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Plant Pests of Importance to North American Agriculture

INDEX OF PLANT VIRUS DISEASES

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Agriculture Handbook No. 307

Agricultural Research Service
U.S. DEPARTMENT OF AGRICULTURE



Plant Pests of Importance to North American Agriculture

Index of Plant Virus Diseases

Agriculture Handbook No. 307

**Agricultural Research Service
U.S. DEPARTMENT OF AGRICULTURE**

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FOREWORD

This "Index of Plant Virus Diseases" complements the "Index of Plant Diseases in the United States," Agriculture Handbook No. 165, published in 1960. The content of the present index is subject to two limitations. First, it takes into account only records published in the English language. Second, the cutoff date is 1958, since funds allotted were not sufficient to continue it further.

In spite of these restrictions, the index should be useful from both research and practical standpoints.

The background material provided will aid virologists in planning research, in identifying and classifying viruses, and in predicting the reaction to a given virus of additional plants outside the known host range.

Regulatory programs will have many uses for the index. It will aid quarantine inspectors at ports of importation in the diagnosis of visible, and the detection of latent, virus infections. It will provide an authoritative basis for quarantine legislation against any particular virus and its hosts.

The information on distribution of plant viruses will be particularly useful in assessing the probable danger from introducing destructive viruses hitherto absent from this country. A feature of particular significance in times of national emergency is the provision of a basis for judging the likelihood of the synthesis of new viruses or of new strains of existing viruses that might severely damage vulnerable important crops.

PAUL R. MILLER,
Crops Research Division,
Beltsville, Md.

PREFACE

This "Index of Plant Virus Diseases" is the outgrowth of a compilation started 24 years ago with technical assistance by the Rev. C. L. Bliss, 1941-42, and supported by a Public Works Administration (PWA) project to prepare lists of names of hosts of plant viruses for quick reference. The names of host plants and viruses in K. M. Smith's book, "A Textbook of Plant Virus Diseases" (1937), were rearranged to provide the desired lists; that is, alphabetical lists of plants susceptible to some common viruses. These lists proved to be timesaving and helpful in various searches for information on known hosts of viruses. In 1958, R. E. Fitzpatrick and others in their "Index of Hosts and Vectors of Plant Viruses" compiled some lists from the second edition of K. M. Smith's book (1957). This "Index of Plant Virus Diseases" enlarges these lists and serves as a companion handbook to "Index of Plant Diseases in the United States," Agriculture Handbook No. 165.

From my World War II experience in the use of coded cards (Soldier Qualification Card) it seemed worthwhile to use coded cards in compiling from the literature the names of flowering plants susceptible or insusceptible to viruses, provided financial support for technical assistance could be found. A 2-year grant in 1956 provided services of a technical compiler who retrieved a part of the desired information from research articles and typed this information on approximately 25,000 coded cards. Description of the system was published by the National Science Foundation in "Nonconventional Technical Information Systems in Current Use," No. 2 (NSF-59-49), pp. 61-63, September 1959; and No. 3 (NSF-62-34), pp. 40-41, October 1962. A second grant in March 1964 permitted the organization of the material for the Index—Subindices I through VII, inclusive.

The indices were prepared by assembling data on the coded cards and photographing these data. The manner of presenting the data is sometimes inconsistent with regular usage. For example, for the sake of clearness and convenience of typing, scientific names of plants and viruses have not been italicized or underlined. Also, a comma has been inserted between Latin and authority names. This comma is omitted in regular usage.

Responsibility for the designation of plant susceptibility or insusceptibility is solely with the authors of the original publications, cited here by authors and year of publication. Decision to include the information in the index was based upon the evidence for susceptibility or insusceptibility in the original article. In some cases a plant name will appear in both the susceptible and the insusceptible list. This double listing is unavoidable since cultivars within a plant species, or *varietas* (smallest taxon considered), sometimes differ in their susceptibility to a virus. Journal name and page citation of the original article are not given, to conserve space and to exclude reference material that would tend to distract the reader's attention from primary information. With the name of the authors and year of publication, one can quickly find the full citation in indices of comprehensive abstracting journals or in private collections of reprints if available and filed or cross-referenced by the author.

Sole authorship of the compendium is taken for three reasons: (1) To indicate the originator of the plan and the maker of decisions relative to undertaking the program, obtaining support, compiling the information, and preparing the manuscript; (2) to simplify author citation; and (3) to center responsibility for the index and the work done by those giving technical assistance to the project.

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Plant Pests of Importance to North American Agriculture

INDEX OF PLANT VIRUS DISEASES

By H. H. Thornberry, plant pathologist, University of Illinois

SCOPE

The purpose of this index is to provide checklists in the form of a readily accessible and quick-reference handbook of published information on plants susceptible or insusceptible to viruses in order that the results of research can be more fully utilized.

Coverage of information is incomplete since the retrieval aspects of the program terminated in 1958. Original articles, not abstract journals, were reviewed. Publications in modern languages other than English were not examined.

NOMENCLATURE

Binomials of Plant Species

Binomials of plant species in the index have been edited to conform to the nomenclature of species in Agriculture Handbook 165. For names of species not given in the handbook, the binomial and authority are those given by the author publishing the information. Where binomial authority was not given in the original article (or not copied on the "work" card), authority found in "Index Kewensis," Gray's "Manual of Botany," or Britton and Brown's "Illustrated Flora of the Northern States and Canada" (in this order) was given. Binomials for which authority was not found in the taxonomic references are designated by an asterisk. Authority and year for plant binomials are included in Subindices I and II but not in Subindices III and IV.

Names of Viruses

The virus names taken from the literature for the index have been edited to conform to the names in "Common Names of Virus Diseases Used in the Review of Applied Mycology," Review of Applied Mycology Supplement (35: 1-78, 1957). Authority for the virus names is not included in Subindices I and II in order to confine the virus name to one line. This arrangement conserves space and permits easy reading since each line has its specific information. Authority for the names is included in Subindices III and IV.

For virus names not given in the Review of Applied Mycology Supplement, the names are

those used by the authors; these are designated by an asterisk. In cases where the virus name used by the author did not contain a plant name (common or Latin binomial), the plant name (in parentheses) has been added.

Word order of the virus names was changed in order to comply with a logical sequence in a systematic word order indicating subordination or subdivision from left to right. The substantive (virus) of the name was placed first (left), followed by the qualifying epithets, a plant name (common or Latin binomial), and a letter or word (or words) designating further description. In addition to the logical sequence, the word order permits an economy of space since the abbreviation for virus (V.) allows the name to be confined to one line. The word order also prevents any momentary confusion of a virus name with the Latin genus name of a plant in cases where the first element in the virus name in the Review of Applied Mycology Supplement is a plant genus name; for example, chrysanthemum stunt virus.

Translated names of viruses or viral diseases by V. Bojnansky may provide aid to users of the index. (Bojnansky, V. 1961. Virus Diseases Terminology, "Rostlinna výroba," Sborník Československé Akademie Zemědělských Ved, Praha 34 (Ročník 7): 1437-1462.)

Scientific Names: Plant Viruses

Latin binomials (scientific names) of viruses were not used in the checklists herein because the list of names compiled by F. A. Barkley for in-

clusion in "Index Bergeyana" was omitted from that publication. To make these viral binomials accessible, they are included here, with Barkley's consent, in Subindex V. The material was supplied by R. E. Buchanan, November 18, 1963, and June 8, 1964.

Scientific Names: Families and Genera

Scientific names of families of flowering plants treated in the index are given in alphabetical order in Subindex VI; scientific names of plant genera are in Subindex VII.

BIOVECTORS OF VIRUSES

Retrieved information in the coded-card file on biovectors was not included in this index as originally planned because the information, incomplete in the card file, is largely available in some other compendia readily accessible to most virologists or other scientists and technical personnel having need for the information. Some of these publications are:

Carter, W. Insects in relation to plant diseases. 705 pp. Interscience Publishers, A division of John Wiley and Sons, New York. 1962.

Entomological Society of America. Common names of insects. Bul. Ent. Soc. Amer. 6(4) : 173-211. 1960.
Heinze, Kurt. Phytopathogene viren und ihre überträger. 290 pp. Ducker und Humblot, Berlin, Germany. 1959.

Kennedy, J. S., Day, M. F., and Eastop, V. F. A conspectus of aphids as vectors of plant viruses. 114 pp. Commonwealth Institute of Entomology. London. 1962.

Nielson, M. W. A synonymous list of leafhopper vectors of plant viruses (Homoptera, Cicadellidae). U.S. Dept. Agr., Agr. Res. Serv. ARS 33-74, 12 pp. 1962.

SUBINDEX I: PLANTS SUSCEPTIBLE—VIRUSES

1

- ABROMA** Jacq. 1776 (Sterculiaceae)
A. augusta, L. f.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- ABUTILON** Tourn. ex Adans. 1763 (Malvaceae)
A. mulleri friderici, Gurke & K. Schum.
 V. abutilon infectious variegation
 Keur, John Y., 1933
- A. regnelli*, Miq. in Linnaea
 V. abutilon infectious variegation
 Keur, John Y., 1933
- A. spp.*
 V. cotton leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- A. striatum*, Dicks., clone thompsonii, Veitch
 V. abutilon infectious variegation
 Keur, John Y., 1933, 1934
- A. theophrasti*, Medic.
 V. tobacco streak
 Fulton, Robert W., 1948
- V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- ACACIA** ((Tourn.)) L. 1737 (Leguminosae)
A. longifolia, Willd.
 V. lucerne dwarf
 Freitag, J.H., 1951
- ACALYMPHA** L. 1737 (Euphorbiaceae)
A. virginica, L.
 V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
- ACANTHOSPERMUM** Schrank 1819 (Compositae)
A. hispidum, DC.
 V. beet curly top
 Bennett, C.W. and A.S. Costa, 1949
- ACER** ((Tourn.)) L. 1735 (Aceraceae)
A. ginnala, Maxim.
 V. tobacco ring spot
 Wilkinson, R.E., 1952
- A. negundo*, L.
 V. tobacco ring spot
 Wilkinson, R.E., 1952
- ACHILLEA** L. 1735 (Compositae)
A. millefolium, L.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
- A. ptarmica*, L.
 V. chrysanthemum stunt
 Brierley, Philip, 1950, 1953
- Keller, John R., 1953
- ACHYRANTHES** L. 1737 (Amaranthaceae)
A. aspera, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- ADANSONIA** L. 1753 (Bombacaceae)
A. digitata, L.
 V. cacao swollen shoot
 Attafuah, A. and T.W. Tinsley, 1958
- Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
- Tinsley, T.W. and A.L. Wharton, 1958
- ADENIA** Forsk. 1775 (Passifloraceae)
A. spp.
 V. cucumber mosaic
 Natrass, R.M., 1944
- ADLUMIA** Raf. 1808 (Papaveraceae)
A. fungosa, Greene
 V. tobacco mosaic
 Holmes, Francis O., 1946
- ADONIS** Dill. ex L. 1735 (Ranunculaceae)
A. aestivalis, L.
 V. aster yellows
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- AEGILOPS** L. 1737 (Gramineae)
A. crassa, Boiss.
 V. wheat streak mosaic
 McKinney, H.H. and Hurley Fellows, 1951
- A. cylindrica*, Host
 V. wheat streak mosaic
 McKinney, H.H. and Hurley Fellows, 1951
- A. ovata*, L.
 V. wheat streak mosaic
 McKinney, H.H. and Hurley Fellows, 1951
- A. tricarinata*, L.
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
- V. wheat streak mosaic
 McKinney, H.H. and Hurley Fellows, 1951
- A. ventricosa*, Tausch
 V. wheat streak mosaic
 McKinney, H.H. and Hurley Fellows, 1951
- AEGLOPSIS** Swingle 1911 (Rutaceae)
A. chevalieri, Swingle
 V. citrus tristeza
 Hughes, W.A. and C.A. Lister, 1953
- Knorr, L.C., 1956
- AESCHYNOMENE** L. 1737 (Leguminosae)
A. falcata, (Poir.) DC.
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- A. indica*, L.
 V. tobacco streak
 Fulton, Robert W., 1948
- AFRAEGLA** Stapf 1906 (Rutaceae)
A. paniculata, (Schum.) Engl.
 V. citrus tristeza
 Hughes, W.A. and C.A. Lister, 1953
- Knorr, L.C., 1956
- AGERATUM** L. 1737 (Compositae)
A. conyzoides, L.
 V. anemone mosaic *
 Hollings, M., 1957
- V. tobacco leaf curl
 Pruthi, Hem Singh and C.K. Samuel, 1939
- A. spp.*
 V. tobacco necrosis
 Price, W.C., 1940
- AGROPYRON** J. Gaertn. 1770 (Gramineae)
A. elongatum, (Host) Beauv.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
- V. wheat streak mosaic
 McKinney, H.H. and W.J. Sando, 1951
- A. hybrid*
 V. barley stripe mosaic
 Sill, W.H., Jr., 1956
- V. bromo mosaic
 Sill, W.H., Jr., 1956
- V. wheat streak mosaic
 Sill, W.H., Jr., 1956
- A. inerme*, (Scribn. & Sm.) Rydb.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
- V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- A. intermedium*, (Host) Beauv.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
- V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- V. wheat streak mosaic
 McKinney, H.H. and W.J. Sando, 1951
- A. junceum*, (L.) Beauv.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
- A. lasianthum*, Boiss.
 V. wheat streak mosaic
 McKinney, H.H. and W.J. Sando, 1951
- A. pertenuis*, (Mey.) Nevski
 V. agropyron mosaic
 Slykhuis, J.T., 1952

- A. pungens, (Pers.) Roem. & Schult.
V. wheat streak mosaic
McKinney, H.H. and W.J. Sando, 1951
- A. repens, L.
V. agropyron mosaic
Slykhuis, J.T., 1952
- V. oat pseudo-rosette
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- A. rigidum, Beauv.
V. agropyron mosaic
Slykhuis, J.T., 1952
- A. trachycaulum, (Link) Malte
V. barley yellow dwarf
Oswald, John W. and Byron R. Houston, 1953
- V. wheat streak mosaic
McKinney, H.H. and W.J. Sando, 1951
- A. ugamicum, Drobov
V. wheat streak mosaic
McKinney, H.H. and W.J. Sando, 1951
- AIZOON** L. 1737 (Aizoaceae)
A. spp.
V. beet yellows
Roland, G. and J. Tahon, 1961
- ALEURITES** Forst. 1776 (Euphorbiaceae)
A. fordii, Hemsl.
V. (tung) rough bark *
Large, John R., 1949
- ALLIUM** ((Tourn.)) L. 1735 (Liliaceae)
A. ascalonicum, L.
V. aster yellows
Smith, Floyd F. and Philip Brierley, 1948
- V. onion yellow dwarf
Henderson, D.M., 1953
- Henderson, W.J., 1935
- A. canadense, L.
V. onion mosaic
McKinney, H.H., 1928
- A. cepa, L.
V. aster yellows
Brierley, Philip and Floyd F. Smith, 1944
- Severin, Henry H.P. and Julius H. Freitag, 1945
- V. bayberry yellows
Raychaudhuri, S.P., 1953
- V. cucumber mosaic
Wellman, F.L., 1935
- V. onion mosaic
Brierley, Philip and Floyd F. Smith, 1944
- V. onion yellow dwarf
Brierley, Philip and Floyd F. Smith, 1946
- Henderson, D.M., 1953
- Henderson, W.J., 1932, 1935
- Melhus, I.E. and W.J. Henderson, 1929
- Melhus, I.E., C.S. Reddy, W.J. Henderson and E. Vestal, 1929
- A. cepa var. solaninum, Alef.
V. onion yellow dwarf
Brierley, Philip and Floyd F. Smith, 1944
- A. cepa var. viviparum, Metz.
V. onion yellow dwarf
Brierley, Philip and Floyd F. Smith, 1944
- A. neopolitanum, Cyr.
V. onion mosaic
Brierley, Philip and Floyd F. Smith, 1944
- A. porrum, L.
V. onion yellow dwarf
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- A. sativum, L.
V. onion mosaic
Brierley, Philip and Floyd F. Smith, 1944
- V. onion yellow dwarf
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- A. vineale, L.
V. onion mosaic
Brierley, Philip and Floyd F. Smith, 1944
- V. onion yellow dwarf
Brierley, Philip and Floyd F. Smith, 1944
- ALONSOA** Ruiz & Pav. 1798 (Scrophulariaceae)
A. warscewicizii, Regel
V. anemone mosaic *
Hollings, M., 1957
- A. warscewicizii, Regel (cont.)
V. cabbage black ring spot
Hollings, M., 1957
- ALOPECURUS** L. 1735 (Gramineae)
A. fulvus, Small
V. rice dwarf
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- ALTERNANTHERA** Forsk. 1775 (Amaranthaceae)
A. ficidea, (L.) R. Br.
V. cucumber mosaic
Dale, W.T., 1954
- ALTHAEA** ((Tourn.)) L. 1735 (Malvaceae)
A. rosea, (L.) Cav.
V. abutilon infectious variegation
Bird, Julio, 1958
- V. carnation ring spot
Brierley, Philip and Floyd F. Smith, 1957
- V. cotton leaf curl
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. hibiscus yellow vein mosaic
Capoor, S.P. and P.M. Varma, 1950
- V. hollyhock mosaic
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco leaf curl
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco ring spot no. 2
Wilkinson, R.E., 1952a
- V. tobacco streak
Fulton, Robert W., 1948
- ALYSUM** Tourn. ex L. 1735 (Cruciferae)
A. compactum var. procumbens *
V. aster yellows
Kunkel, L.O., 1926
- A. maritimum, Lam.
V. turnip mosaic
Tompkins, C.M., 1939
- AMARANTHUS** L. 1735 (Amaranthaceae)
A. albus, L.
V. beet yellows
Roland, G. and J. Tahon, 1961
- A. aureum, F.G. Dietr.
V. beet yellows
Roland, G. and J. Tahon, 1961
- A. auroro or aurora *
V. aster yellows
Kunkel, L.O., 1926
- V. beet curly top
Freitag, Julius H. and Henry H.P. Severin, 1936
- A. caracu, Zucc. ex Steud.
V. beet yellows
Roland, G. and J. Tahon, 1961
- A. carneus, Hort. ex Moq. in DC.
V. beet yellows
Roland, G. and J. Tahon, 1961
- A. caudatus, L.
V. anemone brown ring *
Hollings, M., 1958
- V. anemone mosaic *
Hollings, M., 1957
- V. aster yellows
Kunkel, L.O., 1926
- V. beet curly top
Freitag, Julius H. and Henry H.P. Severin, 1936
- V. beet mosaic
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. beet yellows
Roland, G. and J. Tahon, 1961
- V. cabbage black ring spot
Hollings, M., 1957
- V. chrysanthemum latent *
Hollings, M., 1957
- V. cucumber mosaic
Fulton, Joseph P., 1950
- Pound, Glenn S. and J.C. Walker, 1948
- Price, W.C., 1940
- V. lucerne mosaic
Price, W.C., 1940
- V. potato leaf rolling mosaic
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

- A. caudatus, L. (cont.)
 V. tobacco necrosis
 Price, W.C., 1940
 V. tobacco ring spot
 Fulton, Robert W., 1941
 Price, W.C., 1940
 V. tobacco ring spot no. 2
 Hildebrand, E.M., 1942
 Price, W.C., 1940
 V. tomato bushy stunt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. turnip mosaic
 Pound, Glenn S., 1948
- A. cruentus, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- A. deflexus, L.
 V. beet curly top
 Severin, Henry H.P., 1934
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- A. gangeticus, L.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. potato X
 Hutton, E.M., 1949
- A. graecizans, L.
 V. beet curly top
 Carsner, E., 1919
 Severin, Henry H.P., 1934
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. potato leaf roll
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco mosaic
 Holmes, Francis O., 1938
- A. hybridus, L.
 V. tobacco mosaic
 Holmes, Francis O., 1938
- A. palmeri, S. Wats.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- A. paniculatus, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. tobacco broad ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco ring spot
 Wingard, S.A., 1928
- A. patulus, Bert.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- A. retroflexus, L.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- V. beet curly top
 Severin, Henry H.P., 1934
- V. beet mosaic
 Bennett, C.W., 1949
 Pound, Glenn S., 1947
- V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. cucurbit mosaic *
 Doolittle, S.P., 1921
 Doolittle, S.P. and M.N. Walker, 1925
- V. hydrangea ring spot
 Brierley, Philip and Paul Lorentz, 1956, 1957
- V. iris ring spot *
 Travis, R.V., 1957
- V. potato leaf roll
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. potato X
 Dykstra, T.P., 1939
 Larson, R.H., 1944
- V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
- V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- V. tomato spotted wilt
 Milbrath, J.A., 1939
- A. tricolor, L.
 V. cucumber mosaic
 Price, W.C., 1940
- V. red currant ring spot
 Klessner, P.J., 1951
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- AMARYLLIS L. 1735 (Amaryllidaceae)
 (HIPPEASTRUM) Herb. 1821
- A. hybrid
 V. tomato spotted wilt
 Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
- (H. spp.)
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- AMBROSIA L. 1737 (Compositae)
- A. artemisiifolia, L.
 V. aster yellows
 Kunkel, L.O., 1926
 Younkin, S.G., 1943
- V. beet leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco mosaic
 Boyle, John S. and David C. Wharton, 1957
 Holmes, Francis O., 1938
- V. tobacco ring spot
 Wingard, S.A., 1928
- V. tobacco streak
 Fulton, Robert W., 1948
- A. artemisiifolia var. elatior, (L.) Descourtils
 V. cucumber mosaic
 Wellman, F.L., 1935
- A. trifida, L.
 V. aster yellows
 Kunkel, L.O., 1926
- V. chrysanthemum stunt
 Brierley, Philip, 1953
- V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- V. tobacco ring spot
 Wingard, S.A., 1928
- V. tobacco streak
 Fulton, Robert W., 1948
- AMELANCHIER Medic. 1789 (Rosaceae)
- A. spp.
 V. apple *
 Millikan, D.F. and H.W. Guengerich, 1956
- AMMOBIUM R. Br. 1824 (Compositae)
- A. alatum, R. Br.
 V. aster yellows
 Kunkel, L.O., 1926
- AMSINCKIA Lehm. 1831 (Boraginaceae)
- A. douglasiana, DC.
 V. lucerne dwarf
 Freitag, J.H., 1951
- ANAGALLIS ((Tourn.)) L. 1735 (Primulaceae)
- A. arvensis, L.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- V. beet curly top
 Severin, Henry H.P., 1934
- V. raspberry yellow dwarf *
 Harrison, B.D., 1958
- V. strawberry green petal
 Frazier, N.W. and A.F. Posnette, 1957
- V. tobacco mosaic
 Holmes, Francis O., 1946
- A. linifolia, L.
 V. clover big vein
 Black, L.M., 1945

- ANANAS** Tourn. ex L. 1735 (Bromeliaceae)
- A. *comosus*, (L.) Merr.
 V. cucumber mosaic
 Carter, W., 1935
 V. tomato spotted wilt
 Carter, W., 1935
 Illingworth, J.F., 1931
 Linford, M.B., 1931, 1932, 1943
 Sakimura, K., 1940
- ANCHUSA** L. 1735 (Boraginaceae)
- A. *azurea*, Mill.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. tobacco mosaic
 Holmes, Francis O., 1946
- A. *capensis*, Thunb.
 V. cabbage black ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco mosaic
 Holmes, Francis O., 1946
- A. spp.
 V. cucumber mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- ANDROCERA** Nutt. 1818 (Solanaceae)
- A. *rostrata*, Rydb.
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- ANDROPOGON** L. 1753 (Gramineae)
- A. *barbinodis*, Lag.
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
- A. *sorghum*, (L.) Brot.
 V. sugarcane mosaic
 Lawas, Orenco M. and William L. Fernandez, 1949
- A. *sorghum* var. *virgatus* *
 V. sugarcane mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- ANEMONE** L. 1735 (Ranunculaceae)
- A. *coronaria*, L.
 V. anemone brown ring *
 Hollings, M., 1958
 V. anemone mosaic *
 Hollings, M., 1957
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- A. *nemorosa*, L.
 V. anemone mosaic *
 Hollings, M., 1957
 V. cabbage black ring spot
 Hollings, M., 1957
- A. spp.
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- ANETHUM** Tourn. ex L. 1737 (Umbelliferae)
- A. *graveolens*, L.
 V. aster yellows
 Kunkel, L.O., 1926
 V. beet curly top
 Severin, Henry H.P., 1929
 V. celery mosaic
 Freitag, Julius H. and Henry H.P. Severin, 1945
 Severin, Henry H.P. and Julius H. Freitag, 1938
- V. cucumber mosaic
 Wellman, F.L., 1935
- V. poison hemlock ring spot
 Freitag, Julius H. and Henry H.P. Severin, 1945
- ANGRAECUM** Bory 1804 (Orchidaceae)
- A. *eburneum*, Lindl.
 V. orchid (*cymbidium*) mosaic
 Jensen, D.D. and A.H. Gold, 1955
- ANTHEMIS** Mich. ex L. 1735 (Compositae)
- A. *cotula*, L.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- A. *cotula*, L. (cont.)
- V. beet curly top
 Severin, Henry H.P., 1934
- V. clover big vein
 Black, L.M., 1945
- V. clover witches' broom *
 Frazier, N.W. and A.F. Posnette, 1957
- V. cucumber mosaic
 Burnett, G., 1934
- V. strawberry green petal
 Frazier, N.W. and A.F. Posnette, 1957
- A. *tinctoria*, L.
- V. chrysanthemum stunt
 Brierley, Philip, 1950, 1953
- ANTHOXANTHUM** L. 1737 (Gramineae)
- A. *odoratum*, L.
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
- ANTHRISCUS** Bernh. 1800 (Umbelliferae)
- A. *cerefolium*, Hoffm.
 V. beet curly top
 Severin, Henry H.P., 1929
- V. celery mosaic
 Freitag, Julius H. and Henry H.P. Severin, 1945
 Severin, Henry H.P. and Julius H. Freitag, 1938
- V. cucumber mosaic
 Price, W.C., 1940
- V. lucerne mosaic
 Price, W.C., 1940
- V. poison hemlock ring spot
 Freitag, Julius H. and Henry H.P. Severin, 1945
- V. squash mosaic
 Freitag, J.H., 1956
- V. tobacco necrosis
 Price, W.C., 1940
- V. tobacco ring spot
 Price, W.C., 1940
- V. tobacco ring spot no. 2
 Price, W.C., 1940
- ANTIRRHINUM** Tourn. ex L. 1735 (Scrophulariaceae)
- A. *majus*, L.
 V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1957
- V. chrysanthemum latent *
 Hollings, M., 1957
- V. cucumber mosaic
 Berkeley, G.H., 1951, 1953
 Brierley, Philip, 1952
 Doolittle, S.P. and W.J. Zaumeyer, 1953
- Hollings, M., 1955
 Nienow, Inez, 1948
 Pound, Glenn S. and J.C. Walker, 1948
 Wellman, F.L., 1935
- V. hydrangea ring spot
 Brierley, Philip and Paul Lorentz, 1956, 1957
- V. lucerne mosaic
 Berkeley, G.H., 1947
 Kreitlow, K.W., and W.C. Price, 1948, 1949
 Price, W.C., 1940
- Zaumeyer, W.J., 1953
- V. pea mottle
 Johnson, Folke, 1942
- V. pelargonium leaf curl
 McWhorter, Frank P., 1957
- V. prunus A *
 Fulton, Robert W., 1957
- V. prunus B *
 Fulton, Robert W., 1957
- V. prunus E *
 Fulton, Robert W., 1957
- V. prunus G *
 Fulton, Robert W., 1957
- V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
- V. tobacco mosaic
 Berkeley, G.H., 1951
 Grant, T.J., 1934
 Holmes, Francis O., 1946
- V. tobacco necrosis
 Price, W.C., 1940

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- A. *majus*, L. (cont.)
 V. tobacco ring spot
 Berkeley, G.H., 1951, 1953
 Brierley, Philip, 1952
 Brierley, Philip and Floyd F. Smith, 1954
 Travis, R.V. and Philip Brierley, 1957
 Wingard, S.A., 1928
 V. tobacco ring spot no. 2
 Brierley, Philip, 1954
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P.
 Doolittle, 1955
 Hollings, M., 1955
- A. spp.
 V. *chrysanthemum* Q
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tobacco streak
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tomato black ring
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- APIUM* ((Tourn.)) L. 1735 (*Umbelliferae*)
- A. *graveolens*, L.
 V. aster yellows
 George, J.A. and J.K. Richardson, 1957
 Raymer, W.B. and Clark R. Amen, 1954
 V. bayberry yellows
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. celery mosaic
 Doolittle, S.P. and F.L. Wellman, 1934
 V. clover witches' broom
 Frazier, N.W. and A.F. Posnette, 1957
 V. cucumber mosaic
 Anderson, C.W., 1955
 Bhargava, K.S., 1951
 Doolittle, S.P. and F.L. Wellman, 1934
 Doolittle, S.P. and W.J. Zaumeyer, 1953
 Fulton, Robert W., 1941
 Wellman, F.L., 1935
 V. dodder latent mosaic
 Bennett, C.W., 1944, 1949
 V. lucerne mosaic
 Berkeley, G.H., 1947
 Houston, Byron R. and John W. Oswald, 1953
 Richardson, D.E. and T.W. Tinsley, 1956
 Snyder, William C. and Saul Rich, 1942
 V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tobacco ring spot
 Anderson, C.W., 1954
 V. tobacco streak
 Fulton, Robert W., 1948
 V. tomato big bud
 Helms, Katie, 1957
 V. *vaccinium* false blossom
 Kunkel, L.O., 1945
- A. *graveolens* var. *dulce*, DC.
 V. aster yellows
 Freitag, J.H., 1956
 Magie, R.O., Floyd F. Smith and Philip Brierley, 1952
 Raymer, W.B., 1956
 Severin, Henry H.P., 1928, 1929, 1930, 1932, 1934
 Severin, Henry H.P. and Julius H. Freitag, 1945
 Severin, Henry H.P. and Sidney J. Oliver, 1939
 Smith, Floyd F. and Philip Brierley, 1953
 V. beet curly top
 Severin, Henry H.P., 1928, 1929
 V. celery mosaic
 Bardin, Roy, 1947
 Freitag, Julius H. and Henry H.P. Severin, 1939
 Freitag, Julius H. and Henry H.P. Severin, 1945
 Poole, R.F., 1922
 Severin, Henry H.P. and Julius H. Freitag, 1935, 1938
 V. (celery) pseudo-calico
 Freitag, Julius H. and Henry H.P. Severin, 1939
 V. celery yellow spot
 Freitag, Julius H. and Henry H.P. Severin, 1939
- A. *graveolens* var. *dulce*, DC. (cont.)
 V. celery yellow spot
 Freitag, Julius H. and Henry H.P. Severin, 1945
 V. cucumber mosaic
 Anderson, C.W., 1951
 Severin, Henry H.P., 1950
 Simons, John N., 1955, 1957
 Wellman, F.L., 1934
 Whipple, O.C. and J.C. Walker, 1941
 V. lucerne mosaic
 Houston, Byron R. and John W. Oswald, 1951
 Oswald, John W., 1950
 Severin, Henry H.P., 1950
 Severin, Henry H.P. and Julius H. Freitag, 1935
 Swenson, K.G., 1952
 V. peach western X disease
 Jensen, D.D., 1955, 1957
 V. poison hemlock ring spot
 Freitag, Julius H. and Henry H.P. Severin, 1939, 1945
 V. tobacco ring spot
 Severin, Henry H.P., 1950
 V. tomato spotted wilt
 Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 Sakimura, K., 1940
 V. cucumber western mosaic *
 Severin, Henry H.P., 1950
 Severin, Henry H.P. and Julius H. Freitag, 1948
 A. *graveolens* var. *rapaceum*, DC.
 V. aster yellows
 Severin, Henry H.P., 1929, 1932
 Severin, Henry H.P. and Julius H. Freitag, 1945
 V. celery mosaic
 Freitag, Julius H. and Henry H.P. Severin, 1945
 Severin, Henry H.P. and Julius H. Freitag, 1938
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. poison hemlock ring spot
 Freitag, Julius H. and Henry H.P. Severin, 1945
 A. *leptophyllum*, (DC.) F. Muell. ex Benth.
 V. carrot motley dwarf
 Stubbs, L.L., 1955
- APOCYNUM* ((Tourn.)) L. 1735 (*Apocynaceae*)
- A. *androsaemifolium*, L.
 V. *prunus* A *
 Fulton, Robert W., 1957
 V. *prunus* B *
 Fulton, Robert W., 1957
 V. *prunus* E *
 Fulton, Robert W., 1957
 V. *prunus* G *
 Fulton, Robert W., 1957
- AQUILEGIA* ((Tourn.)) L. 1735 (*Ranunculaceae*)
- A. *caerulea*, James
 V. anemone brown ring *
 Hollings, M., 1958
 V. anemone mosaic *
 Hollings, M., 1957
 V. lucerne mosaic
 Price, W.C., 1940
 V. tobacco ring spot
 Price, W.C., 1940
- A. *vulgaris*, L.
 V. cucumber mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- ARABIS* L. 1737 (*Cruciferae*)
- A. *hirsuta*, (L.) Scop.
 V. *arabis* mosaic
 Smith, Kenneth M. and Roy Markham, 1944
 V. lovage mosaic
 Smith, Kenneth M. and Roy Markham, 1944
- ARACHIS* L. 1735 (*Leguminosae*)
- A. *hypogaea*, L.
 V. groundnut mosaic
 Cooper, W.E., 1950
 V. groundnut rosette
 Evans, A.C., 1954

- A. hypogaeae, L. (cont.)
 V. groundnut rosette
 McKinney, H.H., 1929
 Storey, H.H. and A.M. Bottomley, 1928
 Storey, H.H. and Audrie K. Ryland, 1955, 1957
 V. groundnut witches' broom
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tobacco necrosis
 Fulton, Robert W., 1950
- ARANDA * (Orchidaceae)
 A. spp. (*Arachnis hookeriana* × *Vanda sanderiana*)
 V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
- ARCTIUM L. 1735 (Compositae)
 A. lappa, L.
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tobacco ring spot no. 2
 Wilkinson, R.E., 1952a
 A. minus, Bernh.
 V. tobacco streak
 Fulton, Robert W., 1948
- ARCTOTIS L. 1737 (Compositae)
 A. stoechadifolia, Berg.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- ARENARIA Rupp. ex L. 1735 (Caryophyllaceae)
 A. montana, L.
 V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1957
- ARISTIDA L. 1753 (Gramineae)
 A. oligantha, Michx.
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
- ARMORACIA Gaertn., Mey. & Scherb. 1800 (Cruciferae)
 A. rusticana, Gaertn., Mey. & Scherb.
 V. beet curly top
 Severin, Henry H.P., 1929
 V. turnip mosaic
 Dana, B.F. and F.P. McWhorter, 1932
 Hoggan, I.A. and J. Johnson, 1935
 Pound, Glenn S., 1948, 1949
- ARRACACIA Bancroft. 1826 (Umbelliferae)
 (ARRACACHA) DC. 1829
 A. esculenta, DC.
 V. citrus tristeza
 Costa, A.S. and T.J. Grant, 1951
- ARTEMISIA L. 1735 (Compositae)
 A. vulgaris, L., var. heterophylla, Jepson
 V. lucerne dwarf
 Freitag, Julius H., 1951
- ARUM ((Tourn.)) L. 1735 (Araceae)
 A. palaestinum, Boiss.
 V. tomato spotted wilt
 Tompkins, C.M. and Henry H.P. Severin, 1950
- ASCLEPIAS L. 1737 (Asclepiadaceae)
 A. curassavica, L.
 V. cucumber mosaic
 Silberschmidt, K., 1955
 A. nivea, L.
 V. aster yellows
 Kunkel, L.O., 1926
 A. syriaca, L.
 V. asclepias yellows *
 Kunkel, L.O., 1950
 V. carnation mosaic
 Gasiorkiewicz, E.C., 1954
 V. cucurbit mosaic *
 Doolittle, S.P., 1921
 Doolittle, S.P. and M.N. Walker, 1922, 1924,
 1925
 V. milkweed mosaic *
 Newhall, A.G., 1923
- A. syriaca, L. (cont.)
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
 V. strawberry mottle
 Smith, Harlan E. and J. Duain Moore, 1952
 V. tobacco streak
 Fulton, Robert W., 1948
- ASPERULA L. 1735 (Rubiaceae)
 A. odorata, L.
 V. tobacco ring spot no. 2
 Price, W.C., 1940
- ASTER Tourn. ex L. 1735 (Compositae)
 A. amellus, L.
 V. beet mosaic
 Pound, Glenn S., 1947
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. cucumber mosaic
 Pound, Glenn S. and J.C. Walker, 1948
 V. tobacco ring spot
 Pound, Glenn S., 1949
- A. chilensis, Nees
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin,
 1945
- A. dumosus, L.
 V. tobacco mosaic
 Holmes, Francis O., 1938
- A. laevis, L.
 V. tobacco ring spot
 Fulton, Robert W., 1941
 Wingard, S.A., 1928
- A. novae-angliae, L.
 V. aster yellows
 George, J.A. and J.K. Richardson, 1957
- A. spp.
 V. tobacco ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick et al., 1958
- V. tomato bushy stunt
 (K.M. Smith, 1957) R.E. Fitzpatrick et al., 1958
- V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick et al., 1958
- ASTRAGALUS Tourn. ex L. 1737 (Leguminosae)
 A. chinensis, L.
 V. lucerne witches' broom
 Klostermeyer, E.C. and J.D. Menzies, 1951
- A. falcatus, Lam.
 V. lucerne witches' broom
 Klostermeyer, E.C. and J.D. Menzies, 1951
- A. glycyphylloides, L.
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- A. mortoni, Nutt.
 V. lucerne witches' broom
 Klostermeyer, E.C. and J.D. Menzies, 1951
- A. rubyi, Greene & Morris
 V. pea enation mosaic
 Hagedorn, D.J., 1957
- V. prunus A *
 Fulton, Robert W., 1957
- V. prunus B *
 Fulton, Robert W., 1957
- ATRIPLEX ((Tourn.)) L. 1735 (Chenopodiaceae)
 A. argentea, Nutt. subsp. *expansa*, Hall & Clements
 V. beet curly top
 Severin, Henry H.P., 1934
 Severin, Henry H.P. and Charles F. Henderson,
 1928
 Severin, Henry H.P. and Byron R. Houston, 1945
- A. argentea var. *hillmanii*, Jones
 V. beet curly top
 Severin, Henry H.P., 1934
- A. bracteosa, S. Wats.
 V. beet curly top
 Severin, Henry H.P., 1934
 Severin, Henry H.P. and Charles F. Henderson,
 1928

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- A. *bracteosa*, S. Wats. (cont.)
 V. beet curly top
 Severin, Henry H.P. and Byron R. Houston, 1945
 V. beet mosaic
 Severin, Henry H.P. and Roger M. Drake, 1947
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 A. *canescens*, (Pursh) Nutt.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 A. *cordulata*, Jepson
 V. beet curly top
 Severin, Henry H.P., 1934
 Severin, Henry H.P. and Charles F. Henderson, 1928
 A. *coronata*, S. Wats.
 V. beet curly top
 Severin, Henry H.P., 1934
 Severin, Henry H.P. and Charles F. Henderson, 1928
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 A. *coulteri*, D. Dietr.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 A. *elegans*, (Moq.) D. Dietr.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 A. *expansa*, (Det. H.) S. Wats.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 A. *fruticulosa*, Jepson
 V. beet curly top
 Severin, Henry H.P., 1934
 Severin, Henry H.P. and Charles F. Henderson, 1928
 A. *hortensis*, L.
 V. beet mosaic
 Pound, Glenn S., 1947
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 A. *hortensis* var. *rubra*, L. *
 V. beet curly top
 Severin, Henry H.P., 1934
 A. *lentiformis*, (Torr.) S. Wats.
 V. beet curly top
 Severin, Henry H.P., 1934
 Severin, Henry H.P. and Charles F. Henderson, 1928
 A. *microcarpa*, D. Dietr.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 A. *nitens*, Schkuhr
 V. beet yellows
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Roland, G. and J. Tahon, 1961
 A. *parishi*, S. Wats.
 V. beet curly top
 Severin, Henry H.P., 1934
 Severin, Henry H.P. and Charles F. Henderson, 1928
 A. *patula*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 A. *patula* var. *hastata*, A. Gray
 V. beet curly top
 Severin, Henry H.P., 1934
 Severin, Henry H.P. and Charles F. Henderson, 1928
 V. beet mosaic
 Severin, Henry H.P. and Roger M. Drake, 1947
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 A. *phyllostegia*, S. Wats.
 V. beet curly top
 Severin, Henry H.P., 1934
 Severin, Henry H.P. and Charles F. Henderson, 1928
 A. *rosea*, L.
 V. beet curly top
 Severin, Henry H.P., 1934
 Severin, Henry H.P. and Charles F. Henderson, 1928
 A. *rosea*, L. (cont.)
 V. beet mosaic
 Severin, Henry H.P. and Roger M. Drake, 1947
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 A. *semibaccata*, R. Br.
 V. beet curly top
 Severin, Henry H.P., 1934
 Severin, Henry H.P. and Charles F. Henderson, 1928
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 A. *siberica*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 A. *spongiosa*, F. Muell.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 A. *tularensis*, Coul.
 V. beet curly top
 Severin, Henry H.P., 1934
 Severin, Henry H.P. and Charles F. Henderson, 1928
 ATROPA L. 1737 (Solanaceae)
 A. *belladonna*, L.
 V. *atropa belladonna* mosaic
 R.A.M. 22: 451, 1943
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. henbane mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. potato X
 Larson, R.H., 1944
 V. tomato black ring
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tomato spotted wilt
 Smith, Kenneth M., 1932
 AVENA L. 1735 (Gramineae)
 A. *barbata*, Brot.
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
 A. *byzantina*, C. Koch.
 V. brome mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. oat pseudo-rosette
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. soil-borne oat mosaic
 McKinney, H.H., 1946
 V. wheat streak mosaic
 McKinney, H.H., 1949
 A. *fatua*, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1952, 1953
 V. lucerne dwarf
 Freitag, Julius H., 1951
 V. ryegrass mosaic *
 Bruehl, G.W., H. Toko and H.H. McKinney, 1957
 V. wheat streak mosaic
 Slykhuus, John T., 1955
 A. *festuca* *
 V. oat pseudo-rosette
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 A. *sativa*, L.
 V. barley stripe mosaic
 McKinney, H.H., 1953
 Sill, W.H., Jr. and E.D. Hansing, 1955
 V. barley yellow dwarf
 Allen, Thomas C., Jr., 1956, 1957
 Allen, Thomas C., Jr. and Byron R. Houston, 1956
 Bruehl, G.W. and H. Toko, 1955, 1957
 Endo, R.M., 1957
 Moore, M.B., 1952
 Oswald, John W. and Byron R. Houston, 1951, 1952, 1953
 Oswald, John W. and T.H. Thung, 1955
 Takeshita, R.M., 1956
 Toko, H.V. and G.W. Bruehl, 1957

- A. *sativa*, L. (cont.)
 V. barley yellow dwarf
 Watson, Marion A. and T. Mulligan, 1957
 Wilson, V.E. and H.C. Murphy, 1953
 V. beet ring spot *
 Harrison, B.D., 1957
 V. bromo mosaic
 McKinney, H.H., 1944, 1953
 McKinney, H.H., H. Fellows and C.O. Johnston, 1942
 V. grass orchard mosaic *
 McKinney, H.H., 1956
 V. maize streak
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. (oat) blue dwarf *
 Moore, M.B., 1952
 V. oat pseudo-rosette
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. rice dwarf
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. soil-borne oat mosaic
 Hadden, S.J. and H.F. Harrison, 1955
 McKinney, H.H., 1946
 Moseman, J.G., U.R. Gore and H.H. McKinney, 1953
 V. tobacco necrosis
 Fulton, J.P., 1952
 V. wheat streak mosaic
 Finley, A.M., 1957
 Houston, Byron R. and John W. Oswald, 1952
 McKinney, H.H., 1949
 Slykhuis, J.T., 1952, 1955
 V. wheat striate mosaic
 Slykhuis, J.T., 1953
 Slykhuis, John T. and Marion A. Watson, 1958
- A. *sativa* var. *orientalis* (Schreb.) Richter
 V. wheat streak mosaic
 McKinney, H.H., 1949
- A. spp.
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- A. *sterilis*, L.
 V. oat pseudo-rosette
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- A. *strigosa*, Schreb.
 V. barley yellow dwarf
 Endo, R.M., 1957
 V. oat pseudo-rosette
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- BABIANA Ker-Gawl. 1802 (Iridaceae)
 B. spp.
 V. babiana mosaic
 Smith, Floyd F. and Philip Brierley, 1944
- BACCHARIS L. 1737 (Compositae)
 B. *pilularis*, DC.
 V. lucerne dwarf
 Freitag, J.H., 1951
- BAERIA Fisch. & Mey. 1835 (Compositae)
 B. *uliginosa*, (Nutt.) A. Gray
 V. beet curly top
 Severin, Henry H.P., 1934
- BARBAREA R. Br. 1812 (Cruciferae)
 B. *barbarea*, MacMill.
 V. tobacco ring spot
 Wingard, S.A., 1928
- B. *verna*, Asch.
 V. cauliflower mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- B. *vulgaris*, R. Br.
 V. beet curly top
 Severin, Henry H.P., 1929
 V. cabbage black ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. cauliflower mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. clover big vein
 Black, L.M., 1945
 V. cucumber mosaic
 Pound, Glenn S. and J.C. Walker, 1948
- B. *vulgaris*, R. Br. (cont.)
 V. potato yellow dwarf
 Hansing, E.D., 1942
 V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip mosaic
 Pound, Glenn S., 1948
 V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
- BASSIA All. 1766 (Chenopodiaceae)
 B. *hyssopifolia*, (Pall.) Ktze.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- BECKMANNIA Host 1805 (Gramineae)
 B. *syzigachne*, (Steud.) Fern.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- BEGONIA ((Tourn.)) L. 1742 (Begoniaceae)
 B. *semperflorens*, Link & Otto
 V. aster yellows
 Kunkel, L.O., 1926
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. tobacco ring spot
 Price, W.C., 1940
 V. tobacco ring spot no. 2
 Price, W.C., 1940
 V. tomato spotted wilt
 Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 V. turnip mosaic
 Tompkins, C.M., 1938
- BELAMCANDA Adans. 1763 (Iridaceae)
 B. *chinensis*, (L.) DC.
 V. iris bearded mosaic *
 Brierley, Philip and Floyd F. Smith, 1948
 Travis, R.V., 1957
 V. iris beardless mosaic *
 Travis, R.V., 1957
 V. iris fulva mosaic *
 Travis, R.V., 1957
 V. iris spuria mosaic *
 Brierley, Philip and Floyd F. Smith, 1948
- BELLIS ((Tourn.)) L. 1737 (Compositae)
 B. *perennis*, L.
 V. aster yellows
 Kunkel, L.O., 1926
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. tobacco mosaic
 Holmes, Francis O., 1946
- BENINCASA Savi 1818 (Cucurbitaceae)
 B. *cerifera*, Savi
 V. cucumber mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
- B. *hispida*, Cogn.
 V. cucumber mosaic
 Jagger, I.C., 1918
 V. cucumber mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
 V. *prunus* B *
 Fulton, Robert W., 1957
 V. *prunus* G *
 Fulton, Robert W., 1957
- BERBERIS ((Tourn.)) L. 1737 (Berberidaceae)
 B. *thunbergii*, DC.
 V. cucumber mosaic
 Wilkinson, R.E., 1953
- BERTEROA DC. 1821 (Cruciferae)
 B. *incana*, (L.) DC.
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941

- B. incana, (L.) DC. (cont.)
 V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- BETA ((Tourn.)) L. 1735 (Chenopodiaceae)
 B. atriplicifolia, Rouy.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- B. cicla viridis, L. *
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- B. hybrida, Andr. ex Trautv.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- B. lomatogona, Fish. & Mey.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- B. macrocarpa, Guss.
 V. beet curly top
 Bennett, C.W. and Aziz Tanrisever, 1957
 Costa, A.S., 1952
 Giddings, N.J., 1944
- V. beet yellows
 Costa, A.S. and C.W. Bennett, 1955
 Roland, G. and J. Tahon, 1961
- B. maritima, L.
 V. beet curly top
 Severin, Henry H.P. and Charles F. Henderson, 1928
- V. beet mosaic
 Severin, Henry H.P. and Roger M. Drake, 1948
- V. beet yellows
 Costa, A.S. and C.W. Bennett, 1955
 Roland, G. and J. Tahon, 1961
- B. patellaris, Moq.
 V. beet curly top
 Costa, A.S., 1952
 Giddings, N.J., 1944
- V. beet mosaic
 Bennett, C.W., 1949
- V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. tobacco streak
 Costa, A.S., 1952
- B. patula, ((Soland. in) Ait. Hort. Kew.
 V. beet curly top
 Costa, A.S., 1952
- V. beet yellows
 Roland, G. and J. Tahon, 1961
- B. procumbens, Chr. Sm.
 V. beet yellows
 Costa, A.S. and C.W. Bennett, 1955
 Roland, G. and J. Tahon, 1961
- B. trigyna, Waldst. & Kit.
 V. beet curly top
 Giddings, N.J., 1944
- V. beet yellows
 Roland, G. and J. Tahon, 1961
- B. vulgaris, L.
 V. bayberry yellows
 Raychaudhuri, S.P., 1953
- V. beet curly top
 Bennett, C.W., 1934, 1937, 1944, 1951, 1955
 Bennett, C.W., Eubanks Carsner, G.H. Coons and E.W. Brandes, 1946
 Bennett, C.W. and A.S. Costa, 1949
 Bennett, C.W. and Aziz Tanrisever, 1957
 Carsner, Eubanks, 1919, 1926, 1938
 Carsner, Eubanks and C.F. Stahl, 1924
 Costa, A.S., 1952
 Esau, Katherine, 1930
 Fawcett, G.L., 1927
 Giddings, N.J., 1938, 1940, 1941, 1944, 1946, 1952, 1954
 Johnson, Folke, 1941
 Jones, Leon K., 1931
 Lackey, C.F., 1932, 1937, 1941, 1942, 1951
 Menzies, J.D. and N.J. Giddings, 1953
 Mumford, Edward Philpott, 1930
 Owen, F.V., Albert M. Murphy and Bion Tolman, 1942
 Severin, Henry H.P. and Charles F. Henderson, 1928
- B. vulgaris, L. (cont.)
 V. beet curly top
 Severin, Henry H.P. and Byron R. Houston, 1945
 Smith, R.E. and P.A. Boncquet, 1915
 Thornberry, H.H. and R.M. Takeshita, 1954
- V. beet leaf curl
 Boncquet, P.A., 1923
 Coons, G.H., J.E. Kotila and D. Stewart, 1937
 Hildebrand, A.A. and L.W. Koch, 1942
 Severin, Henry H.P., 1924
- V. beet mosaic
 Bawden, F.C., Brenda M.G. Hamlyn and Marion A. Watson, 1954
 Bennett, C.W., 1944
 Doncaster, J.P. and B. Kassanis, 1946
 Hale, J.B., Marion A. Watson and R. Hull, 1946
 Hoggan, I.A., 1933
 Jones, Leon K., 1931
 McLean, D.M., 1952
 Pound, Glenn S., 1947
 Robbins, W.W., 1921
 Severin, Henry H.P. and Roger M. Drake, 1948
 Sylvester, Edward S., 1947, 1949, 1950, 1952
 Watson, Marion A., R. Hull, J.W. Blencowe and Brenda M.F. Hamlyn, 1951
- V. beet ring spot *
 Harrison, B.D., 1957
- V. beet rosette *
 Bennett, C.W. and James E. Duffus, 1957
- V. beet yellow net
 Bennett, C.W., 1944, 1956
 McLean, D.M., 1952
 Sylvester, Edward S., 1948, 1949, 1950
- V. beet yellow wilt
 Bennett, C.W. and Carlos Munck, 1946
- V. beet yellows
 Bawden, F.C., Brenda M.G. Hamlyn and Marion A. Watson, 1954
 Coons, G.H., 1952
 Costa, A.S. and C.W. Bennett, 1955
 Doncaster, J.P. and B. Kassanis, 1946
 Dufrenoy, Jean, 1940
 Hale, J.B., Marion A. Watson and R. Hull, 1946
 Kassanis, B., 1949
 McLean, D.M., 1952, 1953
 Roland, G. and J. Tahon, 1961
 Watson, Marion A., 1942
 Watson, Marion A., R. Hull, J.W. Blencowe and Brenda M.F. Hamlyn, 1951
 Watson, Marion A. and G.E. Russell, 1956
- V. brome mosaic
 McKinney, H.H., 1953
- V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1940, 1941
- V. carnation mosaic
 Brierley, Philip and Floyd F. Smith, 1957
- V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1957
- V. cucumber mosaic
 Anderson, C.W., 1951
 Bennett, C.W., 1944
 Berkeley, G.H. and J.H. Tremaine, 1954
 Bhargava, K.S., 1951
 Fulton, Joseph P., 1950
 Harrison, B.D., 1958
 Hoggan, I.A., 1933
 Johnson, E.M., 1930
 Severin, Henry H.P., 1948
 Wellman, F.L., 1934, 1935
- V. cucumber western mosaic *
 Severin, Henry H.P. and Julius H. Freitag, 1948
- V. delphinium ring spot
 Severin, Henry H.P. and R.C. Dickson, 1942
- V. dodder latent mosaic
 Bennett, C.W., 1944, 1949
- V. hydrangea ring spot
 Brierley, Philip and Paul Lorentz, 1956, 1957
- V. lucerne mosaic
 Price, W.C., 1940
 Richardson, D.E. and T.W. Tinsley, 1956
- V. potato parcrinkle
 Kassanis, B., 1955

- B. *vulgaris*, L. (cont.)
 V. *potato* X
 Johnson, E.M., 1930
 V. *raspberry* Scottish leaf curl
 Harrison, B.D., 1958
 V. *raspberry yellow dwarf**
 Harrison, B.D., 1958
 V. *tobacco mosaic*
 Grant, T.J., 1934
 Holmes, Francis O., 1946
 V. *tobacco ring spot*
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 Grogan, R.G. and W.C. Schnathorst, 1955
 Priode, C.N., 1928
 Wingard, S.A., 1928
 V. *tobacco ring spot no. 2*
 Hildebrand, E.M., 1942
 Price, W.C., 1940
 V. *tobacco streak*
 Fulton, Robert W., 1948
 V. *tomato aspermy*
 Brierley, Philip, Floyd F. Smith and S.P.
 Doolittle, 1955
 Hollings, M., 1955
 V. *tomato big bud*
 Helms, Katie, 1957
 Hill, A.V. and M. Mandryk, 1954
 V. *turnip mosaic*
 LeBeau, Francis J. and J.C. Walker, 1945
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
 B. *vulgaris* var. *cicla*, (L.) Moq.
 V. *beet curly top*
 Bennett, C.W., Eubanks Carsner, F.H. Coons
 and E.W. Brandes, 1946
 Severin, Henry H.P. and Charles F. Henderson,
 1928
 V. *beet mosaic*
 McLean, D.M., 1952
 Pound, Glenn S., 1947
 Severin, Henry H.P. and Roger M. Drake, 1948
 V. *beet yellow net*
 McLean, D.M., 1952
 Sylvester, Edward S., 1948
 V. *beet yellow wilt*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. *beet yellows*
 McLean, D.M., 1953
 V. *brome mosaic*
 McKinney, H.H., 1953
 V. *cabbage ring necrosis*
 Larson, R.H. and J.C. Walker, 1940, 1941
 V. *cucumber mosaic*
 Berkeley, G.H. and J.H. Tremaine, 1954
 Bhargava, K.S., 1951
 Fulton, Joseph P., 1950
 Nienow, Inez, 1948
 Simons, John N., 1955, 1957
 Wellman, F.L., 1935
 V. *cucumber western mosaic**
 Severin, Henry H.P. and Julius H. Freitag, 1948
 V. *tobacco mosaic*
 Grant, T.J., 1934
 V. *tobacco ring spot*
 Wingard, S.A., 1928
 V. *turnip mosaic*
 LeBeau, Francis J. and J.C. Walker, 1945
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
 B. *vulgaris* var. *macrorhiza**
 V. *beet curly top*
 Bennett, C.W., Eubanks Carsner, G.H. Coons
 and E.W. Brandes, 1946
 Severin, Henry H.P. and Charles F. Henderson,
 1928
 V. *beet mosaic*
 Severin, Henry H.P. and Roger M. Drake, 1948
 V. *cabbage ring necrosis*
 Larson, R.H. and J.C. Walker, 1941
 B. *webiana*, Moq.
 V. *beet yellows*
 Roland, G. and J. Tahon, 1961
- BIDENS ((Tourn.)) L. 1737 (Compositae)
 B. *discoidea*, (Torr. & Gray) Brit.
 V. *tobacco ring spot*
 Wingard, S.A., 1928
 B. *frondosa*, L.
 V. *aster yellows*
 Frazier, Norman W. and Henry H.P. Severin,
 1945
 V. *tobacco mosaic*
 Holmes, Francis O., 1938, 1946
 B. *pilosa*, L.
 V. *aster yellows*
 Frazier, Norman W. and Henry H.P. Severin,
 1945
- BIGNONIA ((Tourn.)) L. 1735 (Bignoniaceae)
 B. *capreolata*, L.
 V. *tobacco necrosis*
 Price, W.C., 1940
- BOLTONIA L'Herit. 1788 (Compositae)
 B. *latissquama*, A. Gray
 V. *prunus* B*
 Fulton, Robert W., 1957
- BOMBAX L. 1753 (Bombacaceae)
 B. *buonopozense*, Beauv.
 V. *cacao swollen shoot*
 Attafuah, A. and T.W. Tinsley, 1958
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
 Tinsley, T.W. and A.L. Wharton, 1958
 B. *malabaricum*, DC.
 V. *cacao swollen shoot*
 Tinsley, T.W. and A.L. Wharton, 1958
- BORAGO L. 1753 (Boraginaceae)
 B. *officinalis*, L.
 V. *beet curly top*
 Severin, Henry H.P., 1929
- BOUTELOUA Lag. 1805 (Gramineae)
 B. *curtipendula*, (Michx.) Torr.
 V. *barley yellow dwarf*
 Oswald, John W. and Byron R. Houston, 1953
- B. *hirsuta*, Lag.
 V. *wheat streak mosaic*
 McKinney, H.H. and Hurley Fellows, 1951
- BRACHIARIA Griseb. 1853 (Gramineae)
 B. *platyphylla*, Nash
 V. *sugarcane mosaic*
 Brandes, E.W. and Peter J. Klaphaak, 1923
- BRACHYCOMBE
(BRACHYCOME) Cass. 1825 (Compositae)
 B. *iberidifolia*, Benth.
 V. *aster yellows*
 Kunkel, L.O., 1926
 Severin, Henry H.P. and Julius H. Freitag, 1945
 V. *beet curly top*
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. *clover big vein*
 Black, L.M., 1945
 V. *tobacco etch*
 Holmes, Francis O., 1946
 V. *tobacco mosaic*
 Holmes, Francis O., 1946
 V. *vaccinium false blossom*
 Kunkel, L.O., 1945
- BRACHYSTEGIA Benth. 1865 (Leguminosae)
 B. *burtii*, Hoyle ex C.H.N. Jackson
 V. *groundnut rosette*
 Evans, A.C., 1954
- BRASSICA ((Tourn.)) L. 1735 (Cruciferae)
(SINAPIS) L. 1735
 B. *adpressa*, Boiss.
 V. *cabbage black ring spot*
 Tompkins, C.M., M.W. Gardner and H. Rex
 Thomas, 1938

- B. *adpressa*, Boiss. (cont.)
 V. *cauliflower mosaic*
 Tompkins, C.M., 1937
 Tompkins, C.M. and H. Rex Thomas, 1938
 V. *dodder latent mosaic*
 Bennett, C.W., 1949
 V. *radish mosaic*
 Tompkins, C.M., 1939
 V. *tobacco yellow dwarf*
 Helson, G.A.H., 1950
 V. *turnip mosaic*
 Bennett, C.W., 1944
 Tompkins, C.M., 1938, 1939
- B. *campestris*, L.
 V. *aster yellows*
 Frazier, Norman W. and Henry H.P. Severin, 1945
 V. *cauliflower mosaic*
 Tompkins, C.M., 1937
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. *radish mosaic*
 Raychaudhuri, S.P. and P.S. Pathanian, 1955
 V. *turnip mosaic*
 LeBeau, Francis J. and J.C. Walker, 1945
 Sylvester, Edward S., 1953
 Tompkins, C.M., 1938
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- B. *campestris* var. *napobrassica*, (L.) DC.
 V. *beet ring spot**
 Harrison, B.D., 1957
 V. *cabbage black ring spot*
 Tompkins, C.M., M.W. Gardner, and H. Rex Thomas, 1937, 1938
 V. *cabbage ring necrosis*
 Larson, R.H. and J.C. Walker, 1941
 V. *cauliflower mosaic*
 Alvarez-Garcia, L.A., 1951
 Berkeley, G.H. and J.H. Tremaine, 1954
 Caldwell, John and Ian W. Prentice, 1942
 Tompkins, C.M., 1937
 V. *cucumber mosaic*
 Berkeley, G.H. and J.H. Tremaine, 1954
 V. *tobacco mosaic*
 Holmes, Francis O., 1946
 V. *turnip mosaic*
 Berkeley, G.H. and J.H. Tremaine, 1954
 Berkeley, G.H. and M. Weintraub, 1952
 Clayton, E.E., 1930
 LeBeau, Francis J. and J.C. Walker, 1945
 Sylvester, Edward S., 1953
 Tompkins, C.M., 1938
- B. *carinata*, A. Braun
 V. *turnip mosaic*
 Takahashi, William N., 1949
 V. *turnip yellow mosaic*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- B. *chinensis*, L.
 V. *cabbage black ring spot*
 Hamlyn, Brenda M.G., 1953
 V. *rape savoy*
 Ling, Lee and Juhwa Y. Yang, 1940
 V. *turnip mosaic*
 Clayton, E.E., 1930
 Dale, W.T., 1948
 Sylvester, Edward S., 1953
 Sylvester, Edward S. and John N. Simons, 1951
 Takahashi, William N., 1949
- B. *hirta*, Moench, (B. *alba*, (L.) Rabh.)
 V. *anemone mosaic**
 Hollings, M., 1957
 V. *aster yellows*
 Severin, Henry H.P., 1934
 V. *beet curly top*
 Severin, Henry H.P., 1929
 V. *cabbage black ring spot*
 Hamlyn, Brenda M.G., 1953
 Hollings, M., 1957
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. *cabbage ring necrosis*
 Larson, R.H. and J.C. Walker, 1941
- B. *hirta*, Moench, (B. *alba*, (L.) Rabh.) (cont.)
 V. *cauliflower mosaic*
 Tompkins, C.M., 1937
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. *radish mosaic*
 Raychaudhuri, S.P. and P.S. Pathanian, 1955
 Tompkins, C.M., 1939
 V. *tobacco mosaic*
 Grant, T.J., 1934
 V. *turnip mosaic*
 Clayton, E.E., 1930
 LeBeau, Francis J. and J.C. Walker, 1945
 Sylvester, Edward S., 1953
 Takahashi, William N., 1949
 Tompkins, C.M., 1939
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- (S. *alba*, L.)
 V. *turnip crinkle*
 Broadbent, L. and G.D. Heathcote, 1958
 V. *turnip mosaic*
 Berkeley, G.H. and M. Weintraub, 1952
 V. *turnip yellow mosaic*
 Broadbent, L. and G.D. Heathcote, 1958
- B. *incana*, (L.) F.W. Schultz *
 V. *dodder latent mosaic*
 Bennett, C.W., 1944
- B. *junccea* (L.) Coss (B. *japonica*, Hort.)
 V. *cabbage black ring spot*
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. *cabbage ring necrosis*
 Larson, R.H. and J.C. Walker, 1941
- V. *cauliflower mosaic*
 Tompkins, C.M., 1937
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. *cucumber mosaic*
 Pound, Glenn S. and J.C. Walker, 1948
- V. *radish mosaic*
 Raychaudhuri, S.P. and P.S. Pathanian, 1955
 Takahashi, William N., 1952
 Tompkins, C.M., 1939
- V. *rape savoy*
 Ling, Lee and Juhwa Y. Yang, 1940
- V. *turnip mosaic*
 Dale, W.T., 1948
 LeBeau, Francis J. and J.C. Walker, 1945
 Pound, Glenn S., 1948
 Schultz, E.S., 1921
 Sylvester, Edward S., 1950, 1953, 1954
 Sylvester, Edward S. and John N. Simons, 1951
 Takahashi, William N., 1949
 Tompkins, C.M., 1938, 1939
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. *turnip yellow mosaic*
 Broadbent, L. and G.D. Heathcote, 1958
- B. *kaber*, (DC.) L.C. Wheeler (B. *arvensis* (L.) Rabh.)
 V. *beet curly top*
 Severin, Henry H.P., 1929, 1934
- V. *cabbage black ring spot*
 Tompkins, C.M., M.W. Gardner, and H. Rex Thomas, 1937, 1938
- V. *cauliflower mosaic*
 Tompkins, C.M., 1937
- V. *cucumber mosaic*
 Pound, Glenn S. and J.C. Walker, 1948
- V. *radish mosaic*
 Tompkins, C.M., 1939
- V. *tobacco broad ring spot*
 Johnson, James and Robert W. Fulton, 1942
- V. *tobacco streak*
 Fulton, Robert W., 1948
- V. *turnip crinkle*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. *turnip mosaic*
 Takahashi, William N., 1949
- V. *tobacco mosaic*
 Tompkins, C.M., 1939
- V. *turnip yellow mosaic*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

- B. kabér, (DC.) L.C. Wheeler (*B. arvensis* (L.) Rabh.)
(Cont.)
S. arvensis, L.)
V. cauliflower mosaic
Caldwell, John and Ian W. Prentice, 1942
V. turnip crinkle
Broadbent, L. and G.D. Heathcote, 1958
V. turnip rosette *
Broadbent, L. and G.D. Heathcote, 1958
V. turnip yellow mosaic
Broadbent, L. and G.D. Heathcote, 1958
B. kabér var. *pinnatifida* (Stokes), L.C. Wheeler
V. cauliflower mosaic
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
V. turnip mosaic
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
B. muralis, Huds.
V. cabbage black ring spot
Hamlyn, Brenda M.G., 1953
V. cauliflower mosaic
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- B. nápus, L.
V. anemone mosaic *
Hollings, M., 1957
V. cabbage black ring spot
Hollings, M., 1957
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
V. cabbage ring necrosis
Larson, R.H. and J.C. Walker, 1941
V. cauliflower mosaic
Berkeley, G.H. and J.H. Tremaine, 1954
Caldwell, John and Ian W. Prentice, 1942
Tompkins, C.M., 1937
Tompkins, C.M. and H. Rex Thomas, 1938
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
V. cucumber mosaic
Berkeley, G.H. and J.H. Tremaine, 1954
Pound, Glenn S. and J.C. Walker, 1948
V. rape savoy
Ling, Lee and Juhwa Y. Yang, 1940
V. turnip crinkle
Broadbent, L. and G.D. Heathcote, 1958
Lister, R.M., 1958
V. turnip mosaic
Berkeley, G.H. and J.H. Tremaine, 1954
Berkeley, G.H. and M. Weintraub, 1952
Clayton, E.E., 1930
Dale, W.T., 1948
LeBeau, Francis J. and J.C. Walker, 1945
Pound, Glenn S., 1949
Takahashi, William N., 1949
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
V. turnip rosette *
Broadbent, L. and G.D. Heathcote, 1958
Lister, R.M., 1958
V. turnip yellow mosaic
Broadbent, L. and G.D. Heathcote, 1958
Lister, R.M., 1958
B. nápus var. *biennis*, (Schubl. & Mart.) Reichb. *
V. turnip mosaic
Sylvester, Edward S., 1953
B. nigra, (L.) Koch
V. cabbage ring necrosis
Larson, R.H. and J.C. Walker, 1941
V. cauliflower mosaic
Tompkins, C.M., 1937
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
V. cucumber mosaic
Pound, Glenn S. and J.C. Walker, 1948
V. radish mosaic
Raychaudhuri, S.P. and P.S. Pathanian, 1955
Tompkins, C.M., 1939
V. tobacco broad ring spot
Johnson, James and Robert W. Fulton, 1942
V. turnip crinkle
Broadbent, L. and G.D. Heathcote, 1958
- B. nigra, (L.) Koch
V. turnip mosaic
Berkeley, G.H. and M. Weintraub, 1952
Clayton, E.E., 1930
Dana, B.F. and F.P. McWhorter, 1932
Hoggan, I.A. and J. Johnson, 1935
LeBeau, Francis J. and J.C. Walker, 1945
Sylvester, Edward S., 1953
Takahashi, William N., 1949
Tompkins, C.M., 1939
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
V. turnip yellow mosaic
Broadbent, L. and G.D. Heathcote, 1958
B. oleracea, L.
V. radish mosaic
Raychaudhuri, S.P. and P.S. Pathanian, 1955
V. tobacco broad ring spot
Johnson, James and Robert W. Fulton, 1942
V. turnip mosaic
Takahashi, William N., 1949
B. oleracea var. *acephala*, DC.
V. beet curly top
Severin, Henry H.P., 1929
V. cabbage black ring spot
Broadbent, L., 1954
Hamlyn, Brenda M.G., 1953
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
V. cauliflower mosaic
Alvarez-Garcia, L.A., 1951
Caldwell, John and Ian W. Prentice, 1942
Tompkins, C.M., 1934, 1937
V. crucifer ring spot *
Smith, Kenneth M., 1935
V. cucumber mosaic
Pound, Glenn S. and J.C. Walker, 1948
V. radish mosaic
Tompkins, C.M., 1939
B. oleracea var. *botrytis*, L.
V. aster yellows
Severin, Henry H.P. and Julius H. Freitag, 1945
V. beet curly top
Severin, Henry H.P., 1929
V. cabbage black ring spot
Broadbent, L., 1954
Broadbent, L. and T.W. Tinsley, 1953
Hamlyn, Brenda M.G., 1953
Tompkins, C.M., M.W. Gardner, and H. Rex Thomas, 1937, 1938
V. cabbage ring necrosis
Larson, R.H. and J.C. Walker, 1941
V. cauliflower mosaic
Alvarez-Garcia, L.A., 1951
Berkeley, G.H. and J.H. Tremaine, 1954
Broadbent, L., 1954
Broadbent, L. and T.W. Tinsley, 1953
Caldwell, John and Ian W. Prentice, 1942
Jenkinson, J.G., 1955
Severin, Henry H.P. and C.M. Tompkins, 1948
Tompkins, C.M., 1934, 1937
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
V. cucumber mosaic
Pound, Glenn S. and J.C. Walker, 1948
V. radish mosaic
Raychaudhuri, S.P. and P.S. Pathanian, 1955
Tompkins, C.M., 1939
V. tomato spotted wilt
Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
V. turnip crinkle
Broadbent, L. and G.D. Heathcote, 1958
V. turnip mosaic
Berkeley, G.H. and J.H. Tremaine, 1954
Berkeley, G.H. and M. Weintraub, 1952
Clayton, E.E., 1930
LeBeau, Francis J. and J.C. Walker, 1945
Pound, Glenn S., 1948
Tompkins, C.M., 1938
Tompkins, C.M. and H. Rex Thomas, 1938
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

- B. oleracea var. botrytis, L. (cont.)
 V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
 Croxall, H.E., D.C. Gwynne and L. Broadbent, 1953
- B. oleracea var. bullata, L. *
 V. cabbage black ring spot
 Hamlyn, Brenda M.G., 1953
- B. oleracea var. capitata, L.
 V. anemone mosaic *
 Hollings, M., 1957
- V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
- V. beet curly top
 Severin, Henry H.P., 1929
- V. cabbage black ring spot
 Hamlyn, Brenda M.G., 1953
 Hollings, M., 1957
 Pound, Glenn S., 1952
 Pound, Glenn S. and J.C. Walker, 1951
 Tompkins, C.M., M.W. Gardner, and H. Rex Thomas, 1937, 1938
- V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1940, 1941
- V. cauliflower mosaic
 Alvarez-Garcia, L.A., 1951
 Berkeley, G.H. and J.H. Tremaine, 1954
 Caldwell, John and Ian W. Prentice, 1942
 Natti, J.J., 1956
 Pound, Glenn S., 1946, 1947, 1952
 Pound, Glenn S. and J.C. Walker, 1951
 Tompkins, C.M., 1934, 1937
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. crucifer ring spot *
 Smith, Kenneth M., 1935
- V. cucumber mosaic
 Pound, Glenn S. and J.C. Walker, 1948
- V. radish mosaic
 Raychaudhuri, S.P. and P.S. Pathanian, 1955
 Tompkins, C.M., 1939
- V. tobacco broad ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco necrosis
 Fulton, Robert W., 1950
- V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
- V. turnip mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
 Berkeley, G.H. and M. Weintraub, 1952
 Hoggan, I.A. and J. Johnson, 1935
 LeBeau, Francis J. and J.C. Walker, 1945
 Natti, J.J., 1956
 Pound, Glenn S., 1946, 1947, 1948
 Tompkins, C.M., 1938
 Tompkins, C.M. and H. Rex Thomas, 1938
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
- V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
- B. oleracea var. cauropapa, DC.
 V. cabbage black ring spot
 Hamlyn, Brenda M.G., 1953
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
- V. cauliflower mosaic
 Caldwell, John and Ian W. Prentice, 1942
 Tompkins, C.M., 1937
- V. radish mosaic
 Tompkins, C.M., 1939
- V. turnip yellow mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- B. oleracea var. gemmifera, DC.
 V. cabbage black ring spot
 Broadbent, L., 1954
 Hamlyn, Brenda M.G., 1953
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1937, 1938
- V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
- B. oleracea var. gemmifera, DC. (cont.)
 V. cauliflower mosaic
 Alvarez-Garcia, L.A., 1951
 Berkeley, G.H. and J.H. Tremaine, 1954
 Caldwell, John and Ian W. Prentice, 1942
 Severin, Henry H.P. and C.M. Tompkins, 1948
 Tompkins, C.M., 1937
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. crucifer ring spot *
 Smith, Kenneth M., 1935
- V. cucumber mosaic
 Pound, Glenn S. and J.C. Walker, 1948
- V. radish mosaic
 Tompkins, C.M., 1939
- V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
- V. turnip mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
 Clayton, E.E., 1930
 LeBeau, Francis J. and J.C. Walker, 1945
 Pound, Glenn S., 1948
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
- V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
 Croxall, H.E., D.C. Gwynne and L. Broadbent, 1953
- B. oleracea var. gongyloides, L.
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1937
- V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
- V. cauliflower mosaic
 Alvarez-Garcia, L.A., 1951
 Berkeley, G.H. and J.H. Tremaine, 1954
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. cucumber mosaic
 Pound, Glenn S. and J.C. Walker, 1948
- V. turnip mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
 LeBeau, Francis J. and J.C. Walker, 1945
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- B. oleracea var. italica, Plenck. *
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
- V. cabbage black ring spot
 Hamlyn, Brenda M.G., 1953
- V. cauliflower mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. turnip yellow mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- B. oleracea var. subauda, L. *
 V. cauliflower mosaic
 Caldwell, John and Ian W. Prentice, 1942
- B. oleracea var. viridis, L.
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1937
- V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
- V. cauliflower mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. turnip mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
 LeBeau, Francis J. and J.C. Walker, 1945
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- B. pekinensis, (Lour.) Rupr.
 V. anemone mosaic *
 Hollings, M., 1957
- V. beet curly top
 Costa, A.S., 1952
- V. cabbage black ring spot
 Hamlyn, Brenda M.G., 1953
 Hollings, M., 1957

- B. pekinensis, (Lour.) Rupr. (cont.)
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
 V. cauliflower mosaic
 Alvarez-Garcia, L.A., 1951
 Berkeley, G.H. and J.H. Tremaine, 1954
 Tompkins, C.M., 1937
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. cucumber mosaic
 Pound, Glenn S. and J.C. Walker, 1948
 V. radish mosaic
 Tompkins, C.M., 1939
 V. rape savoy
 Ling, Lee and Juhwa Y. Yang, 1940
 V. raspberry yellow dwarf *
 Harrison, B.D., 1958
 V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
 Berkeley, G.H. and M. Weintraub, 1952
 LeBeau, Francis J. and J.C. Walker, 1945
 Schultz, E.S., 1921
 Sylvester, Edward S., 1953
 Takahashi, William N., 1949
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
 Lister, R.M., 1958
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
 Lister, R.M., 1958
- B. rapa, L.
 V. anemone mosaic *
 Hollings, M., 1957
 V. beet curly top
 Severin, Henry H.P., 1929
 V. beet ring spot *
 Harrison, B.D., 1957
 V. cabbage black ring spot
 Bawden, F.C., Brenda M.G. Hamlyn and Marion A. Watson, 1954
 Hamlyn, Brenda M.G., 1953
 Hollings, M., 1957
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1937, 1938
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
 V. cauliflower mosaic
 Alvarez-Garcia, L.A., 1951
 Hamlyn, Brenda M.G., 1955
 Tompkins, C.M., 1937
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. radish mosaic
 Raychaudhuri, S.P. and P.S. Pathanian, 1955
 Takahashi, William N., 1952
 Tompkins, C.M., 1939
 V. rape savoy
 Ling, Lee and Juhwa Y. Yang, 1940
 V. raspberry yellow dwarf *
 Harrison, B.D., 1958
 V. tobacco mosaic
 Grant, T.J., 1934
 V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
 Lister, R.M., 1958
 V. turnip mosaic
 Berkeley, G.H. and M. Weintraub, 1952
 Clayton, E.E., 1930
 Dale, W.T., 1948
 Dana, B.F. and F.P. McWhorter, 1932
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Gardner, Max W. and James B. Kendrick, 1921
 Hoggan, I.A. and J. Johnson, 1935
- B. rapa, L. (cont.)
 V. turnip mosaic
 LeBeau, Francis J. and J.C. Walker, 1945
 Schultz, E.S., 1921
 Sylvester, Edward S., 1953
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
 Lister, R.M., 1958
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
 Lister, R.M., 1958
- B. spp.
 V. cabbage ring necrosis
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. mustard (black) ring spot *
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- BRASSOCATTLEYA X, Rolfe 1889 (Orchidaceae)
 B. dietrichiana *
 V. orchid (cymbidium) mosaic
 Jensen, D.D. and A.H. Gold, 1955
- BROMUS Dill. ex L. 1735 (Gramineae)
 B. brizaeformis, Fisch. & Mey.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- B. carinatus, Hook. & Arn.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- B. catharticus, Vahl
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1953
- V. lucerne dwarf
 Freitag, J.H., 1951
- B. commutatus, Schrad.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- V. ryegrass mosaic *
 Bruehl, G.W., H.V. Toko and H.H. McKinney, 1957
- B. erectus, Huds.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- B. inermis, Leyss
 V. barley stripe mosaic
 McKinney, H.H., 1951, 1953
- V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
- V. brome mosaic
 McKinney, H.H., 1953
 McKinney, H.H., H. Fellows and C.O. Johnston, 1942
- V. oat pseudo-rosette
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- B. japonicus, Thunb.
 V. barley stripe mosaic
 Slykhuis, J.T., 1952
- V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- V. wheat streak mosaic
 McKinney, H.H. and Hurley Fellows, 1951
 Slykhuis, J.T., 1952, 1955
- B. mollis, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1953
- V. ryegrass mosaic *
 Bruehl, G.W., H.V. Toko and H.H. McKinney, 1957
- B. racemosus, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- V. ryegrass mosaic *
 Bruehl, G.W., H.V. Toko and H.H. McKinney, 1957
- B. rigidus, Roth.
 V. barley yellow dwarf
 Allen, Thomas C., Jr. and Byron R. Houston, 1956

- B. *rigidus*, Roth (cont.)
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1953
 V. lucerne dwarf
 Freitag, Julius H., 1951
- B. *rubens*, L.
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
- B. *secalinus*, L.
 V. barley stripe mosaic
 Slykhuis, J.T., 1952
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 V. ryegrass mosaic *
 Bruehl, G.W., H.V. Toko and H.H. McKinney, 1957
 V. wheat streak mosaic
 Slykhuis, J.T., 1952, 1955
- B. spp.
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1952
 V. lucerne dwarf
 Freitag, Julius H., 1951
- B. *sterilis*, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- B. *tectorum*, L.
 V. barley stripe mosaic
 Slykhuis, J.T., 1952
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1953
 V. ryegrass mosaic *
 Bruehl, G.W., H.V. Toko and H.H. McKinney, 1957
 V. wheat streak mosaic
 Slykhuis, J.T., 1952, 1955
- B. *tomentellus*, Boiss.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- BROWALLIA** L. 1737 (Solanaceae)
 B. *americana*, L. (B. *demissa*, L.)
 V. aster yellows
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tomato spotted wilt
 Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
- B. *elata*, L.
 V. potato M *
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 V. potato paracrinkle
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 V. prunus B *
 Fulton, Robert W., 1957
- B. *speciosa*, Hook.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. beet mosaic
 Bennett, C.W., 1949
 V. cucumber mosaic
 Price, W.C., 1940
 V. potato X
 Dennis, R.W.G., 1939
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- B. *speciosa* var. major, Hort.
 V. tobacco mosaic
 Holmes, Francis O., 1938
- BRYONIA** L. 1735 (Cucurbitaceae)
 B. *dioica*, Jacq.
 V. cucumber mosaic
 Ainsworth, G.C., 1935
- BRYONOPSIS Arn. 1841 (Cucurbitaceae)
 B. *laciniosa*, Naud.
 V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
- BUDDLEIA Houst. ex L. 1737 (Loganiaceae)
 B. spp.
 V. cucumber mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- CAJANUS DC. 1813 (Leguminosae)
 C. *cajan*, (L.) Millsp.
 V. groundnut rosette
 Evans, A.C., 1954
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
 V. pigeon pea sterility mosaic
 Kapoor, S.P., 1952
- C. *indicus*, Spreng.
 V. bean yellow mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. cucumber mosaic
 Dale, W.T., 1949
- CALANDRINIA H. B. & K. 1823 (Portulacaceae)
 C. *grandiflora*, Lindl.
 V. aster yellows
 Kunkel, L.O., 1926
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- C. *menziesii*, Torr. & Gray
 V. beet curly top
 Carsner, Eubanks and C.F. Stahl, 1924
- CALCEOLARIA L. 1771 (Scrophulariaceae)
 C. *crenatiflora*, Cav.
 V. aster yellows
 Kunkel, L.O., 1926
- C. spp.
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- CALENDULA L. 1735 (Compositae)
 C. *officinalis*, L.
 V. aster yellows
 Kunkel, L.O., 1926
 Severin, Henry H.P. and Julius H. Freitag, 1945
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1940, 1941
 V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1957
 V. chrysanthemum Q
 (K.M. Smith, 1957) R.E. Fitzpatrick et al., 1958
 V. cucumber mosaic
 Nienow, Inez, 1948
 Pound, Glenn S. and J.C. Walker, 1948
 Price, W.C., 1940
 V. lucerne mosaic
 Richardson, D.E. and T.W. Tinsley, 1956
 V. lucerne witches' broom
 Helms, Katie, 1957
 V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tobacco ring spot
 Fulton, Robert W., 1941
 Pound, Glenn S., 1949
 Wingard, S.A., 1928
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 Hollings, M., 1955
 V. tomato big bud
 Helms, Katie, 1957
 V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. vaccinium false blossom
 Kunkel, L.O., 1945

- C. spp.
V. aster yellows
Severin, Henry H.P., 1934
- CALLISTEPHUS** Cass. 1825 (Compositae)
- C. chinensis, (L.) Nees
V. aster yellows
Black, L.M., 1941
Brierley, Philip and Floyd F. Smith, 1957
Freitag, Julius H., 1956
Johnson, Folke, 1941
Kunkel, L.O., 1924, 1926
Magie, R.O., Floyd F. Smith and Philip Brierley, 1952
Maramorosch, Karl, 1952, 1955
Raymer, W.B., 1956
Raymer, W.B. and Clark R. Amen, 1954
Severin, Henry H.P., 1929, 1932, 1934, 1940
Severin, Henry H.P. and Julius H. Freitag, 1945
Smith, Floyd F. and Philip Brierley, 1948, 1951, 1953
Younkin, S.G., 1943
- V. carnation ring spot*
Brierley, Philip and Floyd F. Smith, 1955, 1957
- V. chrysanthemum Q*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. hydrangea ring spot*
Brierley, Philip and Floyd F. Smith, 1952
- V. lucerne dwarf*
Freitag, Julius H., 1951
- V. potato stem mottle*
Van der Want, J.P.H., 1955
- V. potato yellow dwarf*
Black, L.M., 1938
- V. prunus B **
Fulton, Robert W., 1957
- V. strawberry green petal*
Frazier, N.W. and A.F. Posnette, 1957
- V. tobacco broad ring spot*
Johnson, James and Robert W. Fulton, 1942
- V. tobacco etch*
Holmes, Francis O., 1946
- V. tobacco mosaic*
Holmes, Francis O., 1946
- V. tobacco necrosis*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco ring spot*
Anderson, C.W., 1954
Cheo, Pen Ching and W.J. Zaumeyer, 1952
Wingard, S.A., 1928
- V. tobacco ring spot no. 2*
Brierley, Philip, 1954
Hildebrand, E.M., 1942
Price, W.C., 1940
- V. tobacco streak*
Fulton, Robert W., 1948
- V. tobacco yellow dwarf*
Helson, G.A.H., 1950
- V. tomato aspermy*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1953, 1955
Hollings, M., 1955
- V. tomato bushy stunt*
Smith, Kenneth M., 1935
- V. tomato spotted wilt*
Black, L.M., M.K. Brakke and A.E. Vatter, 1952
Gardner, M.W. and O.C. Whipple, 1934
Smith, Kenneth M., 1932
Tompkins, C.M. and M.W. Gardner, 1934
Whipple, O.C., 1936
- V. vaccinium false blossom*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- C. hortensis, Cass.
V. cucumber mosaic
Govier, D.A., 1957
- CALOCHORTUS** Pursh 1814 (Liliaceae)
- C. spp.
V. cucumber mosaic
Brierley, Philip and Floyd F. Smith, 1944
- V. tulip breaking*
Brierley, Philip and Floyd F. Smith, 1944
- CALONYCTION** Choisy 1833 (Convolvulaceae)
- C. aculeatum, (L.) House
V. sweet potato feathery mottle
Webb, Raymond E., 1954
- V. sweet potato foliage spotting disease **
Holmes, Francis O., 1956
- V. tobacco mosaic*
Holmes, Francis O., 1946
- CAMELINA** Crantz 1762 (Cruciferae)
- C. sativa, (L.) Crantz
V. cabbage black ring spot
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. cauliflower mosaic*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. turnip crinkle*
Broadbent, L. and G.D. Heathcote, 1958
- V. turnip rosette **
Broadbent, L. and G.D. Heathcote, 1958
- CAMELLIA** L. 1735 (Theaceae)
- C. japonica, L.
V. camellia yellow mottle leaf
Milbrath, J.A. and F.P. McWhorter, 1940
Plakidas, A.G., 1953, 1954
- C. sasanqua, Thunb.
V. camellia yellow mottle leaf
Plakidas, A.G., 1953, 1954
- C. thea, Link. *
- V. tea phloem necrosis*
Bond, T.E.T., 1944
- CAMPANULA** ((Tourn.)) L. 1735 (Campanulaceae)
- C. americana, L.
V. tomato spotted wilt
Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
- C. drabifolia, Sibth. & Sm.
V. tobacco etch
Holmes, Francis O., 1946
- V. tobacco mosaic*
Holmes, Francis O., 1946
- C. medium, L.
V. tobacco necrosis
Price, W.C., 1940
- V. tobacco ring spot*
Price, W.C., 1940
- V. tobacco ring spot no. 2*
Price, W.C., 1940
- C. pyramidalis, L.
V. tomato spotted wilt
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- CANAVALIA** DC. 1825 (Leguminosae)
- C. ensiformis, (L.) DC.
V. bean yellow mosaic
Thomas, H. Rex and W.J. Zaumeyer, 1953
- V. cowpea mosaic*
Anderson, C.W., 1955
- V. tobacco ring spot*
Capoor, S.P. and P.M. Varma, 1956
- Dale, W.T., 1949
- V. tobacco ring spot*
Cheo, Pen Ching and W.J. Zaumeyer, 1952
- C. gladiata, (Jacq.) DC.
V. cowpea mosaic
Anderson, C.W., 1955
- CANNA** L. 1735 (Cannaceae)
- C. edulis, Ker-Gawl.
V. canna mosaic
Celeno, M.S. and G.O. Ocfermia, 1941
- C. generalis, Bailey
V. aster yellows
Smith, Floyd F. and Philip Brierley, 1951
- V. canna mosaic*
Brierley, Philip and Floyd F. Smith, 1948
- Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
- C. glauca, L.
V. canna mosaic
Brierley, Philip and Floyd F. Smith, 1948
- Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956

- C. indica, L.
 V. cabbage black ring spot
 Hollings, M., 1957
- V. canna mosaic
 Brierley, Philip and Floyd F. Smith, 1948
- Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
- Ocfemria, G.O., Isidro S. Macaspac and Hsieh Feng Yuan, 1941
- V. cucumber mosaic
 Celino, Martin S., 1940
- Celino, M.S. and Aureo L. Martinez, 1956
- Magee, C.J.P., 1940
- V. tomato aspermy
 Ocfemria, G.O., 1956
- C. spp.
 V. cucumber mosaic
 Ocfemria, G.O. and Martin S. Celino, 1938
- V. lucerne dwarf
 Freitag, Julius H., 1951
- CAPSELLA** Medic. 1792 (Cruciferae)
 (Bursa) Weber 1780
- C. bursa-pastoris, (L.) Medik.
 V. anemone mosaic *
 Hollings, M., 1957
- V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- V. beet curly top
 Severin, Henry H.P., 1929, 1934
- V. beet mosaic
 Pound, Glenn S., 1947
- V. beet ring spot *
 Harrison, B.D., 1957
- V. beet yellows
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Roland, G. and J. Tahon, 1961
- V. cabbage black ring spot
 Hamlyn, Brenda M.G., 1953
- Hollings, M., 1957
- Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
- V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
- V. cauliflower mosaic
 Tompkins, C.M., 1937
- Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. clover big vein
 Black, L.M., 1945
- Lee, C.L., 1956
- V. cucumber mosaic
 Burnett, G., 1934
- Pound, Glenn S. and J.C. Walker, 1948
- V. potato yellow dwarf
 Hansing, E.D., 1942
- V. radish mosaic
 Tompkins, C.M., 1939
- V. tobacco broad ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- V. tobacco ring spot
 Pound, Glenn S., 1949
- V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
- V. turnip mosaic
 Berkeley, G.H. and M. Weintraub, 1952
- Pound, Glenn S., 1948
- Tompkins, C.M., 1938, 1939
- Tompkins, C.M., and H. Rex Thomas, 1938
- Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
- (B. bursa-pastoris), Shafer
 V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
- CAPSICUM** ((Tourn.)) L. 1735 (Solanaceae)
- C. cerasiforme, Mill.
 V. tobacco mosaic
 Allard, H.A., 1916
- C. frutescens, L. (C. annuum, L.)
 V. beet curly top
 Costa, A.S., 1952
- Kendrick, J.B., Jr., L.D. Anderson and R.C. Dickson, 1951
- Severin, Henry H.P., 1929
- V. carrot motley dwarf
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. chilli (pepper) mosaic
 Dale, W.T., 1954
- Ferguson, I.A.C., 1951
- Jha, Ashrafi and S.P. Raychaudhuri, 1956
- V. chilli veinbanding
 Simons, J.N., 1956, 1957
- V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
- Anderson, C.W., 1951, 1955, 1957
- Anderson, C.W. and M.K. Corbett, 1957
- Berkeley, G.H., 1951, 1953
- Doolittle, S.P., 1931
- Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
- Fulton, Robert W., 1941
- Harter, L.L., 1938
- Hoggan, Isme A., 1927
- Hollings, M., 1955
- Johnson, E.M., 1930
- Johnson, J., 1926, 1927
- Nariani, T.K. and Nirmaljit Singh, 1952
- Simons, J.N., 1955, 1957
- Wellman, F.L., 1935
- Whipple, O.C. and J.C. Walker, 1941
- V. cucurbit mosaic *
 Doolittle, S.P., 1921
- Doolittle, S.P. and M.N. Walker, 1925
- V. datura distortion mosaic
 Kapoor, S.P. and P.M. Varma, 1952
- V. eggplant mosaic
 Dale, W.T., 1954
- Ferguson, I.A.C., 1951
- V. lovage mosaic
 Smith, K.M. and Roy Markham, 1944
- V. lucerne mosaic
 Berkeley, G.H., 1947
- Dykstra, T.P., 1939
- Houston, Byron R. and John W. Oswald, 1953
- Johnson, E.M., 1946
- Kreitlow, K.W. and W.C. Price, 1948, 1949
- Oswald, John W., 1948, 1950
- Porter, D.R., 1935
- Price, W.C., 1940
- Swenson, K.G., 1952
- V. lupine disease *
 Weimer, J.L., 1950
- V. (physalis) mosaic *
 Melhus, I.E., 1922
- V. potato aucuba mosaic
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- Dennis, R.W.G., 1939
- V. potato leaf roll
 Dykstra, T.P., 1930
- V. potato stunt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. potato X
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- Blodgett, F.M., 1927
- Cockerham, George, 1943
- Dennis, R.W.G., 1939
- Hoggan, Isme A., 1927
- Hoyman, Wm. G., 1951
- Johnson, E.M., 1930
- Johnson, J., 1925, 1927
- Larson, R.H., 1947
- Smith, J. Henderson, 1928
- Vasudeva, R. Sahai and T.B. Lal, 1944
- V. potato Y
 Alvarez-Garcia, L.A. and Jose Adsuar, 1943
- Anderson, C.W. and M.K. Corbett, 1957
- Bald, J.G. and D.O. Norris, 1945
- Dennis, R.W.G., 1939
- Dykstra, T.P., 1939

- C. frutescens, L. (*C. annuum*, L.) (cont.)
- V. potato Y
 - Easton, G.D., R.H. Larson and R.W. Hougas, 1958
 - Hoggan, Isme A., 1927
 - Hutton, E.M. and J.W. Peak, 1952
 - Johnson, E.M., 1930
 - Johnson, J., 1927
 - Roque, Arturo and Jose Adsuar, 1941
 - Sakimura, K., 1953
 - Simons, J.N., Robert A. Conover and James M. Walter, 1956
 - V. sweet potato mosaic
 - Elmer, O.H., 1957
 - V. tobacco etch
 - Anderson, C.W., 1954
 - Anderson, C.W. and M.K. Corbett, 1957
 - Doolittle, S.P., 1946
 - Greenleaf, W.H., 1953, 1956
 - Holmes, Francis O., 1942, 1946
 - Johnson, E.M., 1930
 - V. tobacco green mosaic
 - Peterson, Paul D. and H.H. McKinney, 1938
 - V. tobacco mosaic
 - Abbott, E.V., 1931
 - Ainsworth, G.C., 1933
 - Anderson, C.W. and M.K. Corbett, 1957
 - Berkeley, G.H., 1951
 - Cox, C.E. and L.O. Weaver, 1950
 - Dale, W.T., 1954
 - Desjardins, P.R., J.M. Wallace and R.J. Drake, 1954
 - Doolittle, S.P. and F.S. Beecher, 1942
 - Dykstra, T.P., 1939
 - Greenleaf, W.H., 1953
 - Heuberger, J.W., 1944
 - Hoggan, Isme A., 1927
 - Holmes, Francis O., 1934, 1937, 1946
 - Jensen, D.D., 1949
 - Johnson, J., 1926, 1927
 - Kendrick, J.B., Jr., L.D. Anderson and R.C. Dickson, 1951
 - McKinney, H.H., 1929, 1952
 - Perez, J. Enrique, J. Adsuar and Orlando Sala, 1956
 - Schwarze, C.A., 1914
 - Stover, W.G. and M.T. Vermillion, 1933
 - Woods, M.W. and Richard V. Eck, 1948
 - V. tobacco necrosis
 - Price, W.C., 1940
 - V. tobacco ring spot
 - Anderson, C.W., 1954
 - Berkeley, G.H., 1951
 - Steere, Russell L., 1956
 - V. tobacco streak
 - Fulton, Robert W., 1948
 - V. tomato aspermy
 - Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1953, 1955
 - Hollings, M., 1955
 - V. tomato bumpy top
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. tomato ring spot
 - Samson, R.W. and E.P. Imle, 1942
 - V. tomato spotted wilt
 - Ferguson, I.A.C., 1951
 - Gardner, M.W. and O.C. Whipple, 1934
 - Kendrick, J.B., Jr., L.D. Anderson and R.C. Dickson, 1951
 - Smith, Kenneth M., 1932
 - Tompkins, C.M. and M.W. Gardner, 1934
 - Yu, T.F., 1947
 - V. tomato twisted leaf
 - Ferguson, I.A.C., 1951
 - V. yam mosaic *
 - Adsuar, J., 1955
 - C. frutescens (*C. annuum*, L.) var. cerasiforme,
 - V. cucumber mosaic Bailey
 - Pound, Glenn S. and J.C. Walker, 1948
 - C. frutescens (*C. annuum*, L.) var. conoides, Irish
 - V. cucumber mosaic
 - Wellman, F.L., 1934
 - C. frutescens (*C. annuum*, L.) var. Golden Dawn x (var. Golden Dawn x var. minimum)
 - V. tobacco mosaic
 - Holmes, Francis O., 1934
 - C. frutescens (*C. annuum*, L.) var. Golden Dawn x var. minimum
 - V. tobacco mosaic
 - Holmes, Francis O., 1934
 - C. frutescens (*C. annuum*, L.) var. grossum, Bailey
 - V. beet curly top
 - Costa, A.S., 1952
 - V. chilli (pepper) mosaic
 - Dale, W.T., 1954
 - Ferguson, I.A.C., 1951
 - V. cucumber mosaic
 - Wellman, F.L., 1934, 1935
 - V. tomato spotted wilt
 - Sakimura, K., 1940
 - C. frutescens (*C. annuum*, L.) var. longum, Bailey
 - V. chilli veinbanding
 - Simons, J.N., 1956
 - C. frutescens (*C. annuum*, L.) var. minimum *
 - V. chilli (pepper) mosaic
 - Dale, W.T., 1954
 - Ferguson, I.A.C., 1951
 - C. frutescens (*C. annuum*, L.) var. Tabasco x var. Ruby King
 - V. tobacco mosaic
 - Holmes, Francis O., 1934
 - C. microcarpum, Cav.
 - V. tobacco etch
 - Greenleaf, W.H., 1953
 - V. tobacco mosaic
 - Greenleaf, W.H., 1953
 - C. pendulum, Willd.
 - V. tobacco etch
 - Greenleaf, W.H., 1953
 - C. spp.
 - V. tobacco mosaic
 - McKinney, H.H., 1928
 - V. tomato spotted wilt
 - Smith, K.M., 1931, 1932
 - CARDAMINE ((Tourn.)) L. 1735 (Cruciferae)
 - C. hirsuta, L.
 - V. cabbage black ring spot
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - CARDIOSPERMUM L. 1735 (Sapindaceae)
 - C. halicacabum, L.
 - V. beet curly top
 - Freitag, Julius H. and Henry H.P. Severin, 1936
 - V. tobacco ring spot
 - Price, W.C., 1940
 - CARICA L. 1737 (Caricaceae)
 - C. papaya, L.
 - V. papaw bumpy top
 - Bird, Julio and Jose Adsuar, 1952
 - V. papaw mosaic
 - Adsuar, Jose, 1946, 1947
 - V. papaw ring spot
 - Holmes, Francis O., J.W. Hendrix, W. Ikeda, D.D. Jensen, R.C. Lindner, and W.B. Storey, 1948
 - Jensen, D.D., 1949
 - V. tobacco leaf curl
 - Goenaga, Alvaro, 1945
 - Nariani, T.K., 1956
 - V. tobacco mosaic
 - Holmes, Francis O., 1946
 - CARTHAMUS ((Tourn.)) L. 1735 (Compositae)
 - C. tinctorius, L.
 - V. chilli (pepper) mosaic
 - Jha, Ashrafi and S.P. Raychaudhuri, 1956
 - V. prunus A *
 - Fulton, Robert W., 1957
 - V. prunus B *
 - Fulton, Robert W., 1957
 - V. prunus E *
 - Fulton, Robert W., 1957

- C. tinctorius, L. (cont.)
 V. prunus G *
 Fulton, Robert W., 1957
- CARUM Rupp. ex L. 1735 (Umbelliferae)
 C. carvi, L.
 V. celery mosaic
 Freitag, Julius H. and Henry H.P. Severin, 1945
 Severin, Henry H.P. and Julius H. Freitag, 1938
- CARYA Nutt. 1818 (Juglandaceae)
 (HICORIA) Rafin. 1838
- C. illinoensis, (Wang.) K. Koch
 V. (pecan) bunch *
 Cole, J.R., 1937
 - (H. aquatica), (Michx. f.) Nutt.
 V. (pecan) bunch *
 Cole, J.R., 1937
- CASSIA Tourn. ex L. 1735 (Leguminosae)
 C. absus, L.
 V. groundnut rosette
 Evans, A.C., 1954
- C. marilandica, L.
 V. prunus E *
 Fulton, Robert W., 1957
- C. tora, L.
 V. bean yellow mosaic
 Corbett, M.K., 1957
- V. cowpea mosaic
 Anderson, C.W., 1954, 1955
- V. potato Y
 Anderson, C.W., 1954
- V. prunus A *
 Fulton, Robert W., 1957
- V. prunus E *
 Fulton, Robert W., 1957
- V. prunus G *
 Fulton, Robert W., 1957
- V. tobacco etch
 Anderson, C.W., 1954
- CATHARANTHUS G. Don 1836 (Apocynaceae)
 C. roseus, (L.) Don
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
- CATTLEYA Lindl. 1824 (Orchidaceae)
 C. mossiae, Hook.
 V. orchid (cattleya) mosaic
 Jensen, D.D., 1949
- C. spp.
 V. orchid (cattleya) mosaic
 Murakishi, Harry H., 1952
- V. orchid (cymbidium) mosaic
 Murakishi, Harry H. and M. Ishii, 1954
- V. orchid (odontoglossum) ring spot
 Jensen, D.D. and A. Herbert Gold, 1952
- V. tobacco mosaic
 Perez, J. Enrique, J. Adsuar and Orlando Sala, 1956
- C. trianaei, Lind. & Reichb. f.
 V. orchid (cattleya) mosaic
 Jensen, D.D., 1949
- V. orchid (cymbidium) mosaic
 Jensen, D.D. and A. Herbert Gold, 1955
- C. waltersiana *
 V. orchid (cymbidium) mosaic
 Jensen, D.D. and A. Herbert Gold, 1955
- CEIBA Gaertn. (Bombacaceae)
 C. cordifolia *
 V. cacao swollen shoot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- C. pentandra, Gaertn.
 V. cacao swollen shoot
 Attafuah, A. and T.W. Tinsley, 1958
- Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
- Tinsley, T.W. and A.L. Wharton, 1958
- CELERI Adans. 1763 (Umbelliferae)
 C. graveolens, Britton
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
- CELOSIA L. 1737 (Amaranthaceae)
 C. argentea, L.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. chrysanthemum latent *
 Hollings, M., 1957
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- C. argentea var. cristata, Kuntze
 V. beet curly top
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Severin, Henry H.P. and Julius H. Freitag, 1934
- V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1957
- V. cucumber mosaic
 Price, W.C., 1940
- V. lucerne mosaic
 Kreitlow, K.W. and W.C. Price, 1949
- V. potato leaf roll
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- V. turnip mosaic
 Pound, Glenn S., 1948
- Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- C. argentea var. plumosa *
 V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
- CENTAUREA L. 1737 (Compositae)
 C. americana, Nutt.
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
- V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. tobacco mosaic
 Holmes, Francis O., 1946
- C. cyanus, L.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- Severin, Henry H.P. and Julius H. Freitag, 1945
- V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. chrysanthemum stunt
 Brierley, Philip, 1950, 1953
- Keller, John R., 1953
- V. cynarus curly dwarf
 Morton, Donald J., 1957
- C. imperialis, Hort.
 V. aster yellows
 Kunkel, L.O., 1926, 1928
- V. prunus A *
 Fulton, Robert W., 1957
- V. prunus B *
 Fulton, Robert W., 1957
- V. prunus E *
 Fulton, Robert W., 1957
- V. prunus G *
 Fulton, Robert W., 1957
- V. vaccinium false blossom
 Kunkel, L.O., 1945
- C. margaritacea, Ten.
 V. aster yellows
 Kunkel, L.O., 1926
- C. melitensis, L.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945

- C. *montana*, L.
 V. tobacco mosaic
 Holmes, Francis O., 1946
- C. *moschata*, L.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. cucumber mosaic
 Price, W.C., 1940
- V. tobacco ring spot
 Price, W.C., 1940
- V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- CERASTIUM ((Dill.)) L. 1735 (Caryophyllaceae)**
- C. spp.
 V. raspberry yellow dwarf *
 Harrison, B.D., 1958
- C. *viscosum*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- C. *vulgatum*, L.
 V. anemone mosaic *
 Hollings, M., 1957
- V. tobacco mosaic
 Holmes, Francis O., 1938
- V. tobacco streak
 Fulton, Robert W., 1948
- CHARIEIS Cass. 1817 (Compositae)**
- C. *heterophylla*, Cass.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- CHAYOTA Jacq. 1780 (Cucurbitaceae)**
- C. *edulis*, Jacq.
 V. cucumber mosaic
 Wellman, F.L., 1935
- CHEIRANTHUS L. 1737 (Cruciferae)**
- C. *allionii*, Hort.
 V. aster yellows
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
- V. cucumber mosaic
 Pound, Glenn S. and J.C. Walker, 1948
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. turnip mosaic
 Pound, Glenn S., 1948
- C. *cheiri*, L.
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
- V. cabbage black ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Hollings, M., 1957
- Tompkins, C.M., M.W. Gardner, and H. Rex Thomas, 1937, 1938
- V. cauliflower mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
- V. cucumber mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tomato black ring
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tomato spotted wilt
 Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
- V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
- V. turnip mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
- Berkeley, G.H. and M. Weintraub, 1952
- Pound, Glenn S., 1948
- Tompkins, C.M., 1939
- Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
- C. *cheiri*, L. (cont.)
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
- C. spp.
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- CHELIDONIUM Tourn. ex L. 1735 (Papaveraceae)**
- C. *majus*, L.
 V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- CHENOPODIUM ((Tourn.)) L. 1735 (Chenopodiaceae)**
- C. *album*, L.
 V. anemone mosaic *
 Hollings, M., 1957
- V. barley stripe mosaic
 Sill, W.H., Jr. and E.D. Hansing, 1955
- V. beet curly top
 Bennett, C.W. and Aziz Tanrisever, 1957
- Carsner, E., 1919
- Lackey, C.F., 1929
- Severin, Henry H.P., 1934
- Severin, Henry H.P. and Charles F. Henderson, 1928
- V. beet leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. beet mosaic
 Pound, Glenn S., 1947
- Severin, Henry H.P. and Roger M. Drake, 1947
- V. beet yellows
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Roland, G. and J. Tahon, 1961
- V. brome mosaic
 McKinney, H.H., 1953
- V. cabbage black ring spot
 Hollings, M., 1957
- Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1937, 1938
- V. carnation mosaic
 Brierley, Philip and Floyd F. Smith, 1957
- Gasiorkiewicz, E.C., 1956
- V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1957
- V. cucumber mosaic
 Fulton, Joseph P., 1950
- V. dodder latent mosaic
 Bennett, C.W., 1944
- V. hydrangea ring spot
 Brierley, Philip and Paul Lorentz, 1957
- V. potato M *
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- V. potato parcrinkle
 Bagnall, R.H. and R.H. Larson, 1957
- Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- V. potato X
 Thompson, A.D., 1956
- V. radish mosaic
 Tompkins, C.M., 1939
- V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
- V. tobacco etch
 Greenleaf, W.H., 1953
- V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- V. tobacco ring spot
 Wingard, S.A., 1928
- V. tobacco streak
 Fulton, Robert W., 1948
- V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
- V. turnip mosaic
 Pound, Glenn S., 1948
- Tompkins, C.M., 1938, 1939
- Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- C. *album* var. *viride*, (L.) Pursh
 V. beet curly top
 Lackey, C.F., 1929
- C. *amaranticolor*, Coste & Reyn.
 V. anemone brown ring *
 Hollings, M., 1957, 1958

- C. amaranticolor, Coste & Reyn. (cont.)
 V. anemone latent *
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. anemone mosaic *
 Hollings, M., 1956, 1957
 V. barley stripe mosaic
 Hollings, M., 1957
 V. bean yellow mosaic
 Hollings, M., 1957
 V. beet curly top
 Bennett, C.W. and Aziz Tanrisever, 1957
 V. beet mosaic
 Hollings, M., 1957
 V. beet ring spot *
 Harrison, B.D., 1957
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. broad bean mottle
 Hollings, M., 1957
 V. cabbage black ring spot
 Hollings, M., 1956, 1957
 V. carnation mosaic
 Brierley, Philip and Floyd F. Smith, 1957
 V. carnation mottle
 Brierley, Philip and Floyd F. Smith, 1957
 Hollings, M., 1956
 V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1957
 Hollings, M., 1956
 V. carnation vein mottle
 Hollings, M., 1956
 V. chrysanthemum D *
 Hollings, M., 1956
 V. chrysanthemum latent *
 Hollings, M., 1957
 V. cucumber mosaic
 Harrison, B.D., 1958
 Hollings, M., 1955, 1956
 V. dandelion yellow mosaic
 Hollings, M., 1956
 V. dock mosaic
 Hollings, M., 1956
 V. henbane mosaic
 Hollings, M., 1956
 V. hydrangea ring spot
 Brierley, Philip and Paul Lorentz, 1956, 1957
 Hollings, M., 1957
 V. iris mosaic
 Hollings, M., 1956
 V. irisring spot *
 Travis, R.V., 1957
 V. lettuce mosaic
 Hollings, M., 1957
 V. lucerne mosaic
 Hollings, M., 1957
 V. narcissus stripe *
 Hollings, M., 1957
 V. orchid (*cymbidium*) mosaic
 Hollings, M., 1956
 V. pea mosaic
 Hollings, M., 1957
 V. pelargonium leaf curl
 Hollings, M., 1956
 V. potato aucuba mosaic
 Hollings, M., 1957
 V. potato paracrinkle
 Hollings, M., 1956
 V. potato X
 Hollings, M., 1956
 V. potato Y
 Hollings, M., 1956
 V. privet mosaic *
 Hollings, M., 1956
 V. raspberry Scottish leaf curl
 Harrison, B.D., 1958
 Lister, R.M., 1958
 V. raspberry yellow dwarf *
 Harrison, B.D., 1958
 Lister, R.M., 1958
 V. tobacco etch
 Hollings, M., 1956
 V. tobacco mosaic
 Hollings, M., 1956
- C. amaranticolor, Coste & Reyn. (cont.)
 V. tobacco necrosis
 Hollings, M., 1957
 V. tobacco ring spot
 Hollings, M., 1956, 1957
 V. tomato aspermy
 Hollings, M., 1955, 1956
 V. tomato black fleck *
 Hollings, M., 1957
 V. tomato black ring
 Harrison, B.D., 1958
 Hollings, M., 1956
 V. tomato spotted wilt
 Hollings, M., 1956
 V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
 Hollings, M., 1957
 Lister, R.M., 1958
- C. ambrosioides, L.
 V. beet curly top
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Severin, Henry H.P., 1934
 Severin, Henry H.P. and Charles F. Henderson, 1928
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. lucerne dwarf
 Freitag, J.H., 1951
 V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- C. ambrosioides var. *anthelminticum*, (L.) A. Gray
 V. cowpea mosaic
 Anderson, C.W., 1955
- C. bonus-henricus, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- C. botrys, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- C. californicum, S. Wats.
 V. beet curly top
 Severin, Henry H.P., 1934
 Severin, Henry H.P. and Charles F. Henderson, 1928
- C. capitatum, (L.) Asch.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- C. cificolium, Sm.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- C. foliosum, (Moench) Asch.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- C. giganteum, D. Don
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- C. glaucum, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. tobacco mosaic
 Holmes, Francis O., 1946
- C. hybridum, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. cucumber mosaic
 Roberts, Daniel A., 1952
 Roberts, Daniel A., R.E. Wilkinson and A. Frank Ross, 1951
- V. eggplant mosaic
 Dale, W.T., 1954
- V. tobacco ring spot
 Benedict, W.G., 1955
- C. leptophyllum, Nutt. ex S. Wats.
 V. beet curly top
 Severin, Henry H.P., 1934
 Severin, Henry H.P. and Charles F. Henderson, 1928
- V. beet yellows
 Roland, G. and J. Tahon, 1961
- C. murale, L.
 V. beet curly top
 Bennett, C.W. and Aziz Tanrisever, 1957
 Carsner, E., 1925

- C. murale*, L. (cont.)
 V. beet curly top
 Carsner, E. and C.F. Stahl, 1924
 Giddings, N.J., 1944
 Lackey, C.F., 1932, 1937
 Severin, Henry H.P., 1934
 Severin, Henry H.P. and Charles F. Henderson, 1928
 V. beet mosaic
 Severin, Henry H.P. and Roger M. Drake, 1947
 V. beet yellows
 Costa, A.S. and C.W. Bennett, 1955
 Roland, G. and J. Tahon, 1961
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex
 Thomas, 1937, 1938
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. dodder latent mosaic
 Bennett, C.W., 1944
 V. radish mosaic
 Tompkins, C.M., 1939
 V. turnip mosaic
 Tompkins, C.M., 1939
C. opulifolium, Schrad.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
C. polyspermum, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
C. quinoa, Willd.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
C. rubrum, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. tobacco mosaic
 Holmes, Francis O., 1946
C. spp.
 V. beet yellows
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. potato X
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tobacco broad ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tobacco mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tobacco ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tobacco streak
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
C. suecicum, Murr. *
 V. beet yellows
 Roland, G. and J. Tahon, 1961
C. urbicum, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. lettuce mosaic
 Wilkinson, R.E. and Ursula Hirsch, 1952
 V. potato Y
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
 Ross, A. Frank, 1948
C. vulvaria, L. - foetidum *
 V. beet yellows
 Roland, G. and J. Tahon, 1961
C. watsoni, A. Nels.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
CHLORIS Sw. 1788 (Gramineae)
C. gayana, Kunth.
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
C. virgata, Swartz
 V. maize streak
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
CHRYSANTHEMUM ((Tourn.)) L. 1735 (Compositae)
C. carinatum, L.
 V. anemone mosaic *
 Hollings, M., 1957
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
 C. carinatum, L. (cont.)
 V. cabbage black ring spot
 Hollings, M., 1957
 V. chrysanthemum Q
 Hollings, M., 1957
 V. chrysanthemum stunt
 Brierley, Philip, 1950, 1953
 V. cucumber mosaic
 Govier, D.A., 1957
 V. tomato aspermy
 Hollings, M., 1955
C. cinerariifolium (Trev.) Vis.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
C. coccineum, Willd.
 V. chrysanthemum stunt
 Brierley, Philip, 1950, 1953
 V. tomato aspermy
 Hollings, M., 1955
C. coronarium, L.
 V. aster yellows
 Kunkel, L.O., 1926
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex
 Thomas, 1938
 V. chrysanthemum stunt
 Brierley, Philip, 1950, 1953
C. corymbosum, L.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
C. frutescens, L.
 V. aster yellows
 Kunkel, L.O., 1926
 Severin, Henry H.P. and Julius H. Freitag, 1945
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. chrysanthemum stunt
 Brierley, Philip, 1953
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
C. hortorum, Bailey
 V. aster yellows
 Smith, Floyd F. and Philip Brierley, 1948
 V. chrysanthemum Q
 Graham, D.C., 1957
 V. chrysanthemum stunt
 Brierley, Philip, 1950
 V. cucumber mosaic
 Graham, D.C., 1957
 V. tomato aspermy
 Graham, D.C., 1957
C. indicum, L.
 V. chrysanthemum Q
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. chrysanthemum ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. chrysanthemum rosette
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. chrysanthemum stunt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tomato aspermy
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Hollings, M., 1955
C. lacustre, Brot.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
C. leucanthemum, L.
 V. aster yellows
 Kunkel, L.O., 1926
 V. chrysanthemum stunt
 Brierley, Philip, 1953
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
C. leucanthemum var. maximum *
 V. aster yellows
 Kunkel, L.O., 1926
C. leucanthemum var. *pinnatifidum*, Lecoq. & Lamotte
 V. clover big vein
 Black, L.M., 1945

- C. majus*, (Desf.) Asch.
 V. *chrysanthemum* stunt
 Brierley, Philip, 1953
- C. maximum*, Ramond
 V. *aster yellows*
 Kunkel, L.O., 1926
- V. *chrysanthemum* stunt
 Brierley, Philip, 1953
- C. morifolium*, (Ramat.) Hemsl.
 V. *aster yellows*
 Brierley, Philip and Floyd F. Smith, 1957
- Smith, Floyd F. and Philip Brierley, 1953
- V. *chrysanthemum* latent *
 Hollings, M., 1957
- V. *chrysanthemum* Q
 Brierley, Philip, 1955
- Brierley, Philip and Floyd F. Smith, 1953
- Hollings, M., 1957
- Holmes, Francis O., 1956
- Keller, John R., 1951, 1953
- V. *chrysanthemum* ring spot
 Brierley, Philip and Floyd F. Smith, 1955
- V. *chrysanthemum* stunt
 Brierley, Philip, 1953
- Brierley, Philip and Floyd F. Smith, 1949, 1955
- Keller, John R., 1951, 1953
- Welsh, Maurice F., 1948
- V. *chrysanthemum* vein mottle *
 Hollings, M., 1957
- V. *cucumber mosaic*
 Hollings, M., 1955
- Whipple, O.C. and J.C. Walker, 1941
- V. *tomato aspermy*
 Blencowe, J.W. and John Caldwell, 1949
- Brierley, Philip, 1955
- Brierley, Philip and Floyd F. Smith, 1953, 1957
- Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1953, 1955
- Hollings, M., 1955
- Holmes, Francis O., 1956
- Ocfemia, G.O., 1956
- V. *tomato spotted wilt*
 Gardner, M.W. and O.C. Whipple, 1934
- C. myconis*, L.
 V. *chrysanthemum* stunt
 Brierley, Philip, 1953
- C. nivellei*, Braun-Blanq. & Maire
 V. *chrysanthemum* stunt
 Brierley, Philip, 1953
- C. parthenium*, (L.) Bernh.
 V. *beet curly top*
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. *chrysanthemum* stunt
 Brierley, Philip, 1953
- C. parthenium* f. *flosculosum*, (DC.) Beck *
 V. *chrysanthemum* stunt
 Brierley, Philip, 1953
- V. *tomato aspermy*
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- C. praealtum*, Vent.
 V. *chrysanthemum* stunt
 Brierley, Philip, 1950, 1953
- C. segetum*, L.
 V. *aster yellows*
 Severin, Henry H.P. and Julius H. Freitag, 1934, 1945
- V. *cucumber mosaic*
 Govier, D.A., 1957
- C. segetum* x *C. carinatum*, L.
 V. *aster yellows*
 Severin, Henry H.P. and Julius H. Freitag, 1945
- C. spp.*
 V. *aster yellows*
 Kunkel, L.O., 1926
- V. *chrysanthemum* stunt
 Brierley, Philip, 1953
- V. *cucumber mosaic*
 Govier, D.A., 1957
- Price, W.C., 1940
- V. *lucerne mosaic*
 Price, W.C., 1940
- V. *tobacco ring spot*
 Price, W.C., 1940
- V. *tobacco*
- V. *tomato spotted wilt*
 Sakimura, K., 1940
- C. intybus*, L.
 V. *aster yellows*
 Severin, Henry H.P. and Julius H. Freitag, 1945
- V. *lettuce mosaic*
 Grogan, R.G., J.E. Welch and Roy Bardin, 1952
- V. *tomato spotted wilt*
 Sakimura, K., 1940
- CINERARIA* L. p.p. 1763 (Compositae)
- C. cruenta*, Mass.
 V. *cineraria mosaic*
 Jones, Leon K., 1944
- V. *tomato spotted wilt*
 Jones, Leon K., 1944
- CIRSIUM* ((Tourn.)) Adans. 1763 (Compositae)
- C. arvense*, (L.) Scop.
 V. *raspberry Scottish leaf curl*
 Harrison, B.D., 1958
- V. *tobacco mosaic*
 Boyle, John S. and David C. Wharton, 1956
- CITROPSIS* Swingle & Kellerman 1913 (Rutaceae)
- C. articulata*, Swingle & Kellerman
 V. *citrus tristeza*
 Hughes, W.A. and C.A. Lister, 1953
- CITRULLUS* Forsk. 1775 (Cucurbitaceae)
- C. citrullus*, Small
 V. *cucumber mosaic*
 Adsuar, Jose and A. Cruz Miret, 1950
- C. colocynthis*, Schrad.
 V. *prunus A* *
 Fulton, Robert W., 1957

- C. *coccolithus*, Schrad. (cont.)
 V. *prunus* B *
 Fulton, Robert W., 1957
- C. *vulgaris*, Schrad.
 V. beet curly top
 Lackey, C.F., 1929
 Severin, Henry H.P. and Charles F. Henderson, 1928
- V. cucumber green mottle mosaic
 Ainsworth, G.C., 1935
- V. cucumber mosaic
 Anderson, C.W., 1951
 Aycock, Robert, 1951
 Bhargava, K.S., 1951
 Jagger, I.C., 1918
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Porter, R.H., 1930
 Pound, Glenn S. and J.C. Walker, 1948
 Vasudeva, R. Sahai and T.B. Lal, 1943
 Wellman, F.L., 1934, 1935
 Whipple, O.C. and J.C. Walker, 1941.
- V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
- V. muskmelon mosaic
 Anderson, C.W., 1954
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
- V. *prunus* A *
 Ehlers, Clifford G. and J. Duain Moore, 1957
 Fulton, Robert W., 1957
- V. *prunus* B *
 Ehlers, Clifford G. and J. Duain Moore, 1957
 Fulton, Robert W., 1957
- V. *prunus* E *
 Ehlers, Clifford G. and J. Duain Moore, 1957
- V. rose mosaic
 Fulton, Robert W., 1952
- V. squash mosaic
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
- V. squash mosaic (southern)
 Anderson, C.W., 1951
- V. tobacco mosaic
 McKinney, H.H. and Robert W. Fulton, 1949
- V. tobacco necrosis
 Fulton, Robert W., 1950
- V. tobacco ring spot
 Anderson, C.W., 1954
 Bridgmon, G.H. and J.C. Walker, 1952
 Grogan, R.G. and W.C. Schnathorst, 1955
 McKeen, C.D., 1957
 Pound, Glenn S., 1949
 Rosberg, David W., 1953
 Shepard, Robert J. and F. Ben Struble, 1956
 Steere, Russell L., 1956
 Wingard, S.A., 1928
- V. tobacco streak
 Fulton, Robert W., 1948
- V. watermelon mosaic
 Anderson, C.W., 1952, 1954
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Pound, Glenn S., 1949
 Walker, M.N., 1933
- V. western watermelon mosaic
 Freitag, J.H., 1952
- C. *vulgaris* var. *citroides*
 V. beet curly top
 Severin, Henry H.P. and Charles F. Henderson, 1928
- V. muskmelon mosaic
 Anderson, C.W., 1954
- V. *prunus* A *
 Fulton, Robert W., 1957
- V. *prunus* B *
 Fulton, Robert W., 1957
- V. squash mosaic
 Freitag, J.H., 1956
- V. tobacco ring spot
 Anderson, C.W., 1954
- V. watermelon mosaic
 Anderson, C.W., 1954
- CITRUS L. 1735 (Rutaceae)
- C. *aurantifolia*, (Christm.) Swingle
 V. citrus psoriasis
 Wallace, J.M., 1951
- C. *aurantifolia*, (Christm.) Swingle (cont.)
 V. citrus psoriasis
 Weathers, L.G., E.C. Calavan and J.M.
 Wallace, 1956
- V. citrus tristeza
 Dickson, R.C., Metta McD. Johnson, R.A. Flock and Edward F. Laird, Jr., 1956
 Grant, Theodore J. and Henry Schneider, 1953
 Hughes, W.A. and C.A. Lister, 1953
 Knorr, L.C., 1956
 Olson, Edward O., 1956
 Wallace, J.M., 1951, 1957
 Wallace, J.M., P.C.J. Oberholzer and J.D.J.
 Hofmeyer, 1956
 Wallace, J.M., I. Reichert, A. Bentel and E.
 Winocour, 1956
- V. citrus vein-yellowing disease *
 Weathers, L.G., 1957
- V. citrus xyloporosis
 Childs, J.F.L., 1956
- C. *aurantifolia* x *Fortunella margarita*, (Lour.) Swingle
 V. citrus vein-yellowing disease *
 Weathers, L.G., 1957
- C. *aurantium*, L.
 V. citrus tristeza
 Costa, A.S. and T.J. Grant, 1951
 Grant, T.J. and A.S. Costa, 1951
 Hughes, W.A. and C.A. Lister, 1953
 Olson, Edward O., 1956
- C. *combara*, Raf.
 V. citrus tristeza
 Knorr, L.C., 1956
- C. *grandis*, (L.) Osbeck
 V. citrus tristeza
 Carpenter, J.B., 1957
 Wallace, James M., 1957
- C. *grandis* on *C. aurantium*, L.
 V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
- C. *hystricula*, DC.
 V. citrus tristeza
 Knorr, L.C., 1956
- C. *limon*, (L.) Burm. f.
 V. citrus growth-retarding *
 Calavan, E.C., J.M. Wallace and L.G. Weathers, 1954
- V. citrus psoriasis
 Fawcett, H.S. and A.A. Bitancourt, 1943
 Weathers, L.G., E.C. Calavan and J.M.
 Wallace, 1956
- V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
 Carpenter, J.B., 1956, 1957
 Grant, T.J. and Richard P. Higgins, 1957
 Hughes, W.A. and C.A. Lister, 1953
 Olson, Edward O. and James R. McDonald, 1954
 Schneider, Henry, 1957
 Wallace, James M., 1957
 Wallace, J.M., P.C.J. Oberholzer and J.D.J.
 Hofmeyer, 1956
 Wallace, J.M., I. Reichert, A. Bentel and E.
 Winocour, 1956
- V. citrus vein-yellowing disease *
 Weathers, L.G., 1957
- V. lemon wood pocket *
 Fawcett, H.S. and E.C. Calavan, 1947
- C. *limon* on *C. aurantium*, L.
 V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
- C. *limon* x *C. sinensis*, (L.) Osbeck
 V. citrus tristeza
 Olson, Edward O., 1956
- C. *limon* on *Poncirus trifoliata*, (L.) Raf.
 V. citrus tristeza
 Olson, Edward O. and James R. McDonald, 1954
- C. *maxima*, Merr.
 V. citrus psoriasis
 Weathers, L.G., E.C. Calavan and J.M.
 Wallace, 1956
- C. *medica*, L.
 V. citrus tristeza
 Hughes, W.A. and C.A. Lister, 1953
- V. cucumber mosaic
 Porter, R.H., 1930

- C. mitis*, Blanco
V. citrus vein-yellowing disease *
 Weathers, L.G., 1957
- C. nobilis*, Lour., var. *unshiu*, Swingle
V. citrus tristeza
 Hughes, W.A. and C.A. Lister, 1953
 Olson, Edward O. and James R. McDonald, 1954
 Wallace, James M., 1957
- C. nobilis* var. *unshiu* on *C. paradisi*, Macf. x
- Poncirus trifoliata*, (L.) Raf.
V. citrus tristeza
 Olson, Edward O. and James R. McDonald, 1954
- C. nobilis* var. *unshiu* on *C. sinensis*, (L.) Osbeck x
- Poncirus trifoliata*, (L.) Raf.
V. citrus tristeza
 Olson, Edward O. and James R. McDonald, 1954
- C. nobilis* var. *unshiu* on *Poncirus trifoliata*, (L.) Raf.
V. citrus tristeza
 Olson, Edward O. and James R. McDonald, 1954
- C. paradisi*, Macf.
V. citrus psorosis
 Fawcett, H.S., 1938
 Weathers, L.G., E.C. Calavan and J.M.
 Wallace, 1956
- V. citrus* tristeza
 Carpenter, J.B., 1957
 Hughes, W.A. and C.A. Lister, 1953
 Knorr, L.C., 1956
 Olson, Edward O., 1956
 Wallace, James M., 1957
 Wallace, James M., P.C.J. Oberholzer and
 J.D.J. Hofmeyer, 1956
- C. paradisi* on *C. aurantifolia*, (Christm.) Swingle
V. citrus exocortis
 Olson, E.O. and A.V. Shull, 1956
- V. citrus* xyloporosis
 Olson, E.O. and A.V. Shull, 1956
- C. paradisi* on *C. aurantium*, L.
V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
- C. paradisi* on (*C. paradisi* x *C. reticulata*, Blanco)
V. citrus xyloporosis
 Olson, E.O. and A.V. Shull, 1956
- C. paradisi* x *C. reticulata*, Blanco
V. citrus tristeza
 Costa, A.S. and T.J. Grant, 1951
 Hughes, W.A. and C.A. Lister, 1953
V. citrus vein-yellowing disease *
 Weathers, L.G., 1957
- V. citrus* xyloporosis
 Childs, J.F.L., 1956
- C. paradisi* x *C. reticulata*, Blanco on *C. aurantium*, L.
V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
- C. paradisi* on (*C. sinensis*, (L.) Osbeck x *Poncirus trifoliata*, (L.) Raf.)
V. citrus exocortis
 Olson, E.O. and A.V. Shull, 1956
- C. reticulata*, Blanco
V. citrus psorosis
 Fawcett, H.S., 1938
- V. citrus* tristeza
 Bennett, C.W. and A.S. Costa, 1949
 Carpenter, J.B., 1957
 Hughes, W.A. and C.A. Lister, 1953
 Olson, Edward O., 1956
 Wallace, James M., 1957
- C. reticulata* on *C. aurantium*, L.
V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
- C. sinensis*, (L.) Osbeck
V. citrus psorosis
 Fawcett, H.S., 1933, 1934, 1938
 Fawcett, H.S. and A.A. Bitancourt, 1943
 Fawcett, H.S. and L.C. Cochra, 1941, 1942
 Rhoads, Arthur S., 1942
 Wallace, James M., 1945
- V. citrus* stubborn disease
 Fawcett, H.S., 1946
- V. citrus* tristeza
 Carpenter, J.B., 1957
 Costa, A.S. and T.J. Grant, 1951
 Dickson, R.C., Metta McD. Johnson, R.A. Flock,
 and Edward F. Laird, Jr., 1956
- C. sinensis*, (L.) Osbeck (cont.)
V. citrus tristeza
 Grant, T.J. and A.S. Costa, 1951
 Grant, T.J. and Henry Schneider, 1953
 Hughes, W.A. and C.A. Lister, 1953
 Knorr, L.C., 1956
 Schneider, Henry, J.M. Wallace and J.E.
 Dimitman, 1950
 Wallace, J.M., 1949, 1957
- V. citrus* xyloporosis
 Childs, J.F.L., 1956
- C. sinensis* on *C. aurantifolia*, (Christm.) Swingle
V. citrus exocortis
 Olson, E.O. and A.V. Shull, 1956
- V. citrus* tristeza
 Bennett, C.W. and A.S. Costa, 1949
- C. sinensis* on *C. aurantium*, L.
V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
 Schneider, Henry, 1954
- C. sinensis* on *C. paradisi*, Macf.
V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
- C. sinensis* x *C. reticulata*, Blanco
V. citrus xyloporosis
 Childs, J.F.L., 1956
- C. spp.*
V. citrus convex gum *
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. citrus* psorosis
 Bennett, C.W., 1944
- V. citrus* vein enation
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- CLARKIA** Pursh 1814 (Onagraceae)
- C. elegans*, Dougl.
V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
- V. beet* curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. cucumber* mosaic
 Price, W.C., 1940
- V. tobacco* necrosis
 Price, W.C., 1940
- V. tobacco* ring spot
 Price, W.C., 1940
- V. tobacco* ring spot no. 2
 Price, W.C., 1940
- CLAUSENA** Burm. f. 1768 (Rutaceae)
- C. anisata*, (Willd.) Hook. f.
V. citrus tristeza
 Hughes, W.A. and C.A. Lister, 1953
- CLAYTONIA** Gronov. ex L. 1737 (Portulacaceae)
- C. perfoliata*, Donn.
V. beet yellows
 Roland, G. and J. Tahon, 1961
- CLEOME** L. 1735 (Capparidaceae)
- C. spinosa*, L.
V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. cucumber* mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 Faan, Hwei Chung and James Johnson, 1951
 Price, W.C., 1940
- V. lucerne* mosaic
 Price, W.C., 1940
- V. tobacco* mosaic
 Holmes, Francis O., 1946
- V. tobacco* necrosis
 Price, W.C., 1940
- V. tobacco* ring spot
 Price, W.C., 1940
- V. tobacco* ring spot no. 2
 Price, W.C., 1940
- V. turnip* crinkle
 Broadbent, L. and G.D. Heathcote, 1958
- COBAEA** Cav. 1791 (Polemoniaceae)
- C. scandens*, Cav.
V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936

- COCHLEARIA** Tourn. ex L. 1735 (Cruciferae)
C. armoracia, L.
 V. cabbage black ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. cauliflower mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- COCOS** L. 1753 (Palmaceae)
C. nucifera, L.
 V. (coconut) cadang-cadang disease *
 'Celino, M.S., 1947
- COFFEEA** L. 1735 (Rubiaceae)
C. arabica, L.
 V. coffee hot and cold disease *
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. coffee ring spot *
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- COIX** L. 1737 (Gramineae)
C. lachyrma-jobi, L.
 V. rice and corn leaf-gall *
 Agati, Julian A. and Carlos A. Calica, 1950
- COLA** Schott & Endl. 1832 (Sterculiaceae)
C. chlamydantha, K. Schum.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- C. cordifolia*, R. Br.
 V. cacao swollen shoot
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
- C. gigantea*, A. Chev., var. *glabrescens*, Brenan &
 V. cacao swollen shoot Keay *
 Tinsley, T.W. and A.L. Wharton, 1958
- C. lateritia*, K. Schum., var. *maclaudi* (A. Chev.)
 V. cacao swollen shoot Brenan & Keay *
 Tinsley, T.W. and A.L. Wharton, 1958
- COLCHICUM** L. 1735 (Liliaceae)
C. autumnale, L.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
- COLEUS** Lour. 1790 (Labiatae)
C. blumei, Benth.
 V. coleus mosaic
 Creager, D.B., 1945
 V. cucumber mosaic
 Price, W.C., 1940
 V. lucerne mosaic
 Price, W.C., 1940
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tobacco necrosis
 Price, W.C., 1940
 Price, W.C., Frank P. McWhorter and Betty H.
 Steranka, 1950
 V. tobacco ring spot
 Price, W.C., 1940
 V. tobacco ring spot no. 2
 Hildebrand, E.M., 1942
 Price, W.C., 1940
- C. lanuginosus*, Hochst. ex Benth.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
- COLLISSIA** Nutt. 1817 (Scrophulariaceae)
C. bicolor, Benth.
 V. clover big vein
 Black, L.M., 1945
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- COLOCYNTHIS** ((Tourn.)) L. 1735 (Cucurbitaceae)
C. vulgaris, Schrad.
 V. cucumber green mottle mosaic
 Vasudeva, R.S., S.P. Raychaudhuri and
 Jagannath Singh, 1949
- COMMELINA** Plum. ex L. 1735 (Commelinaceae)
C. communis, L.
 V. celery mosaic
 Price, W.C., 1935
 V. cucumber mosaic
 Price, W.C., 1935
 Wellman, F.L., 1935
- C. diffusa*, Burm. f.
 V. cucumber mosaic
 Dale, W.T., 1954
- C. elegans*, H. B. & K.
 V. cucumber mosaic
 Anderson, C.W., 1952
 Dale, W.T., 1954
- C. erecta*, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
- C. gigas*, Small
 V. cucumber mosaic
 Anderson, C.W., 1951, 1952
- C. nudiflora*, L.
 V. celery mosaic
 Doolittle, S.P., 1931
 Doolittle, S.P. and F.L. Wellman, 1934
- V. cucumber mosaic
 Anderson, C.W., 1952
 Price, W.C., 1941
 Wellman, F.L., 1934, 1935
- C. spp.*
 V. cucumber mosaic
 Simons, John N., 1957
- CONIUM** L. 1735 (Umbelliferae)
C. maculatum, L.
 V. celery yellow spot
 Freitag, Julius H. and Henry H.P. Severin, 1945
 V. poison hemlock ring spot
 Freitag, Julius H. and Henry H.P. Severin, 1945
- CONRINGIA** Heist. ex L. 1735 (Cruciferae)
C. orientalis, (L.) Dimort.
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
- CONVOLVULUS** ((Tourn.)) L. 1735 (Convolvulaceae)
C. arvensis, L.
 V. tobacco streak
 Fulton, Robert W., 1948
 V. tomato spotted wilt
 Sherf, A.F., 1948
 V. vaccinium false blossom
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- C. occidentalis*, A. Gray
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- C. spp.*
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. tobacco streak
 Fulton, Robert W., 1948
- C. tricolor*, L.
 V. anemone mosaic *
 Hollings, M., 1957
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. rose mosaic
 Fulton, Robert W., 1952
 V. tobacco necrosis
 Price, W.C., 1940
 V. tobacco ring spot
 Price, W.C., 1940
 V. tobacco ring spot no. 2
 Price, W.C., 1940

- C. tricolor, L. (cont.)
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P.
 Doolittle, 1955
- COPROSMA Forst. 1776 (Rubiaceae)
 C. baueri, Endl.
 V. lucerne dwarf
 Freitag, Julius H., 1951
- CORCHORUS ((Tourn.)) L. 1735 (Tiliaceae)
 C. aestuans, L.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- C. olitorius, L.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- C. tridens, L.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- C. trilocularis, L.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- COREOPSIS L. 1737 (Compositae)
 C. douglasii, Hall
 V. dahlia mosaic
 Brierley, Philip and Floyd F. Smith, 1950
- C. drummondii, Torr. & Gray
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
- V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- C. grandiflora, Nutt.
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
- V. tobacco mosaic
 Holmes, Francis O., 1946
- C. tinctoria, Nutt.
 V. aster yellows
 Kunkel, L.O., 1926
- V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- Severin, Henry H.P. and Julius H. Freitag, 1934
- CORIANDRUM ((Tourn.)) L. 1735 (Umbelliferae)
 C. sativum, L.
 V. beet curly top
 Severin, Henry H.P., 1929
- V. celery mosaic
 Freitag, Julius H. and Henry H.P. Severin, 1945
- Severin, Henry H.P. and Julius H. Freitag, 1938
- V. poison hemlock ring spot
 Freitag, Julius H. and Henry H.P. Severin, 1945
- V. squash mosaic
 Freitag, Julius H., 1956
- COSMIDIUM Nutt. 1841 (Compositae)
 C. burridgeanum, X, Hort. ex Regel
 V. aster yellows
 Kunkel, L.O., 1926
- COSMOS Cav. 1791 (Compositae)
 C. bipinnatus, Cav.
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
- V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- Severin, Henry H.P. and Julius H. Freitag, 1934
- V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- C. hybridus, Hort. ex Gard. & For. i
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- COTONEASTER Rupp. 1745 (Rosaceae)
 C. rotundifolia, Wall., var. lanata, Schneid.
 V. lucerne dwarf
 Freitag, Julius H., 1951
- C. spp.
 V. apple mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- COTULA ((Tourn.)) L. 1735 (Compositae)
 C. australis, Hook.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin,
 1945
- CRAMBE Tourn. ex L. 1735 (Cruciferae)
 C. maritima, L.
 V. cauliflower mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- CRASSINA Scopin 1758 (Compositae)
 C. elegans, Kunze
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
- CROTALARIA Dill. ex L. 1737 (Leguminosae)
 C. capensis, Jacq.
 V. prunus B *
 Fulton, Robert W., 1957
- C. fwamboensis, E.G. Baker
 V. groundnut rosette
 Evans, A.C., 1954
- C. goreensis, Guill. & Perr.
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- V. lucerne witches' broom
 Helms, Katie, 1957
- V. tomato big bud
 Helms, Katie, 1957
- C. grahamiana, Wight & Arn.
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- C. incana, L.
 V. crotalaria mosaic
 Jensen, D.D., 1949, 1950
- Johnson, H.W. and C.L. Lefebvre, 1938
- C. intermedia, Kotschy
 V. crotalaria mosaic
 Johnson, H.W. and C.L. Lefebvre, 1938
- V. cucumber mosaic
 Price, W.C., 1940
- V. groundnut rosette
 Evans, A.C., 1954
- V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- V. lucerne dwarf
 Price, W.C., 1940
- V. prunus A *
 Fulton, Robert W., 1957
- V. prunus E *
 Fulton, Robert W., 1957
- V. prunus G *
 Fulton, Robert W., 1957
- V. rose mosaic
 Fulton, Robert W., 1952
- V. tobacco necrosis
 Price, W.C., 1940
- V. tobacco ring spot
 LeBeau, F.J., 1947
- V. tobacco streak
 Fulton, Robert W., 1948
- C. juncea, L.
 V. cowpea mosaic
 Kapoor, S.P. and P.M. Varma, 1956
- Dale, W.T., 1949
- V. crotalaria mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- V. strawberry green petal
 Rose, B.D. and S.D. Misra, 1938
- V. tobacco leaf curl
 Pruthi, Hem Singh and C.K. Samuel, 1937, 1939
- C. kirkii, Baker
 V. groundnut rosette
 Evans, A.C., 1954
- C. lanceolata, E. Mey.
 V. crotalaria mosaic
 Johnson, H.W. and C.L. Lefebvre, 1938
- C. maxillaris, Klotzsch
 V. crotalaria mosaic
 Johnson, H.W. and C.L. Lefebvre, 1938

- C. mucronata*, Desv.
 V. cowpea mosaic
 Anderson, C.W., 1955
- V. *crotalaria* mosaic
 Jensen, D.D., 1949
- V. cucumber mosaic
 Anderson, C.W., 1955
- V. *prunus* E *
 Fulton, Robert W., 1957
- V. *prunus* G *
 Fulton, Robert W., 1957
- C. orixensis*, Willd.
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- C. pumila*, Ortega
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- C. retusa*, L.
 V. bean yellow mosaic
 Zaumeyer, W.J., 1940
- V. *crotalaria* mosaic
 Johnson, H.W. and C.L. Lefebvre, 1938
- V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- C. sericea*, Retz.
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- C. spectabilis*, Roth
 V. alsike clover mosaic
 Zaumeyer, W.J., 1940
- V. bean yellow mosaic
 Corbett, M.K., 1957
- Hungerford, C.W. and Irvin G. Hillyer, 1954
- Zaumeyer, W.J., 1940
- V. cowpea mosaic
 Anderson, C.W., 1955
- V. *crotalaria* mosaic
 Johnson, H.W. and C.L. Lefebvre, 1938
- V. lucerne mosaic
 Thomas, H. Rex, 1951
- V. *prunus* B *
 Fulton, Robert W., 1957
- V. tobacco ring spot
 Corbett, M.K., 1957
- LeBeau, F.J., 1947
- V. tobacco streak
 Thomas, H. Rex and W.J. Zaumeyer, 1950
- C. spp.*
 V. *datura* rugose leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. kaimi clover disease *
 Murakishi, Harry H., 1952
- C. striata*, DC.
 V. alsike clover mosaic
 Zaumeyer, W.J., 1940
- V. bean yellow mosaic
 Zaumeyer, W.J., 1940
- V. *crotalaria* mosaic
 Cook, Melville T., 1931
- Johnson, H.W. and C.L. Lefebvre, 1938
- C. usaramoensis*, E.G. Baker
 V. *crotalaria* mosaic
 Johnson, H.W. and C.L. Lefebvre, 1938
- V. tobacco leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- CRYPTOSTEMMA** R. Br. 1813 (Compositae)
- C. calendulaceum*, (L.) R. Br.
 V. tobacco yellow dwarf
 Helson, G.A.H., 1950
- Hill, A.V., 1950
- V. *vaccinium* false blossom
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- CUCUMIS** ((Tourn.)) L. 1735 (Cucurbitaceae)
- C. anguria*, L.
 V. beet curly top
 Severin, Henry H.P. and Charles F. Henderson, 1928
- V. cucumber green mottle mosaic
 Ainsworth, G.C., 1935
- V. cucumber mosaic
 Jagger, I.C., 1918
- C. anguria*, L. (cont.)
 V. cucumber mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
- Wellman, F.L., 1935
- V. cucumber western mosaic *
 Severin, Henry H.P. and Julius H. Freitag, 1948
- V. *cucurbit* mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
- V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
- V. *prunus* A *
 Fulton, Robert W., 1957
- V. *prunus* B *
 Fulton, Robert W., 1957
- V. *prunus* E *
 Fulton, Robert W., 1957
- V. *prunus* G *
 Fulton, Robert W., 1957
- V. squash mosaic
 Freitag, Julius H., 1956
- C. dipsaceus*, Ehr.
 V. *prunus* A *
 Fulton, Robert W., 1957
- V. *prunus* B *
 Fulton, Robert W., 1957
- V. *prunus* E *
 Fulton, Robert W., 1957
- V. *prunus* G *
 Fulton, Robert W., 1957
- C. ficifolius*, Bouche
 V. *cucurbit* mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
- C. grossulariaeformis*, Hort. *
 V. *cucurbit* mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
- C. maderaspatanus*, Roxbg.
 V. cucumber green mottle mosaic
 Ainsworth, G.C., 1935
- C. melo*, L.
 V. aster yellows
 Freitag, Julius H., 1956
- V. beet curly top
 Giddings, N.J., 1948
- V. cucumber green mottle mosaic
 Ainsworth, G.C., 1935
- Azad, R.N., 1956
- V. cucumber mosaic
 Adsuar, Jose, 1955
- Adsuar, Jose and A. Cruz Miret, 1950
- Doolittle, S.P., 1916
- Jagger, I.C., 1918
- Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
- Pound, Glenn S. and J.C. Walker, 1948
- Vasudeva, R. Sahai and T.B. Lal, 1943
- Wellman, F.L., 1934, 1935
- V. *cucurbit* mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
- Kendrick, J.B., 1934
- V. dodder latent mosaic
 Bennett, C.W., 1949
- V. muskmelon mosaic
 Anderson, C.W., 1954
- Freitag, Julius H., 1952
- Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
- V. muskmelon vein necrosis
 Freitag, Julius H., 1952
- V. *prunus* A *
 Fulton, Robert W., 1957
- V. *prunus* B *
 Fulton, Robert W., 1957
- V. *prunus* E *
 Fulton, Robert W., 1957
- V. *prunus* G *
 Fulton, Robert W., 1957
- V. squash mosaic
 Freitag, Julius H., 1956
- Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
- V. tobacco mosaic
 McKinney, H.H. and Robert W. Fulton, 1949

- C. melo*, L. (cont.)
 V. tobacco necrosis
 Fulton, Robert W., 1950
 V. tobacco ring spot
 Bridgmon, G.H. and J.C. Walker, 1952
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 Henderson, R.G. and S.A. Wingard, 1931
 Pound, Glenn S., 1949
 V. tobacco streak
 Fulton, Robert W., 1948
 V. watermelon mosaic
 Anderson, C.W., 1954
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Pound, Glenn S., 1949
C. melo var. *cantalupensis*, Naud.
 V. beet curly top
 Severin, Henry H.P. and Charles F. Henderson, 1928
 V. tobacco ring spot
 Wingard, S.A., 1928
C. melo var. *chito*, Naud.
 V. cucumber mosaic
 Rader, Wm.E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 V. muskmelon mosaic
 Rader, Wm.E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
C. melo var. *conomon*, (Thunb.) Makino *
 V. cucumber mosaic
 Rader, Wm.E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 Whitaker, Thomas W. and G.W. Bohn, 1954
 V. muskmelon mosaic
 Rader, Wm.E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
C. melo var. *dudaim*, Naud.
 V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
C. melo var. *flexuosus*, Naud.
 V. cucumber mosaic
 Rader, Wm.E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
 V. muskmelon mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Rader, Wm.E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
C. melo var. *indorus*, Naud.
 V. beet curly top
 Severin, Henry H.P. and Charles F. Henderson, 1928
 V. cucumber mosaic
 Rader, Wm.E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 Whipple, O.C. and J.C. Walker, 1941
 V. cucumber western mosaic *
 Severin, Henry H.P. and Julius H. Freitag, 1948
 V. muskmelon mosaic
 Rader, Wm.E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
C. melo var. *reticulatus*, Naud.
 V. beet curly top
 Severin, Henry H.P. and Charles F. Henderson, 1928
 V. cucumber mosaic
 Anderson, C.W., 1952
 Aycock, Robert, 1951
 Freitag, Julius H., 1952
 Rader, Wm.E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 Whipple, O.C. and J.C. Walker, 1941
 V. muskmelon mosaic
 Rader, Wm.E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
V. tobacco necrosis
 Fulton, J.P., 1952
V. tobacco ring spot
 McKeen, C.D., 1957
V. watermelon mosaic
 Anderson, C.W., 1952
 C. melo var. *rockyford**
 V. dodder latent mosaic
 Bennett, C.W., 1944
C. melo var. *utilissimus* *
 V. chili (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. cucumber green mottle mosaic
 Azad, R.N., 1956
 V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
C. metuliferus, E. Mey. ex Schrad.
 V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
C. odoratissimus, Moench
 V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
C. prophetarum, L.
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
C. sativus, L.
 V. apple mosaic
 Yarwood, C.E., 1955
 Yarwood, C.E. and H.E. Thomas, 1954
 V. arabis mosaic
 Smith, K.M. and Roy Markham, 1944
 V. aster yellows
 Freitag, Julius H., 1956
 V. beet curly top
 Severin, Henry H.P. and Charles F. Henderson, 1928
 V. beet ring spot *
 Harrison, B.D., 1957
 V. brome mosaic
 McKinney, H.H., 1944, 1953
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1940, 1941
 V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1955, 1957
 V. celery mosaic
 Doolittle, S.P., 1931
 Doolittle, S.P. and F.L. Wellman, 1934
 V. (sour) cherry yellows
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 Willison, R.S., 1951
 V. chili (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. cucumber green mottle mosaic
 Ainsworth, G.C., 1935
 Fulton, Robert W., 1950
 Johnson, Folke, 1941
 Vasudeva, R.S. and T.K. Nariani, 1952
 Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 Ainsworth, G.C., 1938, 1940
 Anderson, C.W., 1951, 1952, 1955
 Aycock, Robert, 1951
 Berkeley, G.H., 1951, 1953
 Bhargava, K.S., 1951
 Brierley, Philip, 1939
 Burnett, G., 1934
 Cook, M.T., 1937
 Dale, W.T., 1954
 Diachun, Stephen, 1952
 Doolittle, S.P., 1916
 Doolittle, S.P. and M.N. Walker, 1928
 Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
 Elmer, O.H., 1927
 Freitag, Julius H., 1952
 Fulton, Joseph P., 1950
 Fulton, Robert W., 1941
 Govier, D.A., 1957
 Hagedorn, D.J. and J.C. Walker, 1954
 Harrison, B.D., 1958
 Harter, L.L., 1936, 1938
 Hogan, Isme A., 1933, 1935

- C. sativus, L. (cont.)
 V. cucumber mosaic
 Hollings, M., 1955
 Jagger, I.C., 1916, 1918
 Johnson, E.M., 1930
 Larsh, Howard W. and J.R. Shay, 1945
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Magee, C.J.P., 1940
 Milbrath, J.A. and Roy A. Young, 1956
 Nariani, T.K. and Nirmaljit Singh, 1952
 Nienow, Inez, 1948
 Porter, Clark A., 1954
 Porter, R.H., 1928, 1929, 1930
 Pound, Glenn S. and J.C. Walker, 1948
 Price, W.C., 1934, 1937, 1941
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
 Hildebrand, 1947
 Shiffriss, Oved, C.H. Myers and Charles Chupp,
 1942
 Silberschmidt, K., 1955
 Sill, Webster H., Jr., 1951
 Sill, Webster H., Jr. and J.C. Walker, 1952
 Simons, John N., 1955, 1957
 Sinclair, J.B. and J.C. Walker, 1956
 Smith, Floyd F. and Philip Brierley, 1944
 Storey, I.F., 1939
 Valleau, W.D., 1932
 Varney, E.H. and J. Duain Moore, 1951
 Vasudeva, R. Sahai and T.B. Lal, 1943
 Walker, M.N., 1926
 Wellman, F.L., 1934, 1935
 Whipple, O.C. and J.C. Walker, 1938, 1941
 V. (cucumber) O.S.C. isolate 606 *
 Porter, Clark A. and Frank P. McWhorter, 1951
 V. cucumber western mosaic *
 Severin, Henry H.P. and Julius H. Freitag, 1948
 V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
 V. delphinium ring spot
 Severin, Henry H.P. and R.C. Dickson, 1942
 V. eggplant mosaic
 Dale, W.T., 1954
 V. elm mosaic
 Varney, E.H. and J. Duain Moore, 1952
 V. hydrangea ring spot
 Brierley, Philip and Paul Lorentz, 1957
 Brierley, Philip and Floyd F. Smith, 1952
 V. lovage mosaic
 Smith, K.M. and Roy Markham, 1944
 V. lucerne mosaic
 Berkeley, G.H., 1947
 Black, L.M. and W.C. Price, 1940
 Johnson, E.M., 1946
 Oswald, John W., 1950
 Richardson, D.E. and T.W. Tinsley, 1956
 Severin, Henry H.P., 1942
 Thomas, H. Rex, 1951, 1953
 Zaumeyer, W.J., 1938
 V. lupine disease *
 Weimer, J.L., 1950
 V. muskmelon mosaic
 Anderson, C.W., 1954
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
 Hildebrand, 1947
 V. pea die back *
 Zaumeyer, W.J., 1939
 V. pea mottle
 Johnson, Folke, 1942
 V. pea stem streak *
 Zaumeyer, W.J., 1939
 V. peach ring spot
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1949
 Fulton, Robert W., 1956
 Gilmer, R.M., 1955
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 Hobbs, Gordon A., 1951
 Milbrath, J.A., 1953
 Tomlinson, N., 1955
 Willison, R.S., 1951
 V. peach yellow bud mosaic
 Yarwood, C.E., 1956
 V. (physalis) mosaic *
 Walker, M.N., 1925, 1926
- C. sativus, L. (cont.)
 V. physalis subglabrata mosaic *
 Walker, M.N., 1925
 V. potato X
 Matthews, R.E.F., 1949
 V. prune diamond canker
 Yarwood, C.E. and H. Rex Thomas, 1954
 V. prune dwarf
 Willison, R.S., 1951
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
 V. ranunculus mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. raspberry Scottish leaf curl
 Harrison, B.D., 1958
 V. raspberry yellow dwarf *
 Harrison, B.D., 1958
 V. red currant ring spot
 Klessner, P.J., 1951
 V. rhubarb ring spot *
 Vaughan, Edward K. and John W. Yale, Jr., 1953
 Yale, John W., Jr. and Edward K. Vaughan, 1954
 V. rose mosaic
 Fulton, Robert W., 1952
 V. squash mosaic
 Freitag, Julius H., 1956
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. squash mosaic (southern)
 Anderson, C.W., 1951
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 Lindner, R.C., Hugh C. Kirkpatrick and T.E.
 Weeks, 1955
 V. stone fruit necrotic ring spot *
 Gilmer, R.M., 1956
 V. stone fruit ring spot *
 Heinis, Julius L., 1956
 Heinis, Julius L. and J.A. Milbrath, 1954
 V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1940, 1942
 V. tobacco broken ring spot
 Smith, K.M. and Roy Markham, 1944
 V. tobacco mosaic
 Berkeley, G.H., 1951
 Cox, C.E. and L.O. Weaver, 1950
 Fulton, Robert W., 1950
 McKinney, H.H., 1952
 McKinney, H.H. and Robert W. Fulton, 1949
 Walker, M.N., 1924, 1926
 V. tobacco necrosis
 Fulton, Joseph P., 1952
 Price, W.C., Frank P. McWhorter and Betty H.
 Steranka, 1950
 Price, W.C. and Ralph W.G. Wyckoff, 1939
 V. tobacco ring spot
 Allington, William B., 1946
 Anderson, C.W., 1954
 Berkeley, G.H., 1951, 1953
 Bridgmon, G.H. and J.C. Walker, 1952
 Brierley, Philip and Floyd F. Smith, 1954
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 Fulton, Robert W., 1941
 Ivanoff, S.S., 1942
 Johnson, E.M., 1930
 LeBeau, F.J., 1947
 McKeen, C.D., 1957
 McKinney, H.H. and E.E. Clayton, 1944
 Pound, Glenn S., 1949
 Rosberg, David W., 1953
 Shepherd, Robert J. and F. Ben Struble, 1956
 Steere, Russell L., 1956
 Wingard, S.A., 1928
 V. tobacco ring spot no. 2
 Brierley, Philip, 1954
 Hildebrand, E.M., 1942
 Price, W.C., 1940

- C. sativus, L. (cont.)
 V. tobacco streak
 Fulton, Robert W., 1948
 Thomas, H. Rex and W.J. Zaumeyer, 1950
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P.
 Doolittle, 1953, 1955
 Hollings, M., 1955
 V. tomato black ring
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tomato bushy stunt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
 Lister, R.M., 1958
 V. watermelon mosaic
 Anderson, C.W., 1952, 1954
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. yam mosaic *
 Adsuar, Jose, 1955
- CUCURBITA ((Tourn.)) L. 1735 (Cucurbitaceae)
 (PEPO) ((Tourn.)) L. 1735
- C. ficifolia, Bouche
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
- C. lagenaria, L.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
- C. maxima, Dcne.
 V. aster yellows
 Freitag, Julius H., 1956
 V. beet curly top
 Bennett, C.W., 1934
 Dana, B.F., 1938
 Lackey, C.F., 1929
 McKay, M.B. and T.P. Dykstra, 1927
 Severin, Henry H.P. and Charles F. Henderson, 1928
 V. (sour) cherry yellows
 Milbrath, J.A., 1956
 V. cucumber mosaic
 Anderson, C.W., 1952
 Aycock, Robert, 1951
 Jagger, I.C., 1918
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Magee, C.J.P., 1940
 Pound, Glenn S. and J.C. Walker, 1948
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
 Hildebrand, 1947
 Wellman, F.L., 1935
 V. cucumber western mosaic *
 Freitag, Julius H., 1941
 V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
 V. cucurbit ring mosaic *
 Freitag, Julius H., 1941
 V. muskmelon mosaic
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
 Hildebrand, 1947
 V. peach ring spot
 Milbrath, J.A., 1957
 V. peach stunt *
 Milbrath, J.A., 1956
 V. prune dwarf
 Milbrath, J.A., 1956
 Willison, R.S., 1951
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
 V. rose mosaic
 Fulton, Robert W., 1952
- C. maxima, Dcne. (cont.)
 V. squash mosaic
 Freitag, Julius H., 1941, 1952, 1956
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 V. stone fruit ring spot *
 Milbrath, J.A., 1956
 V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
 V. tobacco necrosis
 Fulton, Joseph P., 1952
 Fulton, Robert W., 1950
 V. tobacco ring spot
 McKeen, C.D., 1957
 Pound, Glenn S., 1949
 V. tobacco ring spot no. 2
 Steere, Russell L., 1956
 Wilkinson, R.E., 1952
 V. tobacco streak
 Fulton, Robert W., 1948
 V. watermelon mosaic
 Anderson, C.W., 1952, 1954
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. wild cucumber mosaic *
 Freitag, Julius H., 1941
- C. mixta, Pang.
 V. aster yellows
 Freitag, Julius H., 1956
 V. squash mosaic
 Freitag, Julius H., 1956
- C. moschata, Dcne.
 V. aster yellows
 Freitag, Julius H., 1956
 V. beet curly top
 Dana, B.F., 1941
 Severin, Henry H.P. and Charles F. Henderson, 1928
 V. cucumber green mottle mosaic
 Vasudeva, R.S. and T.K. Nariani, 1952
 Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 Jagger, I.C., 1918
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
 Hildebrand, 1947
 V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
 V. muskmelon mosaic
 Anderson, C.W., 1954
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
 Hildebrand, 1947
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
 V. squash mosaic
 Freitag, Julius H., 1956
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. squash mosaic (southern)
 Anderson, C.W., 1951
 V. tobacco ring spot
 Bridgmon, G.H. and J.C. Walker, 1952
 Wingard, S.A., 1928
 V. tobacco ring spot no. 2
 Steere, Russell L., 1956
 V. watermelon mosaic
 Anderson, C.W., 1954
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
- C. okeechobeensis, Bailey
 V. muskmelon mosaic
 Anderson, C.W., 1954
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus B *
 Fulton, Robert W., 1957

- C. *okeechobeensis*, Bailey (cont.)
 V. *prunus E* *
 Fulton, Robert W., 1957
 V. *prunus G* *
 Fulton, Robert W., 1957
 V. *watermelon mosaic*
 Anderson, C.W., 1954
- C. *pepo*, L.
 V. *aster yellows*
 Freitag, Julius H., 1956
 V. *beet curly top*
 Dana, B.F., 1941
 Severin, Henry H.P. and Charles F. Henderson, 1928
 V. *cucumber green mottle mosaic*
 Ainsworth, G.C., 1935
 Storey, I.F., 1939
 V. *cucumber mosaic*
 Adsuar, Jose and A. Cruz Miret, 1950
 Jagger, I.C., 1916, 1918
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Pound, Glenn S. and J.C. Walker, 1948
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 Vasudeva, R. Sahai and T.B. Lal, 1943
 Wellman, F.L., 1935
 Whipple, O.C. and J.C. Walker, 1941
 V. *cucurbit mosaic* *
 Doolittle, S.P. and M.N. Walker, 1925
 V. *musk melon mosaic*
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 V. *peach ring spot*
 Hobbs, Gordon A., 1951
 V. *prunus A* *
 Fulton, Robert W., 1957
 V. *prunus B* *
 Fulton, Robert W., 1957
 V. *prunus E* *
 Fulton, Robert W., 1957
 V. *rose mosaic*
 Fulton, Robert W., 1952
 V. *squash mosaic*
 Freitag, Julius H., 1956
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Middleton, John T., 1944
 V. *stone fruit necrotic ring spot* *
 Willison, R.S., 1951
 V. *tobacco mosaic*
 McKinney, H.H. and Robert W. Fulton, 1949
 V. *tobacco ring spot*
 Bridgmon, G.H. and J.C. Walker, 1952
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 Pound, Glenn S., 1949
 Steere, Russell L., 1956
 Wingard, S.A., 1928
 V. *tobacco streak*
 Fulton, Robert W., 1948
 V. *tomato black ring*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. *watermelon mosaic*
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
- C. *pepo var. medullosa*, Alef. *
 V. *muskmelon mosaic*
 Anderson, C.W., 1954
- C. *pepo var. melopepo*, (L.) Alef. (condensa, Bailey)
 V. *cucumber mosaic*
 Anderson, C.W., 1951
 Jagger, I.C., 1916
 Wellman, F.L., 1934, 1935
 V. *cucurbit mosaic* *
 Doolittle, S.P. and M.N. Walker, 1925
 Kendrick, J.B., 1934
 V. *musk melon mosaic*
 Anderson, C.W., 1954
 V. *squash mosaic*
 Freitag, Julius H., 1956
 V. *tobacco necrosis*
 Frazier, Norman W., 1955
 V. *tobacco ring spot*
 Anderson, C.W., 1954
 Henderson, R.G. and S.A. Wingard, 1931
 Rosberg, David W., 1953
- C. *pepo var. melopepo*, (L.) Alef. (condensa, Bailey)
 V. *tobacco ring spot*
 Wingard, S.A., 1928
 V. *watermelon mosaic*
 Anderson, C.W., 1954
- C. *pepo var. ovifera*, (L.) Alef.
 V. *beet curly top*
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. *cucumber mosaic*
 Jagger, I.C., 1916
 V. *cucurbit mosaic* *
 Doolittle, S.P. and M.N. Walker, 1925
 V. *tobacco ring spot*
 Wingard, S.A., 1928
- CUSCUTA ((Tourn.)) L. 1735 (Convolvulaceae)**
- C. *californica*, Choisy
 V. *beet yellows*
 Roland, G. and J. Tahon, 1961
- V. *dodder latent mosaic*
 Bennett, C.W., 1944, 1949
- V. *tobacco etch*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- C. *campestris*, Yuncker
 V. *bayberry yellows*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. *beet yellows*
 Roland, G. and J. Tahon, 1961
- V. *cucumber mosaic*
 Costa, A.S., 1944
- V. *dodder latent mosaic*
 Bennett, C.W., 1944, 1949
- V. *potato stem mottle*
 Van der Want, J.P.H., 1955
- V. *vaccinium false blossom*
 Costa, A.S., 1944
- C. *gronovii*, Willd.
 V. *beet yellows*
 Roland, G. and J. Tahon, 1961
- C. *subinclusa*, Dur. & Hilg.
 V. *bayberry yellows*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. *cucumber mosaic*
 Bennett, C.W., 1940
- V. *dodder latent mosaic*
 Bennett, C.W., 1944
- V. *raspberry streak*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- CYAMOPSIS DC. 1825 (Leguminosae)**
- C. *psoraloides*, DC.
 V. *tobacco ring spot*
 Cooper, W.E., 1949
 LeBeau, F.J., 1947
 Starr, Chester K. and W.E. Cooper, 1944
- C. *tetragonoloba*, (L.) Taub.
 V. *apple mosaic*
 Yarwood, C.E., 1955
- V. *bean yellow mosaic*
 Thomas, H. Rex and W.J. Zaumeyer, 1953
- V. *bean yellow stipple*
 Zaumeyer, W.J. and H. Rex Thomas, 1950
- V. *cowpea mosaic*
 Capoor, S.P. and P.M. Varma, 1956
- V. *iris ring spot* *
 Travis, R.V., 1957
- V. *lucerne mosaic*
 Thomas, H. Rex, 1951
- V. *peach ring spot*
 Fulton, Robert W., 1956
- V. *peach yellow bud mosaic*
 Yarwood, C.E., 1956
- V. *potato M* *
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- V. *potato paracrinkle*
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- V. *Yarwood, C.E. and A.H. Gold*, 1955
- V. *prunus A* *
 Ehlers, Clifford G. and J. Duain Moore, 1957
- Fulton, Robert W., 1957

- C. *tetragonoloba*, (L.) Taub. (cont.)

V. *prunus* B *

Ehlers, Clifford G. and J. Duain Moore, 1957

V. *prunus* E *

Ehlers, Clifford G. and J. Duain Moore, 1957

Fulton, Robert W., 1957

V. *prunus* G *

Fulton, Robert W., 1957

V. *prunus* isolates A, E, G *

Fulton, Robert W., 1957

V. *rose* mosaic

Fulton, Robert W., 1952

V. *tobacco* necrosis

Fulton, Robert W., 1950

V. *tobacco* ring spot

Cheo, Pen Ching and W.J. Zaumeyer, 1952

V. *tobacco* streak

Fulton, Robert W., 1948

Thomas, H. Rex and W.J. Zaumeyer, 1950
- CYCLANTHERA** Schrad. 1831 (Cucurbitaceae)

C. *pedata*, Schrad.

V. *muskmelon* mosaic

Anderson, C.W., 1954

V. *prunus* A *

Fulton, Robert W., 1957

V. *prunus* B *

Fulton, Robert W., 1957

V. *prunus* E *

Fulton, Robert W., 1957

V. *prunus* G *

Fulton, Robert W., 1957

V. *watermelon* mosaic

Anderson, C.W., 1954
- CYCLOLOMA** Moq. 1840 (Chenopodiaceae)

C. *atriplicifolium*, (Spreng.) Coul.

V. *beet* yellows

Roland, G. and J. Tahon, 1961
- CYDONIA** Tourn. ex Mill. 1752 (Rosaceae)

C. *oblonga*, Mill.

V. *pear* mosaic

Posnette, A.F., 1957

V. *pear* red mottle *

Posnette, A.F., 1957

V. *quince* sooty ring spot *

Posnette, A.F., 1957

V. *quince* stunt *

Posnette, A.F., 1957
- CYMBALARIA** Medic. 1791 (Scrophulariaceae)

C. *muralis*, Gaertn., Mey. & Scherb.

V. *beet* curly top

Freitag, Julius H. and Henry H.P. Severin, 1936

V. *cucumber* mosaic

Price, W.C., 1940

V. *lucerne* mosaic

Price, W.C., 1940

V. *tobacco* etch

Holmes, Francis O., 1946

V. *tobacco* necrosis

Price, W.C., 1940

V. *tobacco* ring spot

Price, W.C., 1940

V. *tobacco* ring spot no. 2

Hildebrand, E.M., 1942

Price, W.C., 1940
- CYMBIDIUM** Sw. 1799 (Orchidaceae)

C. *insigne*, Rolfe

V. *orchid* (*cymbidium*) mosaic

Jensen, D.D., 1951

C. *lowianum*, Reichb. f.

V. *orchid* (*cymbidium*) mosaic

Jensen, D.D., 1951

C. spp.

V. *orchid* (*cymbidium*) mosaic

Jensen, D.D., 1950

Jensen, D.D. and A.H. Gold, 1955

Murakishi, H. and M. Ishii, 1954

White, N.H. and D.J. Goodchild, 1955

V. *orchid* (*laelia anceps*) *

Jensen, D.D. and A.H. Gold, 1952
- C. spp. (cont.)

V. *orchid* (*odontoglossum*) ring spot

Jensen, D.D. and A.H. Gold, 1952

V. *orchid* (*oncidium rogers*) *

Jensen, D.D. and A.H. Gold, 1952
- CYMOPOGON** Spreng. 1815 (Gramineae)

C. *nardus*, (L.) Rendle

V. *sugarcane* mosaic

Costa, A.S. and M.P. Penteado, 1951

Lawas, Orenco M. and William L. Fernandez, 1949
- CYNARA** Vaill. ex L. 1737 (Compositae)

C. *cardunculus*, L.

V. *cynarus* curly dwarf

Leach, L.D. and J.W. Oswald, 1950

V. *rose* mosaic

Fulton, Robert W., 1952
- C. *scolymus*, L.

V. *cynarus* curly dwarf

Leach, L.D. and J.W. Oswald, 1950

Morton, Donald J., 1957
- CYNODON** Rich. 1805 (Gramineae)

C. *dactylon*, (L.) Pers.

V. *barley* yellow dwarf

Oswald, John W. and Byron R. Houston, 1953

V. *lucerne* dwarf

Freitag, Julius H., 1951
- CYNOGLOSSUM** ((Tourn.)) L. 1735 (Boraginaceae)

C. *amabile*, Stapf & Drum.

V. *beet* curly top

Freitag, Julius H. and Henry H.P. Severin, 1936

V. *cucumber* mosaic

Fulton, Robert W., 1941

Wellman, F.L., 1935

V. *lucerne* mosaic

Price, W.C., 1940

V. *prunus* A *

Fulton, Robert W., 1957

V. *prunus* B *

Fulton, Robert W., 1957

V. *tobacco* broad ring spot

Johnson, James and Robert W. Fulton, 1942

V. *tobacco* mosaic

Fulton, Robert W., 1941

Grant, T.J., 1934

Holmes, Francis O., 1946

V. *tobacco* ring spot

Fulton, Robert W., 1941

Price, W.C., 1940
- CYNOSURUS** L. 1737 (Gramineae)

C. *echinatus*, L.

V. *barley* yellow dwarf

Oswald, John W. and Byron R. Houston, 1953
- CYPERUS** ((Mich.)) L. 1735 (Cyperaceae)

C. *esculentus*, L.

V. *lucerne* dwarf

Freitag, Julius H., 1951
- CYPHOMANDRA** Mart. ex Sendtn. 1845 (Solanaceae)

C. *betacea*, (Cav.) Sendt.

V. *potato* X

Larson, R.H., 1947

Matthews, R.E.F., 1949

Thompson, A.D., 1956

V. *potato* Y

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- CYTISUS** L. 1735 (Leguminosae)

C. *scoparius*, (L.) Link

V. *lucerne* dwarf

Freitag, Julius H., 1951
- DACTYLIS** L. 1742 (Gramineae)

D. *glomerata*, L.

V. *barley* yellow dwarf

Bruehl, G.W. and H.V. Toko, 1957

Oswald, John W. and Byron R. Houston, 1953

- D. *glomerata*, L. (cont.)
 V. cocksfoot streak
 Smith, K.M., 1952
- V. grass orchard mosaic *
 McKinney, H.H., 1956
- V. ryegrass mosaic *
 Bruehl, G.W., H.V. Toko and H.H. McKinney, 1957
- DACTYLOCTENIUM** Willd. 1809 (Gramineae)
 D. *aegyptium*, (L.) Richt.
 V. rice and corn leaf-gall *
 Agati, Julian A. and Carlos A. Calica, 1950
- V. sugarcane mosaic
 Lawas, Orenco M. and William L. Fernandez, 1949
- DAHLIA** Cav. 1791 (Compositae)
 D. *pinnata*, Cav.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
- V. cucumber mosaic
 Pound, Glenn S. and J.C. Walker, 1948
- V. tomato spotted wilt
 Holmes, Francis O., 1948, 1955
 Smith, K.M., 1932
- D. spp.
 V. chrysanthemum stunt
 Keller, John R., 1953
- V. potato Y
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- D. *variabilis*, (Willd.) Desf.
 V. aster yellows
 Smith, Floyd F. and Philip Brierley, 1953
- V. chrysanthemum stunt
 Brierley, Philip, 1950
- V. cucumber mosaic
 Brierley, Philip, 1951
- V. dahlia mosaic
 Brierley, Philip, 1933, 1951
 Brierley, Philip and Floyd F. Smith, 1950
- V. tomato spotted wilt
 Brierley, Philip, 1933
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Gardner, M.W. and O.C. Whipple, 1934
- DALBERGIA** L. f. 1781 (Leguminosae)
 D. *melanoxyton*, Guill. & Perr.
 V. groundnut rosette
 Evans, A.C., 1954
- DAPHNE** Tourn. ex L. 1735 (Thymelaeaceae)
 D. *mezereum*, L.
 V. cucumber mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- D. *odora*, Thunb.
 V. cucumber mosaic
 Milbrath, J.A. and Roy A. Young, 1956
- V. lucerne mosaic
 Milbrath, J.A. and Roy A. Young, 1956
- DATURA** L. 1735 (Solanaceae)
 D. *aegyptiaca*, Vesl.
 V. potato leaf roll
 Webb, R.E., R.H. Larson and J.C. Walker, 1952
- D. *bernardii*, Lund.
 V. potato M *
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- V. potato paracrinkle
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- D. *chlorantha*, Hook.
 V. datura distortion mosaic
 Kapoor, S.P. and P.M. Varma, 1952
- V. potato leaf roll
 Webb, R.E., R.H. Larson and J.C. Walker, 1952
- D. *fastuosa*, L.
 V. *nicotiana glutinosa* mosaic *
 Allard, H.A., 1916
- V. potato leaf roll
 Webb, R.E., R.H. Larson and J.C. Walker, 1952
- V. *vaccinium* false blossom
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- D. *ferox*, L.
 V. cabbage black ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco etch
 Greenleaf, W.H., 1956
- D. *inoxia*, Mill.
 V. apple *
 Hilborn, M.T. and Reiner Bonde, 1956
- V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1957
- V. datura distortion mosaic
 Kapoor, S.P. and P.M. Varma, 1952
- V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- D. *metel*, L.
 V. cucumber mosaic
 Pound, Glenn S. and J.C. Walker, 1948
- V. datura distortion mosaic
 Kapoor, S.P. and P.M. Varma, 1952
- V. potato leaf roll
 Webb, R.E., R.H. Larson and J.C. Walker, 1952
- V. potato M *
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- V. potato paracrinkle
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- V. potato X
 Larson, R.H., 1947
- V. potato Y
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
 Easton, G.D., R.H. Larson and R.W. Hougas, 1958
- V. tobacco mosaic
 Perez, J. Enrique, J. Adsuar and Orlando Sala, 1956
- V. tobacco ring spot
 Price, W.C., 1940
- V. tobacco streak
 Fulton, Robert W., 1948
- V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- D. metel var. *fastuosa*, L. *
 V. datura distortion mosaic
 Kapoor, S.P. and P.M. Varma, 1952
- D. *meteloides*, DC.
 V. cucumber mosaic
 Wellman, F.L., 1935
- V. jimsonweed mosaic *
 Fernow, Karl Hermann, 1925
- V. potato X
 Fernow, Karl Hermann, 1925
- V. tobacco etch
 Bennett, C.W., 1944
- V. tobacco mosaic
 Keener, Paul D., 1954
- V. tomato bushy stunt
 Steere, Russell L., 1953
- V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- D. spp.
 V. tobacco ring spot
 Smith, Kenneth M., 1929
- V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- D. *stramonium*, L.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- Raymer, W.B., 1956
- V. *atropa belladonna* mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. beet curly top
 Adsuar, Jose, 1955
- Bennett, C.W. and A.S. Costa, 1949
- Bennett, C.W. and Aziz Tanrisever, 1957
- Costa, A.S., 1952
- Fulton, Robert W., 1955
- Giddings, N.J., 1944, 1954

- D. stramonium, L. (cont.)
 V. beet curly top
 Giddings, N.J., C.W. Bennett and A.L. Harrison, 1951
 Severin, Henry H.P., 1929, 1934
 V. beet ring spot *
 Harrison, B.D., 1957
 V. cabbage black ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1957
 V. carrot motley dwarf
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. cucumber green mottle mosaic
 Ainsworth, G.C., 1935
 Vasudeva, R.S. and T.K. Nariani, 1952
 Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 V. cucumber mosaic
 Berkeley, G.H., 1951, 1953
 Bhargava, K.S., 1951
 Doolittle, S.P. and W.J. Zaumeyer, 1953
 Govier, D.A., 1957
 Hagedorn, D.J. and J.C. Walker, 1954
 Harrison, B.D., 1958
 Hollings, M., 1955
 Johnson, E.M., 1930
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Nariani, T.K. and Nirmaljit Singh, 1952
 Nienow, Inez, 1948
 Smith, Kenneth M., 1935
 Wellman, F.L., 1934, 1935
 Whipple, O.C. and J.C. Walker, 1941
 V. datura distortion mosaic
 Kapoor, S.P. and P.M. Varma, 1952
 V. datura rugose leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. delphinium ring spot
 Severin, Henry H.P. and R.C. Dickson, 1942
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
 V. henbane mosaic
 Bradley, R.H.E., 1952
 Hamilton, Marion A., 1932
 V. jimsonweed mosaic *
 Farnsworth, Karl Hermann, 1925
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
 V. lovage mosaic
 Smith, K.M. and Roy Markham, 1944
 V. lucerne mosaic
 Berkeley, G.H., 1947
 Oswald, John W., 1950
 Porter, D.R., 1935
 Richardson, D.E. and T.W. Tinsley, 1956
 Thomas, H. Rex, 1951, 1953
 Zaumeyer, W.J., 1938, 1953
 V. lucerne witches' broom
 Helms, Katie, 1957
 V. orchid (cymbidium) mosaic
 Jensen, D.D. and A.H. Gold, 1955
 White, N.H. and D.J. Goodchild, 1955
 V. peach X disease
 Slack, Derald A., 1952
 V. physalis floridana yellow net
 Webb, R.E., 1955
 V. potato A
 Vasudeva, R. Sahai and C.S. Ramamoorthy, 1946
 V. potato aucuba mosaic
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 Dennis, R.W.G., 1939
 V. potato leaf roll
 Dykstra, T.P., 1930, 1933
 Kassanis, B., 1952
 Kirkpatrick, Hugh C. and A. Frank Ross, 1952
 Webb, R.E., 1956
 Williams, W. Llewelyn and A. Frank Ross, 1957
 V. potato necrotic *
 Schultz, E.S. and W.P. Raleigh, 1933
 V. potato X
 Ainsworth, G.C., 1933, 1934
- D. stramonium, L. (cont.)
 V. potato X
 Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 Bawden, F.C., 1936
 Bawden, F.C. and F.M.L. Sheffield, 1944
 Cockerham, George, 1943
 Dennis, R.W.G., 1939
 Dykstra, T.P., 1933, 1939
 Farnsworth, Karl Hermann, 1925
 Folsom, Donald and Reiner Bonde, 1937
 Goss, R.W., 1931
 Hutton, E.M., 1949
 Jarrett, Phyllis H., 1930
 Johnson, E.M., 1930
 Johnson, James, 1925
 Roberts, F.M., 1948
 Samson, R.W., 1930
 Schultz, E.S., C.F. Clark, W.P. Raleigh, F.J. Stevenson, R. Bonde and J.H. Beaumont, 1937
 Schultz, E.S. and W.P. Raleigh, 1936
 Smith, J. Henderson, 1928
 Thompson, A.D., 1956
 Vasudeva, R. Sahai and T.B. Lal, 1944
 V. potato Y
 Bawden, F.C., 1936
 Bawden, F.C. and B. Kassanis, 1947
 Samson, R.W., 1930
 V. potato yellow dwarf
 Hougas, R.W., 1951
 V. prunus B *
 Fulton, Robert W., 1957
 V. raspberry Scottish leaf curl
 Cadman, C.H., 1956
 Harrison, B.D., 1958
 Lister, R.M., 1958
 V. raspberry yellow dwarf *
 Harrison, B.D., 1958
 V. red currant ring spot
 Klessner, P.J., 1951
 V. tobacco bergerac ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
 V. tobacco coarse etch
 Johnson, E.M., 1930
 V. tobacco etch
 Anderson, C.W. and M.K. Corbett, 1957
 Bawden, F.C. and B. Kassanis, 1941
 Bennett, C.W., 1944
 Fulton, Robert W., 1941
 Greenleaf, W.H., 1956
 Holmes, Francis O., 1942, 1946
 Johnson, E.M., 1930
 V. tobacco leaf curl
 Vasudeva, R.S. and J. Sam Raj, 1948
 V. tobacco mosaic
 Ainsworth, G.C., 1933, 1937
 Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 Allard, H.A., 1916
 Anderson, C.W. and M.K. Corbett, 1957
 Berkeley, G.H., 1951
 Caldwell, John, 1932
 Crawford, R.F., 1921
 Das, C.R. and S.P. Raychaudhuri, 1953
 Doolittle, S.P. and F.S. Beecher, 1942
 Holmes, F.O., 1934, 1946
 Jarrett, Phyllis H., 1930
 Johnson, E.M., 1930
 McKinney, H.H., 1952
 McKinney, H.H. and Robert W. Fulton, 1949
 Samson, R.W., 1930
 V. tobacco mottle
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tobacco ring spot
 Berkeley, G.H., 1951, 1953
 Bridgmon, G.H. and J.C. Walker, 1952
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 Cooper, W.E., 1949
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Fulton, Robert W., 1941

- D. stramonium, L. (cont.)
 V. tobacco ring spot
 Henderson, R. G. and S. A. Wingard, 1931
 Johnson, E. M., 1930
 Steere, Russell L., 1956
 Thomas, H. Rex and W. J. Zaumeyer, 1950
 Wingard, S. A., 1928
 V. tobacco ring spot no. 2
 Brierley, Philip, 1954
 V. tobacco streak
 Fulton, Robert W., 1941, 1948
 Johnson, J., 1936
 Thomas, H. Rex and W. J. Zaumeyer, 1950
 V. tobacco vein distorting
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tobacco yellow dwarf
 Helson, G. A. H., 1950
 Hill, A. V., 1950
 Hill, A. V. and M. Mandryk, 1954
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P.
 Doolittle, 1955
 Hollings, M., 1955
 V. tomato big bud
 Helms, Katie, 1957
 Hill, A. V. and M. Mandryk, 1954
 Norris, D. O., 1954
 V. tomato black ring
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tomato bushy stunt
 Steere, Russell L., 1953
 V. tomato ring spot
 Imle, E. P. and R. W. Samson, 1937
 Samson, R. W. and E. P. Imle, 1942
 V. tomato spotted wilt
 Ainsworth, G.C., 1933
 Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 Gardner, M.W., C.M. Tompkins and O.C.
 Whipple, 1935
 Gardner, M.W. and O.C. Whipple, 1934
 Milbrath, J.A., 1939
 Norris, D.O., 1951
 Sakimura, K., 1940
 Shapovalov, M., 1934
 Smith, Kenneth M., 1931, 1932, 1935
 Snyder, W.C. and H. Rex Thomas, 1936
 Whipple, O.C., 1936
 V. tomato V-52-1
 Miller, Patrick M., 1953
 V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
 V. vaccinium ring spot
 Hilborn, M. T. and Reiner Bonde, 1956
 D. stramonium var. tatula, (L.) Torr.
 V. datura rugose leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. lucerne witches' broom
 Helms, Katie, 1957
 V. potato A
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 V. potato aucuba mosaic
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 V. potato leaf roll
 Dykstra, T.P., 1930, 1933
 Kassanis, B., 1952
 Webb, R.E., R.H. Larson and J.C. Walker, 1952
 V. potato X
 Dykstra, T.P., 1933
 Larson, R.H., 1947
 Matthews, R.E.F., 1949
 Timian, Roland G., W.J. Hooker and C.E.
 Peterson, 1955
 V. tobacco yellow dwarf
 Helson, G.A.H., 1950
 V. tomato big bud
 Helms, Katie, 1957
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- D. wrightii, Hort. ex Regel
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- DAUCUS ((Tourn.)) L. 1735 (Umbelliferae)
- D. carota, L.
 V. aster yellows
 George, J.A. and J.K. Richardson, 1957
 V. bayberry yellows
 Raychaudhuri, S.P., 1953
 V. clover witches' broom *
 Frazier, N.W. and A.F. Posnette, 1957
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
 V. lucerne witches' broom
 Helms, Katie, 1957
 V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
 V. tomato big bud
 Helms, Katie, 1957
 V. vaccinium false blossom
 Kunkel, L.O., 1945
 V. vinca yellows *
 Maramorosch, Karl, 1956
- D. carota var. sativa, DC.
- V. asclepias yellows *
 Kunkel, L.O., 1950
- V. aster yellows
 Hervey, G.E.R. and W.T. Schroeder, 1949
 Severin, Henry H.P., 1930, 1932, 1934
 Severin, Henry H.P. and Julius H. Freitag, 1945
- V. bayberry yellows
 Raychaudhuri, S.P., 1952
- V. carrot motley dwarf
 Stubbs, L.L., 1956
- V. celery mosaic
 Freitag, Julius H. and Henry H.P. Severin, 1945
 Severin, Henry H.P. and Julius H. Freitag, 1938
- V. datura rugose leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. lucerne dwarf
 Freitag, Julius H., 1951
- V. lucerne mosaic
 Price, W.C., 1940
- V. lucerne witches' broom
 Kunkel, L.O., 1952
- V. peach western X disease
 Weathers, Lewis G. and George W. Cochran, 1950
- V. peach X disease
 Kunkel, L.O., 1944
 Slack, Derald A., 1952
- V. poison hemlock ring spot
 Freitag, Julius H. and Henry H.P. Severin, 1945
- V. tobacco mosaic
 Grant, T.J., 1934
- V. tomato big bud
 Kunkel, L.O., 1951
- V. vinca yellows *
 Maramorosch, Karl, 1957
- DELPHINIUM Tourn. ex L. 1735 (Ranunculaceae)
- D. ajacis, L.
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
- V. cucumber mosaic
 Nienow, Inez, 1948
- V. radish mosaic
 Tompkins, C.M., 1939
- V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P.
 Doolittle, 1955
- V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- D. cardinale, Hook.
- V. cucumber western mosaic *
 Severin, Henry H.P., 1942
- D. consolida, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
- V. tobacco mosaic
 Grant, T.J., 1934

- D. cultorum, Voss
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
 Severin, Henry H.P. and Sidney J. Oliver, 1939
 V. cucumber mosaic
 Valleau, W.D., 1932
 V. lucerne mosaic
 Price, W.C., 1940
 V. tomato spotted wilt
 Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 D. formosum, Boiss. & Huet.
 V. cucumber mosaic
 Severin, Henry H.P., 1942
 V. cucumber western mosaic *
 Severin, Henry H.P., 1942
 V. lucerne mosaic
 Severin, Henry H.P., 1942
 D. grandiflorum, L.
 V. anemone mosaic *
 Hollings, M., 1957
 D. grandiflorum var. album, Hort.
 V. aster yellows
 Severin, Henry H.P., 1942
 V. cucumber western mosaic *
 Severin, Henry H.P., 1942
 V. lucerne mosaic
 Severin, Henry H.P., 1942
 D. hybrid
 V. aster yellows
 Severin, Henry H.P., 1942
 V. cucumber mosaic
 Severin, Henry H.P., 1942
 V. cucumber western mosaic *
 Severin, Henry H.P., 1942
 V. delphinium ring spot
 Severin, Henry H.P. and R.C. Dickson, 1942
 V. lucerne mosaic
 Severin, Henry H.P., 1942
 V. tobacco mosaic
 Severin, Henry H.P., 1942
 V. tobacco ring spot
 Severin, Henry H.P., 1942
 V. tomato spotted wilt
 Severin, Henry H.P., 1942
 D. nudicaule, Torr. & Gray
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 Severin, Henry H.P., 1942
 D. parryi, Gray, var. maritimum, Davidson
 V. cucumber mosaic
 Severin, Henry H.P., 1942
 V. lucerne mosaic
 Severin, Henry H.P., 1942
 D. spp.
 V. anemone latent *
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. aster yellows
 Severin, Henry H.P., 1942
 V. beet curly top
 Severin, Harry H.P., 1942
 V. cucumber mosaic
 Burnett, G., 1934
 V. cucumber western mosaic *
 Severin, Henry H.P., 1942
 V. lucerne mosaic
 Severin, Henry H.P., 1942
 V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
 D. zalil, Aitch. & Hemsl.
 V. cucumber western mosaic *
 Severin, Henry H.P., 1942
 V. lucerne mosaic
 Severin, Henry H.P., 1942
DENDROBIUM Sw. 1799 (Orchidaceae)
 D. superbum, Reichb. f.
 V. orchid (dendrobium) mosaic *
 Murakishi, Harry H., 1952
 Murakishi, Harry H. and M. Ishii, 1954
- DESCHAMPSIA Beauv. 1812 (Gramineae)
 D. caespitosa, (L.) Beauv.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 D. danthonioides, (Trin.) Munro
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- DESMODIUM Desv. 1813 (Leguminosae)
 D. batocaulon, A. Gray
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- D. canadense, (L.) DC.
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- D. canum, Schinz & Thell.
 V. kaimi clover disease *
 Murakishi, Harry H., 1952
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- D. frutescens, Schindl.
 V. cowpea mosaic
 Dale, W.T., 1949
- D. gangeticum, (L.) DC.
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- D. incanum, DC.
 V. cowpea mosaic
 Anderson, C.W., 1955
- D. scorpiurus, (Sw.) Desv.
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- D. uncinatum, (Jacq.) DC.
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- DIANTHUS L. 1735 (Caryophyllaceae)**
- D. arenarius, L.
 V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1957
- D. armeria, L.
 V. clover big vein
 Black, L.M., 1945
- D. barbatus, L.
 V. aster yellows
 Kunkel, L.O., 1926
 Severin, Henry H.P. and Julius H. Freitag, 1945
- V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. carnation mosaic
 Ames, Ralph W. and H.H. Thornberry, 1952
 Ames, Ralph W., A.E. Vatter, John J. Scholz and H.H. Thornberry, 1951
 Brierley, Philip and Floyd F. Smith, 1955, 1957
 Gasiorkiewicz, E.C., 1954, 1956
 Rumley, Gail E. and W.D. Thomas, Jr., 1951
 Thomas, W.D., Jr. and R.R. Baker, 1952
 Wright, Charles M., 1951
- V. carnation mottle
 Brierley, Philip and Floyd F. Smith, 1957
 Kassanis, B., 1955
- V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1957
 Kassanis, B., 1955
- V. carnation vein mottle
 Kassanis, B., 1955
- V. clover big vein
 Black, L.M., 1945
- V. hydrangea ring spot
 Brierley, Philip and Paul Lorentz, 1956, 1957
- V. potato paracrinkle
 Kassanis, B., 1955
- V. rhubarb ring spot *
 Vaughan, Edward K. and John W. Yale, Jr., 1953
 Yale, John W., Jr. and Edward K. Vaughan, 1954
- D. caesius, Smith
 V. carnation ring spot.
 Brierley, Philip and Floyd F. Smith, 1957
- D. caryophyllus, L.
 V. aster yellows
 Brierley, Philip and Floyd F. Smith, 1957

- D. *caryophyllus*, L. (cont.)
 V. *aster yellows*
 Jones, Leon K., 1945
 Thomas, W.D., Jr., 1953
 V. *beet curly top*
 Freitag, Julius H. and Henry H.P. Severin, 1936
 Severin, Henry H.P. and Julius H. Freitag, 1934
 V. *carnation mosaic*
 Ames, Ralph W. and H.H. Thornberry, 1952
 Ames, Ralph W., A.E. Vatter, John J. Scholz and H.H. Thornberry, 1951
 Brierley, Philip and Floyd F. Smith, 1955, 1957
 Creager, D.B., 1943
 Gasiorkiewicz, E.C., 1954, 1956
 Jones, Leon K., 1945
 Rumley, Gail E. and W.D. Thomas, Jr., 1951
 Thomas, W.D. Jr. and R.R. Baker, 1952
 Wright, Charles M., 1951
 V. *carnation mottle*
 Brierley, Philip and Floyd F. Smith, 1957
 Kassanis, B., 1955
 V. *carnation ring spot*
 Brierley, Philip and Floyd F. Smith, 1955, 1957
 Kassanis, B., 1955
 V. *carnation vein mottle*
 Kassanis, B., 1955
 V. *potato paracrinkle*
 Kassanis, B., 1955
 D. *chinensis*, L.
 V. *beet curly top*
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. *carnation mosaic*
 Brierley, Philip and Floyd F. Smith, 1957
 D. *chinensis* var. *hedgewigii*, Regel
 V. *beet curly top*
 Freitag, Julius H. and Henry H.P. Severin, 1936
 D. *deltoides*, L.
 V. *beet yellows*
 Roland, G. and J. Tahon, 1961
 V. *carnation mosaic*
 Brierley, Philip and Floyd F. Smith, 1957
 V. *carnation ring spot*
 Brierley, Philip and Floyd F. Smith, 1957
 D. *giganteus*, Urv.
 V. *carnation mosaic*
 Brierley, Philip and Floyd F. Smith, 1957
 D. *latifolius*, Willd.
 V. *carnation mosaic*
 Brierley, Philip and Floyd F. Smith, 1957
 D. *plumarium*, L.
 V. *beet curly top*
 Freitag, Julius H. and Henry H.P. Severin, 1936
 Severin, Henry H.P., 1939
 Severin, Henry H.P. and Julius H. Freitag, 1934
 V. *carnation mosaic*
 Brierley, Philip and Floyd F. Smith, 1957
 V. *carnation ring spot*
 Brierley, Philip and Floyd F. Smith, 1957
 V. *tobacco ring spot*
 Price, W.C., 1940
 D. spp.
 V. *vaccinium false blossom*
 Kunkel, L.O., 1945
 D. *superbus*, L.
 V. *carnation mosaic*
 Brierley, Philip and Floyd F. Smith, 1957
 V. *carnation mottle*
 Brierley, Philip and Floyd F. Smith, 1957
 V. *carnation ring spot*
 Brierley, Philip and Floyd F. Smith, 1957

DICHROSTACHYS Wight & Arn. 1834 (Leguminosae)
 D. *nyassana*, Taub.
 V. *groundnut rosette*
 Evans, A.C., 1954

DIDISCUS DC. 1828 (Umbelliferae)
 D. *caeruleus*, DC.
 V. *aster yellows*
 Kunkel, L.O., 1926

DIGITALIS ((Tourn.)) L. 1735 (Scrophulariaceae)
 D. *ambigua*, Murr.
 V. *beet curly top*
 Freitag, Julius H. and Henry H.P. Severin, 1936
 D. *lanata*, Ehrh.
 V. *potato X*
 Larson, R.H., 1944
 D. *purpurea*, L.
 V. *tobacco mosaic*
 Grant, T.J., 1934
 Holmes, Francis O., 1946
 V. *turnip mosaic*
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

DIGITARIA Heist. ex Adans. 1763 (Gramineae)
 D. *corymbosa*, Merr.
 V. *sugarcane mosaic*
 Lawas, Orenco M. and William L. Fernandez, 1949
 D. *horizontalis*, Willd.
 V. *maize streak*
 Storey, H.H. and A.P.D. McClean, 1930
 D. *ischaemum*, (Schreb.) Muhl.
 V. *barley stripe mosaic*
 McKinney, H.H., 1951, 1953
 V. *brome mosaic*
 McKinney, H.H., 1953
 V. *wheat streak mosaic*
 McKinney, H.H. and Hurley Fellows, 1951
 Meiners, Jack P. and H.H. McKinney, 1954
 D. *sanguinalis*, (L.) Scop.
 V. *barley stripe mosaic*
 Slykhuis, J.T., 1952
 V. *lucerne dwarf*
 Freitag, Julius H., 1951
 V. *panicum mosaic**
 Sill, W.H., Jr., 1957
 Sill, W.H., Jr. and R.C. Pickett, 1957
 V. *sugarcane mosaic*
 Ingram, J.W. and E.M. Summers, 1938
 V. *wheat streak mosaic*
 Slykhuis, J.T., 1952, 1955

DIMORPHOTHECA Vaill. ex L. 1735 (Compositae)
 D. *aurantiaca*, DC.
 V. *aster yellows*
 Kunkel, L.O., 1926
 V. *beet curly top*
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. *cabbage black ring spot*
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. *tobacco etch*
 Holmes, Francis O., 1946
 V. *tobacco mosaic*
 Grant, T.J., 1934
 Holmes, Francis O., 1946
 V. *turnip mosaic*
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. *vaccinium false blossom*
 Kunkel, L.O., 1945

DIOSCOREA Plum. ex L. 1737 (Dioscoreaceae)
 D. *rotundata*, Poir.
 V. *yam mosaic**
 Adsuar, Jose, 1955

DIPLOPLACUS Nutt. 1838 (Scrophulariaceae)
 D. *aurantiacus*, Hort. ex Vilmorin's Blumeng.
 V. *aster yellows*
 Frazier, Norman W. and Henry H.P. Severin, 1945

DIPLOTAXIS DC. 1821 (Cruciferae)
 D. *tenuifolia*, (L.) DC.
 V. *cauliflower mosaic*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. *turnip yellow mosaic*
 Broadbent, L. and G.D. Heathcote, 1958

- DIPSACUS L. 1735 (Dipsaceae)
 D. fullonum, L.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin,
 1945
 V. teasel mosaic
 Stoner, Warren N., 1951
 D. spp.
 V. cucumber mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 D. sylvestris, Mill.
 V. tomato black ring
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 DODONAEA L. 1737 (Sapindaceae)
 D. viscosa, Jacq.
 V. sandal spike
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 DOLICHOS L. 1737 (Leguminosae)
 D. biflorus, L.
 V. bean yellow mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. rose mosaic
 Fulton, Robert W., 1952
 V. tobacco streak
 Fulton, Robert W., 1948
 D. fulcatus *
 V. groundnut rosette
 Evans, A.C., 1954
 D. lablab, L.
 V. cowpea mosaic
 Anderson, C.W., 1955
 Dale, W.T., 1949
 V. cucumber mosaic
 Anderson, C.W., 1955
 V. lucerne mosaic
 Pierce, W.H., 1934
 Zaumeyer, W.J., 1953
 V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
 V. tobacco ring spot
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 Fulton, Robert W., 1941
 Pierce, W.H., 1934
 Wingard, S.A., 1928
 D. malosanus, Baker
 V. groundnut rosette
 Evans, A.C., 1954
 D. striatus, Steud.
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
 DUCHESNEA Smith 1811 (Rosaceae)
 D. indica, (Andr.) Focke
 V. clover witches' broom *
 Frazier, N.W. and A.F. Posnette, 1957
 V. strawberry green petal
 Frazier, N.W. and A.F. Posnette, 1957
 ECBALLIUM A. Rich. 1824 (Cucurbitaceae)
 E. elaterium, A. Rich.
 V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
 ECHINACEA Moench 1794 (Compositae)
 E. purpurea, (L.) Moench
 V. chrysanthemum stunt
 Brierley, Philip, 1950, 1953
 Keller, John R., 1953
 ECHINOCHLOA Beauv. 1812 (Gramineae)
 E. colonum, (L.) Link
 V. sugarcane mosaic
 Chardon, C.E. and R.A. Veve, 1923
 E. crus-galli, (L.) Beauv.
 V. barley stripe mosaic
 Slykhuis, J.T., 1952
 V. lucerne dwarf
 Freitag, Julius H., 1951
 V. oat pseudo-rosette
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. panicum mosaic *
 Sill, W.H., Jr., 1957
 Sill, W.H., Jr. and R.C. Pickett, 1957
 E. crus-galli, (L.) Beauv. (cont.)
 V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
 Slykhuis, J.T., 1952, 1955
 E. crus-galli var. edulis, Hitchc.
 V. rice dwarf
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 ECHINOCYSTIS Torr. & Gray 1840 (Cucurbitaceae)
 (MICRAMPHELIS) Raf. 1808
 E. lobata, (Michx.) Torr. & Gray (M. lobata, Greene)
 V. cucumber mosaic
 Doolittle, S.P. and W.W. Gilbert, 1918
 V. cucurbit mosaic *
 Doolittle, S.P., 1921
 Doolittle, S.P. and W.W. Gilbert, 1919
 Doolittle, S.P. and M.N. Walker, 1924, 1925
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
 V. wild cucumber mosaic *
 Fernow, Karl Hermann, 1925
 E. oregana, (Torr. & Gray) Cogn.
 V. (cucumber) O.S.C. isolate 606 *
 Porter, Clark A. and Frank P. McWhorter, 1951
 ECHIUM Tourn. ex L. 1737 (Boraginaceae)
 E. vulgare, L.
 V. cabbage black ring spot
 Hollings, M., 1957
 V. tobacco mosaic
 Holmes, Francis O., 1946
 ELETTARIA Maton 1811 (Zingiberaceae)
 E. cardamomum, Maton
 V. cardamom mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 ELEUSINE Gaertn. 1788 (Gramineae)
 E. indica, (L.) Gaertn.
 V. maize streak
 Storey, H.H. and A.P.D. McClean, 1930
 V. rice and corn leaf-gall *
 Agati, Julian A. and Carlos A. Calica, 1950
 V. sugarcane mosaic
 Chardon, C.E. and R.A. Veve, 1923
 Lawas, Orenco M. and William L. Fernandez,
 1949
 V. sugarcane streak
 Storey, H.H. and A.P.D. McClean, 1930
 ELYMUS L. 1748 (Gramineae)
 E. canadensis, L.
 V. wheat streak mosaic
 McKinney, H.H. and Hurley Fellows, 1951
 Slykhuis, J.T., 1955
 E. caput-medusae, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1953
 E. condensatus, Presl
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 V. wheat streak mosaic
 McKinney, H.H. and Hurley Fellows, 1951
 E. giganteus, Vahl
 V. wheat streak mosaic
 McKinney, H.H. and Hurley Fellows, 1951
 E. triticeoides, Buckl.
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
 E. virginicus, L.
 V. wheat streak mosaic
 McKinney, H.H. and Hurley Fellows, 1951

- EMILIA** Cass. 1817 (Compositae)
E. flammula, Cass.
 V. tobacco mosaic
 Holmes, Francis O., 1946
E. sagittata, DC.
 V. chrysanthemum stunt
 Brierley, Philip, 1950, 1953
 Keller, John R., 1953
 V. cucumber mosaic
 Wellman, F. L., 1934, 1935
 V. tobacco mosaic
 Grant, T. J., 1934
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 V. tomato spotted wilt
 Gardner, M. W., C. M. Tompkins and O. C. Whipple, 1935
 Linford, M. B., 1931, 1932
 Whipple, O. C., 1936
E. sonchifolia, Hort.
 V. tomato spotted wilt
 Norris, D. O., 1951
 Parris, G. K., 1940
 Sakimura, K., 1940
- EMMENANTHE** Benth. 1835 (Hydrophyllaceae)
E. penduliflora, Benth.
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- ENSETE** Bruce 1862 (Musaceae)
E. glaucum, (Roxb.) Cheesman
 V. cucumber mosaic
 Bernardo, Fernando A. and Dioscoro L. Umali, 1956
- EPIDENDRUM** L. 1737 (Orchidaceae)
E. spp.
 V. orchid (cymbidium) mosaic
 Jensen, D.D. and A.H. Gold, 1955
- EPILOBIUM** Dill. ex L. 1735 (Onagraceae)
E. californicum, Hausskn.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
 V. lucerne dwarf
 Freitag, Julius H., 1951
E. paniculatum, Nutt.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
 V. lucerne dwarf
 Freitag, Julius H., 1951
- ERAGROSTIS** Host 1809 (Gramineae)
E. abyssinica, Link
 V. maize streak
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- E. amabilis*, (L.) Wight & Arn.
 V. sugarcane mosaic
 Lawas, Orcencio M. and William L. Fernandez, 1949
- E. aspera*, Nees
 V. maize streak
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- E. cilianensis*, (All.) Link (*E. major*, Host)
 V. barley stripe mosaic
 Slykhuis, J. T., 1952
- V. wheat spot mosaic *
 Slykhuis, J. T., 1956
- V. wheat streak mosaic
 Slykhuis, J. T., 1952, 1955
- V. wheat striate mosaic
 Slykhuis, J. T., 1952, 1953
- E. curvula*, (Schrad.) Nees
 V. maize streak
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- E. diffusa*, Buckl.
 V. lucerne dwarf
 Freitag, Julius H., 1951
- E. trichodes, (Nutt.) Wood
 V. wheat streak mosaic
 McKinney, H.H. and Hurley Fellows, 1951
- ERIGERON** L. 1737 (Compositae)
E. annuus, (L.) Pers.
 V. aster yellows
 Kunkel, L.O., 1926
- V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- E. canadensis*, L.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
 Kunkel, L.O., 1926
 McClintock, J.A., 1931
- V. tobacco mosaic
 Holmes, Francis O., 1938
- V. tobacco ring spot
 Wingard, S.A., 1928
- E. linifolius*, Willd.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- ERIOBOTRYA** Lindl. 1822 (Rosaceae)
E. spp.
 V. apple mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- ERODIUM** L'Herit. 1787 (Geraniaceae)
E. botrys, Bertol.
 V. beet curly top
 Severin, Henry H.P., 1934
- V. filaree red leaf
 Frazier, Norman W., 1951
- E. chamaefryoides*, L'Herit., var. *roseum* *
 V. filaree red leaf
 Anderson, Chris W., 1952
- E. cicutarium*, (L.) L'Herit.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- V. beet curly top
 Carsner, E., 1919
 Carsner, E. and C.F. Stahl, 1924
 Giddings, N.J., 1944
 Lackey, C.F., 1937
 Severin, Henry H.P., 1934
- V. filaree red leaf
 Anderson, Chris W., 1951
 Frazier, Norman W., 1951
- V. lucerne dwarf
 Freitag, Julius H., 1951
- V. peach yellow bud mosaic
 Karle, Harry P., 1957
- V. strawberry green petal
 Frazier, N.W. and A.F. Posnette, 1957
- V. tobacco yellow dwarf
 Helson, G.A.H., 1950
 Hill, A.V., 1950
- V. vaccinium false blossom
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- E. cygnorum*, Nees
 V. tobacco yellow dwarf
 Helson, G.A.H., 1950
- V. vaccinium false blossom
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- E. macrophyllum*, Hook. & Arn.
 V. beet curly top
 Severin, Henry H.P., 1934
- E. moschatum*, L'Herit.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- V. beet curly top
 Carsner, E., 1919
 Severin, Henry H.P., 1934
- V. filaree red leaf
 Anderson, Chris W., 1951
 Frazier, Norman W., 1951
- ERYNGIUM** ((Tourn.)) L. 1735 (Umbelliferae)
E. aquaticum, L.
 V. cucumber mosaic
 Johnson, James, 1946
 Johnson, James and Edith M. Hein, 1948

- E. aquaticum, L. (cont.)
 V. eryngium yellow mosaic *
 Johnson, James, 1946
 Johnson, James and Edith M. Hein, 1948
 V. tobacco mosaic
 Johnson, James, 1946
- ERYSIMUM ((Tourn.)) L. 1735 (Cruciferae)
 E. cheiranthoides, L.
 V. cucumber mosaic
 Pound, Glenn S. and J.C. Walker, 1948
 V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
- E. repandum, L.
 V. beet curly top
 Giddings, N.J., 1944
- ERYTHROPSIS Endl. * (Stereuliaceae)
 E. barteri, (Mast.) Ridley
 V. cacao swollen shoot
 Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
- ESCALLONIA Mutis, ex L. f. 1781 (Saxifragaceae)
 E. montevidensis, DC.
 V. lucerne dwarf
 Freitag, Julius H., 1951
- ESCHSCHOLTZIA Cham. 1820 (Papaveraceae)
 (ESCHSCHOLZIA) Cham. 1820
 E. californica, Cham.
 V. aster yellows
 Kunkel, L.O., 1926
 Severin, Henry H.P. and Julius H. Freitag, 1934, 1945
 V. beet curly top
 Giddings, N.J., 1944
 V. lucerne mosaic
 Price, W.C., 1940
 V. tobacco necrosis
 Price, W.C., 1940
 V. tobacco ring spot
 Price, W.C., 1940
 V. tobacco ring spot no. 2
 Brierley, Philip, 1954
 V. vaccinium false blossom
 Kunkel, L.O., 1945
- EUCHLAENA Schrad. 1832 (Gramineae)
 E. mexicana, Schrad.
 V. brome mosaic
 McKinney, H.H., 1944
 V. cucumber mosaic
 Wellman, F.L., 1934, 1935
 V. maize streak
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. sugarcane mosaic
 Chona, B.L. and S.A. Rafay, 1950
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- E. perennis, Hitchc.
 V. brome mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- EUCOMIS L'Herit. 1788 (Liliaceae)
 E. spp.
 V. ornithogalum mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- EUGENIA Mich. ex L. 1735 (Myrtaceae)
 E. caryophyllata, Thunb.
 V. clove sudden death disease *
 Nutman, F.J. and F.M.L. Sheffield, 1949
- E. myrtifolia, Sims
 V. lucerne dwarf
 Freitag, Julius H., 1951
- EUONYMUS L. 1737 (Celastraceae)
 E. fortunei (Turcz.) Hand.-Mazz., var. radicans (Miq.) Rehd.
 V. euonymus infectious variegation
 Woods, M.W. and H.G. DuBuy, 1943
- EUPATORIUM ((Tourn.)) L. 1735 (Compositae)
 E. lasseauxii, Carr.
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- EUPHORBIA L. 1737 (Euphorbiaceae)
 E. corollata, L.
 V. cucumber mosaic
 Faan, Hwei-Chung and James Johnson, 1951
- E. hirta, L.
 V. tobacco leaf curl
 Pruthi, Hem Singh and C.K. Samuel, 1941
- E. marginata, Pursh
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- E. peplus, L.
 V. beet curly top
 Severin, Henry H.P., 1934
- E. prunifolia, Jacq.
 V. beet curly top
 Bennett, C.W. and A.S. Costa, 1949
 Costa, A.S., 1952
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
- E. splendens, Bojer
 V. cucumber mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- FAGOPYRUM Tourn. ex Hall. 1742 (Polygonaceae)
 F. esculentum, Moench
 V. aster yellows
 Kunkel, L.O., 1926
 V. beet curly top
 Bennett, C.W. and A.S. Costa, 1949
 Carsner, E., 1919
 Costa, A.S., 1952
 Severin, Henry H.P., 1929
 V. cucumber mosaic
 Fulton, Robert W., 1941
 Wellman, F.L., 1935
 V. dodder latent mosaic
 Bennett, C.W., 1944
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
 V. rhubarb ring spot *
 Vaughan, Edward K. and John W. Yale, Jr., 1953
 Yale, John W., Jr. and Edward K. Vaughan, 1954
- V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
- V. tobacco mosaic
 Fulton, Robert W., 1941
 Grant, T.J., 1934
 Holmes, Francis O., 1946
- V. tobacco streak
 Fulton, Robert W., 1948
- FESTUCA ((Tourn.)) L. 1735 (Gramineae)
 F. arundinacea, Schreb.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1953
- F. elatior, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 V. ryegrass mosaic *
 Bruehl, G.W., H.V. Toko and H.H. McKinney, 1957
- F. idahoensis, Elmer
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- F. megalura, Nutt.
 V. lucerne dwarf
 Freitag, Julius H., 1951

- F. myuros, L.
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
- F. ovina, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- F. reflexa, Buckl.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1953
- F. rubra, L.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
- V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- F. spp.
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1952
- FICUS** Tourn. ex L. 1735 (Moraceae)
- F. altissima, Blume
 V. fig mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- F. carica, L.
 V. fig mosaic
 Condit, I.J. and W.T. Horne, 1933, 1941, 1943
 Flock, R.A. and J.M. Wallace, 1955
- F. carica var. sylvestris *
 V. fig mosaic
 Condit, I.J. and W.T. Horne, 1943
- F. krishna, DC.
 V. fig mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- F. pseudocarica, Miq.
 V. fig mosaic
 Condit, I.J. and W.T. Horne, 1933
- F. tsida *
- V. fig mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- FOENICULUM** Tourn. ex L. 1735 (Umbelliferae)
- F. vulgare, Mill.
 V. cucumber mosaic
 Wellman, F.L., 1935
- F. vulgare var. dulce, (Mill.) Fiori
 V. beet curly top
 Severin, Henry H.P., 1929
- FORTUNELLA** Swingle 1915 (Rutaceae)
- F. margarita, (Lour.) Swingle
 V. citrus vein yellowing disease *
 Weathers, L.G., 1957
- FRAGARIA** ((Tourn.)) L. 1735 (Rosaceae)
- F. bracteata, Heller
 V. aster yellows
 Frazier, Norman W. and Harold E. Thomas, 1953
- V. filaree red leaf
 Anderson, Chris W., 1952
- V. strawberry crinkle
 Frazier, Norman W., 1951
- V. strawberry latent
 Frazier, Norman W., 1953
- F. californica, Cham. & Schlecht.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin,
 1945
- V. strawberry veinbanding
 Frazier, Norman W., 1955
- V. tobacco necrosis
 Frazier, Norman W., 1955
- F. chiloensis, Dcne.
 V. strawberry crinkle
 Harris, R.V. and Mary E. King, 1942
- Miller, P.W., 1951
- Zeller, S.M., 1933
- V. strawberry latent
 Miller, P.W., 1951
- F. chiloensis var. ananassa, Bailey
 V. aster yellows
 Frazier, Norman W. and Harold E. Thomas, 1953
- Fulton, J.P., 1957
- F. chiloensis var. ananassa, Bailey (cont.)
- V. strawberry crinkle
 Beaumont, A. and L.N. Staniland, 1945
- Miller, P.W., 1952
- Prentice, I.W., 1949, 1952
- Vaughan, E.K., 1933
- Zeller, S.M., 1933
- V. strawberry green petal
 Posnette, A.F., 1953
- V. strawberry, isolate I, mild mottle *
 Rorie, Forest Gay, 1957
- V. strawberry, isolate II *
 Rorie, Forest Gay, 1957
- V. strawberry latent
 McGrew, J.R., 1956
- V. strawberry mild mottle *
 McGrew, J.R., 1956
- V. strawberry mild yellow edge
 Prentice, I.W., 1952
- V. strawberry mottle
 Mellor, Frances C. and R.E. Fitzpatrick, 1952
- Prentice, Ian W., 1948, 1952
- Scott, D.H., D.P. Ink, George M. Darrow and
 C.P. Marcus, 1952
- V. strawberry stunt
 Skiles, R.L. and T.H. King, 1952
- Zeller, S.M. and L.E. Weaver, 1941
- V. strawberry, type 2 *
 Braun, Alvin J., 1955
- Fulton, R.H., 1954
- V. strawberry veinbanding
 Frazier, Norman W., 1955
- V. strawberry vein chlorosis
 Prentice, I.W., 1952
- V. strawberry witches' broom
 Mellor, Frances C. and R.E. Fitzpatrick, 1952
- Prentice, Ian W., 1948
- Zeller, S.M., 1927
- V. tobacco necrosis
 Fulton, J.P., 1952
- F. cuneifolia, Nutt. ex Howell
 V. strawberry crinkle
 Zeller, S.M., 1933
- F. ovalis, Rydb.
 V. strawberry crinkle
 Miller, P.W., 1951
- V. strawberry latent
 Miller, P.W., 1951
- F. spp.
 V. rose mosaic
 Fulton, Robert W., 1952
- V. strawberry crinkle
 Harris, R.V. and Mary E. King, 1942
- Massee, A.M., 1942
- V. strawberry leaf burn *
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. strawberry mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- F. vesca, L.
 V. aster yellows
 Fulton, J.P., 1957
- V. beet ring spot *
 Harrison, B.D., 1957
- V. clover witches' broom
 Frazier, Norman W. and A.F. Posnette, 1957
- V. peach X disease
 Slack, Derald A., 1952
- V. raspberry Scottish leaf curl
 Lister, R.M., 1958
- Vaughan, Edward K. and Harold W. Wiedman, 1955
- V. raspberry yellow blotch curl
 Vaughan, Edward K. and Harold W. Wiedman, 1955
- V. raspberry yellow dwarf *
 Harrison, B.D., 1958
- Lister, R.M., 1958
- V. rose mosaic
 Fulton, Robert W., 1952
- V. strawberry crinkle
 Demaree, J.B. and C.P. Marcus, 1951
- Harris, R.V. and Mary E. King, 1942
- Massee, A.M., 1942
- Miller, P.W., 1951, 1952

- F. vesca*, L. (cont.)
V. strawberry crinkle
 Prentice, I.W., 1949, 1952
 Prentice, I.W. and Tamsyn M. Woollcombe, 1951
 Smith, Harlan E., 1952
 Smith, Harlan E. and J. Duain Moore, 1952
V. strawberry green petal
 Frazier, N.W. and A.F. Posnette, 1957
*V. strawberry, isolate I, mild mottle **
 Rorie, Forest Gay, 1957
*V. strawberry, isolate II **
 Rorie, Forest Gay, 1957
V. strawberry latent
 Frazier, Norman W., 1953
 McGrew, J.R., 1956
*V. strawberry mild mottle **
 McGrew, J.R., 1956
V. strawberry mild yellow edge
 Prentice, I.W., 1952
V. strawberry mottle
 Demaree, J.B. and C.P. Marcus, 1951
 Prentice, I.W., 1948, 1952
 Scott, D.H., D.P. Ink, George M. Darrow and
 C.P. Marcus, 1952
 Smith, Harlan E., 1952
 Smith, Harlan E. and J. Duain Moore, 1952
 Stubbs, L.L., 1957
V. strawberry stunt
 Skiles, R.L. and T.H. King, 1952
*V. strawberry, type 2 **
 Braun, Alvin J., 1955
 Demaree, J.B. and C.P. Marcus, 1951
 Fulton, R.H., 1954
 Smith, Harlan E., 1952
 Smith, Harlan E. and J. Duain Moore, 1952
V. strawberry veinbanding
 Frazier, Norman W., 1955
V. strawberry vein chlorosis
 Prentice, I.W., 1952
V. strawberry witches' broom
 Prentice, I.W., 1948
V. tobacco necrosis
 Frazier, Norman W., 1955
 Fulton, J.P., 1952
F. vesca var. *alpina* *
V. apple mosaic
 Yarwood, C.E., 1955
V. strawberry crinkle
 Miller, P.W., 1951
F. vesca var. *americana*, Porter
V. aster yellows
 Frazier, Norman W. and Harold E. Thomas, 1953
F. vesca, subsp. *californica*, (Cham. & Schlechtd.)
V. strawberry mottle Staudt
 Thomas, Harold E., 1949
*V. strawberry, type 2 **
 Thomas, Harold E., 1949
F. virginiana, DC.
V. strawberry leaf roll
 Berkeley, G.H. and A.G. Plakidas, 1942
V. tobacco streak
 Fulton, Robert W., 1948
FRANSERIA Cav. 1793 (Compositae)
F. acanthicarpa, (Hook.) Cov.
V. lucerne dwarf
 Freitag, Julius H., 1951
FRAXINUS Tourn. ex L. 1735 (Oleaceae)
F. berlandieriana, A. DC.
V. ash witches' broom
 Plakidas, A.G., 1949
F. dipetala, Hook. & Arn.
V. lucerne dwarf
 Freitag, Julius H., 1951
F. pennsylvanica, Marsh.
V. tobacco ring spot
 Wilkinson, R.E., 1952
FREESIA Klatt 1865-66 (Iridaceae)
F. spp.
V. bean yellow mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- F. spp.* (cont.)
V. freesia mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- FRITILLARIA** ((Tourn.)) L. 1735 (Liliaceae)
F. pudica, Spreng.
V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- FUCHSIA** ((Plum.)) L. 1735 (Onagraceae)
F. magellanica, Lam.
V. lucerne dwarf
 Freitag, Julius H., 1951
- FUMARIA** Tourn. ex L. 1735 (Papaveraceae)
F. officinalis, L.
*V. anemone mosaic **
 Hollings, M., 1957
- GAILLARDIA** Fouger. 1788 (Compositae)
G. aristata, Pursh
V. aster yellows
 Kunkel, L.O., 1926
V. tomato spotted wilt
 Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
V. vaccinium false blossom
 Kunkel, L.O., 1945
- G. pulchella*, Foug. var. *picta*, Gray
V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- GALINSOGA** Ruiz & Pav. 1794 (Compositae)
G. parviflora, Cav.
V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- GALIUM** L. 1737 (Rubiaceae)
G. aparine, L.
*V. anemone mosaic **
 Hollings, M., 1957
- G. triflorum*, Michx.
V. tobacco mosaic
 Holmes, Francis O., 1938
- GAMOLEPIS** Less. 1832 (Compositae)
G. tagetes, DC.
V. tobacco etch
 Holmes, Francis O., 1946
V. tobacco mosaic
 Holmes, Francis O., 1946
- GASTRIDIUM** Beauv. 1812 (Gramineae)
G. ventricosum, (Gouan) Shinz & Thell.
V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
- GAURA** L. 1751 (Onagraceae)
G. lindheimeri, Engelm. & Gray
V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
- GERANIUM** ((Tourn.)) L. 1735 (Geraniaceae)
G. carolinianum, L.
V. cucumber mosaic
 Wellman, F.L., 1935
V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- G. dissectum*, L.
V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- V. filaree red leaf*
 Frazier, Norman W., 1951
- G. molle*, L.
V. filaree red leaf
 Anderson, Chris W., 1952

- GESNERIA** L. 1737 (Gesneriaceae)
- G. spp.
 V. tobacco mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- GEUM** L. 1735 (Rosaceae)
- G. chiloense, Ball.
 V. anemone mosaic *
 Hollings, M., 1957
- V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
- G. spp.
 V. tobacco streak
 Fulton, Robert W., 1948
- GILIA** Ruiz & Pav. 1794 (Polemoniaceae)
- G. capitata, Dougl.
 V. cucumber mosaic
 Wellman, F.L., 1935
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tobacco necrosis
 Price, W.C., 1940
- V. tobacco ring spot
 Price, W.C., 1940
- V. tobacco ring spot no. 2
 Brierley, Philip, 1954
- G. capitata var. achilleaefolia, (Benth.) Mason *
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
- G. liniflora**, Benth.
- V. cucumber mosaic
 Price, W.C., 1940
- V. lucerne mosaic
 Price, W.C., 1940
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tobacco necrosis
 Price, W.C., 1940
- V. tobacco ring spot
 Price, W.C., 1940
- V. tobacco ring spot no. 2
 Price, W.C., 1940
- GLADIOLUS** ((Tourn.)) L. 1735 (Iridaceae)
- G. gandavensis, Van Houtte
 V. bean yellow mosaic
 McWhorter, Frank P., 1949
- G. hortulanus, Bailey
 V. aster yellows
 Magie, R.O., Floyd F. Smith and Philip Brierley, 1952
- Smith, Floyd F. and Philip Brierley, 1953
- V. bean yellow mosaic
 Berkeley, G.H., 1953
- Bridgmon, G.H., 1951
- Bridgmon, G.H. and J.C. Walker, 1952
- Brierley, Philip, 1952
- Brierley, Philip and Floyd F. Smith, 1948
- Dosdall, Louise, 1928
- V. cucumber mosaic
 Berkeley, G.H., 1951, 1953
- Bridgmon, G.H., 1951
- Brierley, Philip, 1952
- V. gladiolus *
 Snow, Gordon F., 1955
- V. iris bearded mosaic *
 Brierley, Philip and Floyd F. Smith, 1948
- V. iris mosaic
 Brierley, Philip and Floyd F. Smith, 1948
- V. laburnum vein mosaic *
 Brierley, Philip and Floyd F. Smith, 1954
- V. tobacco mosaic
 Berkeley, G.H., 1951
- V. tobacco ring spot
 Berkeley, G.H., 1951, 1953
- Bridgmon, G.H., 1951
- Bridgmon, G.H. and J.C. Walker, 1952
- Brierley, Philip, 1952
- Smith, Floyd F. and Philip Brierley, 1955
- G. spp.
 V. aster yellows
 Smith, Floyd F. and Philip Brierley, 1948
- G. spp. (cont.)
- V. bean yellow mosaic
 Smith, Floyd F. and Philip Brierley, 1944
- V. cucumber mosaic
 Faan, Hwei Chung and James Johnson, 1951
- V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- GLEDITSIA** L. 1742 (Leguminosae)
- G. triacanthos, L.
 V. prunus B *
 Fulton, Robert W., 1957
- GLORIOSA** L. 1735 (Liliaceae)
- G. rothschildiana, O'Brien
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
- GLOXINIA** L'Herit. 1785 (Gesneriaceae)
- G. spp.
 V. tomato black ring
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- GLYCINE** L. 1737 (Leguminosae)
- (SOJA) Moench 1794
 (SOYA) Benth. 1838
- G. max, (L.) Merr.
 V. bean pod mottle
 Zaumeyer, W.J. and H. Rex Thomas, 1948
- V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
- Zaumeyer, W.J. and H. Rex Thomas, 1948
- V. bean yellow mosaic
 Afanasiev, M.M. and H.E. Morris, 1952
- Conover, Robert A., 1948
- Grogan, Raymond G. and J.C. Walker, 1948
- Hagedorn, D.J., 1952
- Hagedorn, D.J. and J.C. Walker, 1949, 1950, 1954
- Pierce, W.H., 1934, 1935
- Thomas, H. Rex and W.J. Zaumeyer, 1953
- Zaumeyer, W.J. and H.H. Fisher, 1953
- V. bean yellow stipule
 Zaumeyer, W.J. and H. Rex Thomas, 1950
- V. broad bean mottle
 Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
- V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1957
- V. cowpea mosaic
 Anderson, C.W., 1955
- Capoor, S.P. and P.M. Varma, 1956
- Dale, W.T., 1949
- V. cucumber mosaic
 Hagedorn, D.J., 1950, 1952
- Hagedorn, D.J. and J.C. Walker, 1954
- V. kaimi clover disease *
 Murakishi, Harry H., 1952
- V. lucerne mosaic
 Berkeley, G.H., 1947
- Kreitlow, K.W. and W.C. Price, 1948, 1949
- Pierce, W.H., 1934
- Snyder, William C. and Saul Rich, 1942
- Thomas, H. Rex, 1951
- Zaumeyer, W.J., 1938, 1953
- V. pea enation mosaic
 Chaudhuri, R.P., 1950
- Hagedorn, D.J., 1952
- Hagedorn, D.J. and J.C. Walker, 1954
- Pierce, W.H., 1935
- Simons, John N., 1954
- Stubbs, M.W., 1936, 1937
- V. pea streak
 Kim, Woon S. and D.J. Hagedorn, 1957
- Zaumeyer, W.J., 1938
- V. pea wilt
 Pierce, W.H., 1935
- V. red clover vein mosaic
 Hagedorn, D.J., 1952
- V. soybean mosaic
 Conover, Robert A., 1948
- Gardner, Max W. and James B. Kendrick, 1921
- Kendrick, James B. and Max W. Gardner, 1924

- G. max*, (L.) Merr. (cont.)
V. soybean mosaic
 Pierce, W.H., 1935
*V. soybean new disease **
 Dunleavy, John, 1957
V. subterranean clover mosaic
 Aitken, Y. and B.J. Grieve, 1943
V. tobacco leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
V. tobacco necrosis
 Price, W.C., 1940
V. tobacco ring spot
 Allington, William B., 1946
 Bridgman, G.H. and J.C. Walker, 1952
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 Cooper, W.E., 1949
 Desjardins, P.R., R.L. Latterell and J.E.
 Mitchell, 1954
 Dunleavy, John M., 1957
 Kahn, Robert P., 1956
 Kahn, Robert P. and Frances M. Latterell, 1955
 LeBeau, F.J., 1947
 Pierce, W.H., 1934
 Starr, Chester K. and W.E. Cooper, 1944
 Stubbs, M.W., 1937
V. tobacco streak
 Fulton, Robert W., 1948
 Thomas, H. Rex and W.J. Zaumeyer, 1950
V. tomato aspermy
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
V. tomato ring spot
 Kahn, Robert P., 1956
 Kahn, Robert P. and Frances M. Latterell, 1955
V. Wisconsin pea streak
 Hagedorn, D.J., 1952
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
- CNAPHALIUM L. 1737 (Compositae)**
- G. chilense*, Spreng.
V. beet curly top
 Severin, Henry H.P., 1934
G. decurrens, Ives., var. *californicum*, Gray *
V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
G. ramosissimum, Nutt.
V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- GODETIA Spach 1835 (Onagraceae)**
- G. amoena*, G. Don
V. cucumber mosaic
 Price, W.C., 1940
V. lucerne mosaic
 Price, W.C., 1940
V. tobacco necrosis
 Price, W.C., 1940
V. tobacco ring spot
 Price, W.C., 1940
V. tobacco ring spot no. 2
 Price, W.C., 1940
V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- G. grandiflora*, Lindl.
V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1934,
 1945
V. lucerne dwarf
 Freitag, Julius H., 1951
V. tomato spotted wilt
 Gardner, M.W., C.M. Tompkins and O.C.
 Whipple, 1935
- GOMPHRENA L. 1737 (Amaranthaceae)**
- G. globosa*, L.
*V. anemone brown ring **
 Hollings, M., 1958
*V. anemone mosaic **
 Hollings, M., 1957
V. apple mosaic
 Yarwood, C.E., 1955
- G. globosa*, L. (cont.)
V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
V. beet yellows
 Roland, G. and J. Tahon, 1961
V. cabbage black ring spot
 Hollings, M., 1957
V. carnation mosaic
 Brierley, Philip and Floyd F. Smith, 1957
 Gasiorkiewicz, E.C., 1954
 Wright, Charles M., 1951
V. carnation mottle
 Brierley, Philip and Floyd F. Smith, 1957
V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1955, 1957
 Kassanis, B., 1955
*V. chrysanthemum latent **
 Hollings, M., 1957
V. cucumber mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
 Doolittle, S.P. and W.J. Zaumeyer, 1953
V. hydrangea ring spot
 Brierley, Philip and Paul Lorentz, 1956, 1957
*V. iris ring spot **
 Travis, R.V., 1957
V. lettuce mosaic
 Couch, Houston B., 1954, 1955
 Wilkinson, R.E. and Ursula Hirsch, 1952
 Richardson, D.E. and T.W. Tinsley, 1951
V. potato leaf roll
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
V. potato X
 Bagnall, R.H., R.H. Larson and J.C. Walker,
 1956
 Hoyman, Wm. G., 1951
 Roberts, Daniel A., 1952
 Thompson, A.D., 1956
 Timian, Roland G., W.J. Hooker and C.E.
 Peterson, 1955
 Wilkinson, R.E. and F.M. Blodgett, 1948
 Wilkinson, R.E. and A. Frank Ross, 1949
*V. prunus A **
 Fulton, Robert W., 1957
*V. prunus G **
 Fulton, Robert W., 1957
V. ranunculus mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
*V. raspberry yellow dwarf **
 Harrison, B.D., 1958
V. sweet potato mosaic
 Elmer, O.H., 1957
V. tobacco etch
 Greenleaf, W.H., 1953
V. tobacco mosaic
 Desjardins, P.R., J.M. Wallace and R.J. Drake,
 1954
V. tobacco necrosis
 Kassanis, B., 1955
V. tobacco ring spot
 Berkeley, G.H., 1953
V. tomato aspermy
 Hollings, M., 1955
V. tomato ring spot
 Brierley, Philip, 1956
 Brierley, Philip and Paul Lorentz, 1956, 1957
V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
V. turnip mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
- G. spp.*
V. tobacco ring spot
 Travis, R.V. and Philip Brierley, 1957
- GOSSYPIUM L. 1735 (Malvaceae)**
- G. arboreum*, L., var. *typicum*, f. *indica* *
*V. cotton small leaf **
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- G. barbadense*, L.
*V. cotton veinal mosaic **
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

- G. *hirsutum*, L.
 V. cotton leaf crumple
 Dickson, R. C., M. McD. Johnson and Edward F. Laird, 1954
 V. cotton leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. cotton Texas *
 Rosberg, David W., 1957
 V. cotton veinal mosaic *
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. delphinium ring spot
 Severin, Henry H.P. and R.C. Dickson, 1942
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. tobacco streak
 Fulton, Robert W., 1948
- G. *klotzianum*, Anderss.
 V. cotton veinal mosaic *
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- G. *peruvianum*, Cav.
 V. cotton leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- G. *peruvianum* x G. *barbadense*, L.
 V. cotton leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- G. *punctatum*, Guill. & Perr.
 V. cotton veinal mosaic *
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- G. spp.
 V. abutilon infectious variegation
 Crandall, Bowen S., 1954
- G. *trilobum*, (DC.) Kearney
 V. cotton veinal mosaic *
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- G. *vittifolium*, Lam.
 V. cotton leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- GYNERIUM** Humb. & Bonpl. 1809 (Gramineae)
 G. *sagittatum*, Beauv.
 V. (sugarcane) mosaic
 Abbott, E.V., 1930
- GYPSOPHILA** L. 1751 (Caryophyllaceae)
 G. *elegans*, Bieb.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. carnation ring spot
 Kassanis, B., 1955
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tobacco necrosis
 Kassanis, B., 1955
- G. *paniculata*, L.
 V. aster yellows
 Kunkel, L.O., 1926
 Severin, Henry H.P. and Julius H. Freitag, 1945
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- HAYNALDIA** Kanitz 1877 (Campanulaceae)
 H. *villosa* *
 V. wheat streak mosaic
 McKinney, H.H. and Hurley Fellows, 1951
- HEDEOMA** Pers. 1807 (Labiatae)
 H. *pulegioides*, (L.) Pers.
 V. tobacco mosaic
 Holmes, Francis O., 1938
- HEDERA** Tourn. ex L. 1737 (Araliaceae)
 H. *helix*, L.
 V. lucerne dwarf
 Freitag, Julius H., 1951
- HEDYSARUM** ((Tourn.)) L. 1735 (Leguminosae)
 H. *coronarium*, L.
 V. lucerne witches' broom
 Klostermeyer, E.C. and J.D. Menzies, 1951
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
 V. tobacco streak
 Fulton, Robert W., 1948
- HELENIUM** L. 1753 (Compositae)
 H. *puberulum*, DC.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- H. spp.
 V. strawberry green petal
 Frazier, Norman W. and A.F. Posnette, 1957
- HELIANTHUS** L. 1735 (Compositae)
 H. *debilis*, Nutt.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. cucumber mosaic
 Jagger, I.C., 1918
- H. *decapetalus*, L., var. *multiflorus*, Hort.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- HELICHRYSUM** Vaill. ex L. 1737 (Compositae)
 H. *arenarium*, DC.
 V. aster yellows
 Kunkel, L.O., 1926
- H. *bracteatum*, Andr.
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1934, 1945
- V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 Severin, Henry H.P. and Julius H. Freitag, 1934
- V. carnation mosaic
 Gasiorkiewicz, E.D., 1954
- V. chrysanthemum latent *
 Hollings, M., 1957
- V. cucumber mosaic
 Govier, D.A., 1957
 Price, W.C., 1940
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tobacco ring spot no. 2
 Brierley, Philip, 1954
- V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- Hollings, M., 1955
- HELIOCARPUS** L. 1740 (Tiliaceae)
 H. *popayanensis*, H. B. & K.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- HELIOPHILA** Burn. f. ex L. 1763 (Cruciferae)
 H. *linearifolia*, Burch. ex DC. Syst.
 V. clover big vein
 Black, L.M., 1945
- HELIOPSIS** Pers. 1807 (Compositae)
 H. *helianthoides*, Sweet, var. *pitcheriana*, Hort.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
- HELIOTROPIUM** ((Tourn.)) L. 1735 (Boraginaceae)
 H. *corymbosum*, Ruiz. & Pav.
 V. cucumber mosaic
 Price, W.C., 1940
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tobacco necrosis
 Price, W.C., 1940

- H. corymbosum*, Ruiz & Pav. (cont.)
V. tobacco ring spot
 Price, W.C., 1940
V. tobacco ring spot no. 2
 Price, W.C., 1940
H. peruvianum, L.
V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
V. clover big vein
 Black, L.M., 1945
V. cucumber mosaic
 Price, W.C., 1940
- HELIPTERUM** DC. 1837 (Compositae)
H. humboldtianum, DC.
V. tobacco etch
 Holmes, Francis O., 1946
V. tobacco mosaic
 Holmes, Francis O., 1946
- H. roseum*, Benth.
V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- HEMIZONIA** DC. 1836 (Compositae)
H. corymbosa, (DC.) Torr. & Gray
V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- HERACLEUM** L. 1735 (Umbelliferae)
H. sphondylium, L.
*V. beet ring spot **
 Harrison, B.D., 1957
- HERRANIA** Goudot 1844 (Sterculiaceae)
H. balaensis, Preuss
V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- H. spp.*
V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- HESPERIS** L. 1735 (Cruciferae)
H. matronalis, L.
V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex
 Thomas, 1937, 1938
V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
V. cucumber mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
 Pound, Glenn S. and J.C. Walker, 1948
V. tobacco ring spot
 Pound, Glenn S., 1949
V. turnip mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
 LeBeau, Francis J. and J.C. Walker, 1945
 Tompkins, C.M., 1938, 1939
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- HIBISCUS** L. 1737 (Malvaceae)
H. abelmoschus, L.
V. hibiscus yellow vein mosaic
 Kapoor, S.P. and P.M. Varma, 1950
*V. hibiscus yellows **
 Hendrix, J. Walter, 1950
- H. arnottianus*, Gray.
*V. hibiscus yellows **
 Hendrix, J. Walter, 1950
- H. cannabinus*, L.
V. abutilon infectious variegation
 Crandall, Bowen S., 1954
V. cotton leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
V. hibiscus yellow vein mosaic
 Kapoor, S.P. and P.M. Varma, 1950
- H. esculentus*, L.
V. beet curly top
 Severin, Henry H.P., 1929
V. cotton leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- H. esculentus*, L. (cont.)
V. cucumber mosaic
 Fulton, Robert W., 1941
V. hibiscus yellow vein mosaic
 Kapoor, S.P. and P.M. Varma, 1950
V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
V. tobacco ring spot
 Fulton, Robert W., 1941
V. Wingard, S.A., 1928
V. tobacco streak
 Fulton, Robert W., 1948
- H. manihot*, L.
V. cucumber mosaic
 Price, W.C., 1940
V. tobacco necrosis
 Price, W.C., 1940
V. tobacco ring spot no. 2
 Price, W.C., 1940
- H. palustris*, L. (moscheutos, L.)
V. hibiscus yellow vein mosaic
 Kapoor, S.P. and P.M. Varma, 1950
- H. rosa-sinensis*, L.
*V. hibiscus ring spot **
 Jensen, D.D., 1949
*V. hibiscus yellows **
 Hendrix, J. Walter, 1950
- H. sabdariffa*, L.
V. cotton leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
V. hibiscus yellow vein mosaic
 Kapoor, S.P. and P.M. Varma, 1950
- H. spp.*
V. tobacco streak
 Fulton, Robert W., 1948
- H. syriacus*, L.
V. tobacco ring spot
 Wilkinson, R.E., 1952
- H. tetrapterylloides*, Roxb.
V. hibiscus yellow vein mosaic
 Kapoor, S.P. and P.M. Varma, 1950
- HIERACIUM** ((Tourn.)) L. 1735 (Compositae)
H. scabrum, Michx.
V. tobacco mosaic
 Holmes, Francis O., 1938
- HILDEGARDIA** Schott & Endl. 1832 (Sterculiaceae)
H. barteri, (Mast.) Kosterm.
V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- HOLCUS** L. 1735 (Gramineae)
H. halepensis, L. (Andropogon halepensis, Brot.)
V. lucerne dwarf
 Freitag, Julius H., 1951
*V. rice and corn leaf-gall **
 Agati, Julian A. and Carlos A. Calica, 1950
V. sugarcane mosaic
 Lawas, Orcencio M. and William L. Fernandez,
 1949
- H. sorghum*, L.
V. cucumber mosaic
 Wellman, F.L., 1934, 1935
V. sugarcane mosaic
 Adsuar, Jose, 1950, 1954
 Brandes, E.W. and Peter J. Klaphaak, 1923
- H. sudanensis*, Bailey
V. lucerne dwarf
 Freitag, Julius H., 1951
- HOLODISCUS** Maxim. 1879 (Rosaceae)
H. discolor, (Pursh) Maxim.
V. holodiscus witches' broom
 Zeller, S.M., 1931
- HORDEUM** ((Tourn.)) L. 1735 (Gramineae)
H. brachyantherum, Nevski
V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
- H. brevisubulatum*, (Trin.) Link
V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957

- H. *bulbosum*, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- H. *gusoneanum*, Parl.
 V. wheat streak mosaic
 McKinney, H.H. and Hurley Fellows, 1951
- H. *hystric*, Roth.
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
- H. *jubatum*, L.
 V. barley stripe mosaic
 Slykhuis, J.T., 1952
- H. *leporinum*, Link
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1953
- V. ryegrass mosaic *
 Bruehl, G.W., H.V. Toko and H.H. McKinney, 1957
- H. *murinum*, L.
 V. lucerne dwarf
 Freitag, Julius H., 1951
- V. wheat streak mosaic
 McKinney, H.H. and Hurley Fellows, 1951
- H. *sativum*, Pers.
 V. soil-borne wheat mosaic
 McKinney, H.H., 1930
- H. spp.
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1952
- V. wheat streak mosaic
 McKinney, H.H. and Hurley Fellows, 1951
- Sill, W.H., Jr. and Patrick C. Agusibio, 1955
- H. *vulgare*, L.
 V. barley stripe mosaic
 Afanasiev, M.M., 1956
- Eslick, R.F. and M.M. Afanasiev, 1955
- Fitzgerald, Paul J., Harland Stevens and R.G. Timian, 1957
- Hagborg, W.A.F., 1954
- McKinney, H.H., 1951, 1953, 1954, 1956
- Sill, W.H., Jr. and E.D. Hansing, 1955
- Sisler, W.W. and R.G. Timian, 1956
- Slykhuis, J.T., 1952
- Timian, R.G. and W.W. Sisler, 1955
- Wadsworth, D.F., 1949
- V. barley yellow dwarf
 Allen, Thomas C., Jr., 1956, 1957
- Allen, Thomas C., Jr. and Byron R. Houston, 1956
- Bruehl, G.W. and H.V. Toko, 1955, 1957
- Oswald, John W. and Byron R. Houston, 1951, 1952, 1953
- Oswald, John W. and T.H. Thung, 1955
- Takeshita, R.M., 1956
- Toko, H.V. and G.W. Bruehl, 1957
- Watson, Marion A. and T. Mulligan, 1957
- V. brome mosaic
 McKinney, H.H., 1944, 1953, 1956
- V. (cereal) California mosaic disease *
 Houston, Byron R. and John W. Oswald, 1952
- V. (cereal) enanismo disease *
 Gibler, John W., 1957
- V. corn new mosaic *
 Finley, A.M., 1954
- V. lucerne dwarf
 Freitag, Julius H., 1951
- V. maize streak
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. oat pseudo-rosette
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. soil-borne wheat mosaic
 McKinney, H.H., 1948
- V. tobacco necrosis
 Fulton, Robert W., 1950
- V. wheat spot mosaic *
 Slykhuis, J.T., 1956
- V. wheat streak mosaic
 Finley, A.M., 1957
- McKinney, H.H., 1949, 1956
- Slykhuis, J.T., 1952, 1954, 1955
- V. wheat striate mosaic
 Slykhuis, J.T., 1953
- Slykhuis, J.T. and Marion A. Watson, 1958
- HOYA R. Br. 1809 (Asclepiadaceae)
- H. *carnosa*, R. Br.
 V. tomato spotted wilt
 Prentice, I.W., 1952
- HUMULUS L. 1735 (Moraceae)
- H. *japonicus*, Sieb. & Zucc.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- H. *lupulus*, L.
 V. hop chlorotic disease
 Salmon, E.S. and W.M. Ware, 1930, 1932, 1935
- V. hop mosaic
 Cheal, W.F., 1929
- Mackenzie, D., E.S. Salmon, W.M. Ware and R. Williams, 1929
- Salmon, E.S. and W.M. Ware, 1928, 1932
- Thrupp, T.C., 1927
- V. hop nettle head
 Blattny, C. and V. Vukolov, 1935
- Keyworth, W.G. and D.L.G. Davies, 1946
- V. hop split leaf blotch
 Keyworth, W.G., 1951
- HYACINTHUS ((Tourn.)) L. 1735 (Liliaceae)
- H. *orientalis*, L.
 V. cucumber mosaic
 Ainsworth, G.C., 1938
- HYDRANGEA Gronov. ex L. 1737 (Saxifragaceae)
- H. *macrophylla*, Ser.
 V. aster yellows
 Brierley, Philip and Floyd F. Smith, 1954
- V. hydrangea *
 Brierley, Philip, 1954
- V. hydrangea die back *
 Brierley, Philip and Floyd F. Smith, 1952
- V. hydrangea ring spot
 Brierley, Philip, 1957
- Brierley, Philip and Paul Lorentz, 1956, 1957
- Brierley, Philip and Floyd F. Smith, 1952
- V. tobacco ring spot no. 2
 Brierley, Philip, 1954
- V. tomato ring spot
 Brierley, Philip and Paul Lorentz, 1956
- Brierley, Philip and Floyd F. Smith, 1953
- H. *paniculata*, Sieb.
 V. lucerne dwarf
 Freitag, Julius H., 1951
- HYOSCYAMUS ((Tourn.)) L. 1735 (Solanaceae)
- H. *albus*, L.
 V. lucerne mosaic
 Price, W.C., 1940
- V. tobacco necrosis
 Price, W.C., 1940
- V. tobacco ring spot
 Price, W.C., 1940
- H. *niger*, L.
 V. *atropo belladonna* mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. cucumber mosaic
 Govier, D.A., 1957
- Hoggan, Isme A., 1927
- Johnson, James, 1927
- V. henbane mosaic
 Hamilton, Marion A., 1932
- Watson (Hamilton), Marion A., 1937
- V. lucerne mosaic
 Price, W.C., 1940
- V. potato X
 Cockerham, George, 1943
- Dennis, R.W.G., 1939
- Hamilton, Marion A., 1932
- Hoggan, Isme A., 1927
- Johnson, James, 1927
- Smith, J. Henderson, 1928
- V. potato Y
 Cockerham, George, 1943
- Hamilton, Marion A., 1932
- Hoggan, Isme A., 1927
- Johnson, James, 1927
- Larson, R.H., 1947

- H. niger*, L. (cont.)
V. potato Y
 Smith, Kenneth M. and R.W.G. Dennis, 1940
 Watson (Hamilton), Marion A., 1937
V. potato yellow dwarf
 Black, L.M., 1937, 1938
V. raspberry Scottish leaf curl
 Cadman, C.H., 1956
V. tobacco etch
 Bawden, F.C. and B. Kassanis, 1941
V. tobacco mosaic
 Allard, H.A., 1916
 Hoggan, Isme A., 1927
 Jarrett, Phyllis H., 1930
 Johnson, James, 1927
 Sheffield, F.M.L., 1931, 1936
V. tobacco necrosis
 Price, W.C., 1940
V. tobacco ring spot
 Price, W.C., 1940
V. tomato aspermy
 Hollings, M., 1955
V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
V. tomato spotted wilt
 Smith, Kenneth M., 1932
- HYPOCHOERIS* L. 1737 (Compositae)
H. radicata, L.
V. tobacco yellow dwarf
 Nelson, G.A.H., 1950
- IBERIS* Dill. ex L. 1735 (Cruciferae)
I. amara, L.
V. cauliflower mosaic
 Tompkins, C.M., 1937
V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
I. gibraltarica, L.
V. tobacco mosaic
 Holmes, Francis O., 1946
I. umbellata, L.
V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
V. tobacco mosaic
 Holmes, Francis O., 1946
- ILYSANTHES* Rafin. 1820 (Scrophulariaceae)
I. dubia, Barnh.
V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- IMPATIENS* Riv. ex L. 1735 (Balsaminaceae)
I. balsamina, L.
V. cucumber mosaic
 Price, W.C., 1940
V. lucerne mosaic
 Price, W.C., 1940
V. tobacco ring spot
 Price, W.C., 1940
V. tobacco ring spot no. 2
 Price, W.C., 1940
V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- I. sultani*, Hook. f. (*I. holstii*, Engler & Warb.)
V. cucumber mosaic
 Adsuar, Jose, 1955
V. lucerne mosaic
 Kreitlow, K.W. and W.C. Price, 1949
 Zaumeyer, W.J., 1953
V. tobacco mosaic
 Holmes, Francis O., 1946
- INCARVILLEA* Juss. 1789 (Bignoniaceae)
I. delavayi, Bur. & Franch.
V. tobacco necrosis
 Price, W.C., 1940
V. tobacco ring spot
 Price, W.C., 1940
- I. variabilis*, Batalin
V. tobacco mosaic
 Holmes, Francis O., 1946
- INDIGOFERA* L. 1737 (Leguminosae)
I. endecaphylla, Jacq.
*V. (legume) little leaf disease **
 Hutton, E.M. and N.E. Grylls, 1956
- I. hirsuta*, L.
V. potato Y
 Anderson, C.W. and M.K. Corbett, 1957
V. prunus G *
 Fulton, Robert W., 1957
V. tobacco etch
 Anderson, C.W. and M.K. Corbett, 1957
- I. retroflexa*, Baill.
*V. (legume) little leaf disease **
 Hutton, E.M. and N.E. Grylls, 1956
- I. rhynchosarpa*, Welw. ex Bak.
V. groundnut rosette
 Evans, A.C., 1954
- I. spp.*
*V. (legume) little leaf disease **
 Hutton, E.M. and N.E. Grylls, 1956
- I. subulata*, Vahl.
*V. (legume) little leaf disease **
 Hutton, E.M. and N.E. Grylls, 1956
- I. tettensis*, Klotzsch
*V. (legume) little leaf disease **
 Hutton, E.M. and N.E. Grylls, 1956
- IODANTHUS* Torr. & Gray 1838 (Cruciferae)
I. pinnatifidus, (Michx.) Steud.
V. beet mosaic
 Pound, Glenn S., 1947
V. tobacco streak
 Fulton, Robert W., 1948
- IPOMOEA* L. 1735 (Convolvulaceae)
I. batata, (L.) Lam.
V. cucumber mosaic
 Wellman, F.L., 1935
*V. sweet potato A **
 Sheffield, F.M.L., 1957
*V. sweet potato B, strains 1, 2, 3, 4, and 5 **
 Sheffield, F.M.L., 1957
V. sweet potato feathery mottle
 Webb, R.E., 1954
 Webb, R.E. and R.H. Larson, 1954
*V. sweet potato foliage spotting disease **
 Holmes, Francis O., 1956
V. sweet potato internal cork
 Aycock, Robert and Morris B. Hughes, 1952
 Feazell, George D., 1953
 Hildebrand, E.M., 1956, 1957
 Hildebrand, E.M. and F.F. Smith, 1956
 Martin, W.J., 1950, 1955
 Nielsen, L.W., 1956
 Nielsen, L.W. and L.H. Person, 1954
 Nusbaum, C.J., 1947, 1950
 Rankin, H.W., 1950
 Williams, A.S., 1954
V. sweet potato mosaic
 Adsuar, Jose, 1955
Borders, H.I. and T.J. Ratcliff, 1954
Elmer, O.H., 1957
Rosen, H.R., 1926
- I. hederacea*, (L.) Jacq.
V. sweet potato internal cork
 Hildebrand, E.M. and H.A. Borthwick, 1956
- I. nil*, (L.) Roth
*V. (ipomoea) mosaic **
 Cook, Melville T., 1931
V. tobacco mosaic
 Holmes, Francis O., 1946
- I. purpurea*, (L.) Lam.
V. cucumber mosaic
 Pound, Glenn S. and J.C. Walker, 1948
 Wellman, F.L., 1935
*V. prunus A **
 Fulton, Robert W., 1957
*V. prunus B **
 Fulton, Robert W., 1957

- I. *purpurea*, (L.) Lam. (cont.)
 V. *prunus* E *
 Fulton, Robert W., 1957
 V. *prunus* G *
 Fulton, Robert W., 1957
 V. sweet potato feathery mottle
 Webb, R.E., 1954
 V. sweet potato internal cork
 Hildebrand, E.M., 1956
 Hildebrand, E.M. and H.A. Borthwick, 1956
 Hildebrand, E.M. and F.F. Smith, 1956
 V. tobacco ring spot
 Wingard, S.A., 1928
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- I. *rubra*, Murr.
 V. sweet potato mosaic
 Adsuar, Jose, 1955
- I. *setosa*, Ker.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. tobacco necrosis
 Price, W.C., 1940
 V. tobacco ring spot no. 2
 Price, W.C., 1940
- I. spp.
 V. tobacco necrosis
 Price, W.C., 1940
- I. *tricolor*, Cav.
 V. sweet potato foliage spotting disease *
 Holmes, Francis O., 1956
 V. tobacco mosaic
 Grant, T.J., 1934
 Holmes, Francis O., 1946
- IRIS** Tourn. ex L. 1735 (Iridaceae)
 I. *aurea*, Lindl.
 V. *iris* spuria mosaic *
 Brierley, Philip and Floyd F. Smith, 1948
- I. *filifolia*, Boiss.
 V. *iris* mosaic
 Brierley, Philip and Frank P. McWhorter, 1936
- I. *germanica*, L.
 V. tobacco ring spot
 Travis, R.V. and Philip Brierley, 1957
- I. *ricardi*, Hort. *
 V. *iris* mosaic
 Brierley, Philip and Frank P. McWhorter, 1936
- I. *spuria*, L.
 V. *iris* spuria mosaic *
 Brierley, Philip and Floyd F. Smith, 1948
- I. *tingitana*, Boiss. & Reut.
 V. *iris* mosaic
 Brierley, Philip and Frank P. McWhorter, 1936
- I. *unguicularis*, Poir., var. *alba*, Hort.
 V. *iris* mosaic
 Brierley, Philip and Frank P. McWhorter, 1936
- I. *xiphioides*, Ehrh.
 V. *iris* mosaic
 Brierley, P. and F.P. McWhorter, 1934
- I. *xiphium*, L.
 V. *iris* mosaic
 Brierley, Philip and Frank P. McWhorter, 1936
- I. *xiphium praecox*, Hort. *
 V. *iris* mosaic
 Brierley, Philip and Frank P. McWhorter, 1936
- ISATIS** Tourn. ex L. 1735 (Cruciferae)
 I. *tinctoria*, L.
 V. cabbage black ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. cauliflower mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- ISCHAEMUM** L. 1742 (Gramineae)
 I. *rogosum*, Salisb.
 V. rice and corn leaf-gall *
 Agati, Julian A. and Carlos A. Calica, 1950
- IXIA** L. 1737 (Iridaceae)
 I. spp.
 V. *ixia* mosaic
 Smith, Floyd F. and Philip Brierley, 1944
- JATROPHA L. 1735 (Euphorbiaceae)
 J. *gossypifolia*, L.
 V. *jatropha* mosaic *
 Bird, Julio, 1957
- J. *multifida*, L.
 V. *jatropha* mosaic *
 Bird, Julio, 1957
- JUGLANS L. 1737 (Juglandaceae)
 J. *cinerea*, L.
 V. walnut brooming disease *
 Hutchins, Lee M. and Horace V. Wester, 1947
- J. *cordiformis*, Maxim., var. *ailantifolia*, (Carr.) Rend.
 V. walnut brooming disease *
 Hutchins, Lee M. and Horace V. Wester, 1947
- J. *nigra*, L.
 V. walnut brooming disease *
 Hutchins, Lee M. and Horace V. Wester, 1947
- KALANCHOE Adans. 1763 (Crassulaceae)
 K. *daigremontiana*, Hamet. & Perrier
 V. potato yellow dwarf
 Hansing, E.D., 1942
- V. tobacco mosaic
 Holmes, Francis O., 1946
- KERRIA DC. 1817 (Rosaceae)
 K. *japonica*, (L.) DC.
 V. peach yellow bud mosaic
 Thomas, H. Earl and T.E. Rawlins, 1939
- KICKXIA Blume 1828 (Apocynaceae)
 K. *spuria*, (L.) Dum.
 V. raspberry yellow dwarf *
 Harrison, B.D., 1958
- KOCHIA Roth 1801 (Chenopodiaceae)
 K. *childsii*, Hort. ex Mollers
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- K. *scoparia*, (L.) Schrad.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. tobacco mosaic
 Holmes, Francis O., 1946
- K. *scoparia* var. *trichophylla*, Bailey
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 Severin, Henry H.P. and Julius H. Freitag, 1934
- V. beet mosaic
 Severin, Henry H.P. and Roger M. Drake, 1948
- V. clover big vein
 Black, L.M., 1945
- KOELERIA Pers. 1805 (Gramineae)
 K. *cristata*, (L.) Pers.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- LABURNUM L. 1735 (Leguminosae)
 L. *alpinum*, J. Presl
 V. laburnum vein mosaic *
 Brierley, Philip and Floyd F. Smith, 1954
- L. *anagyroides*, Med.
 V. laburnum infectious variegation
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- L. *vosii* *
 V. laburnum infectious variegation
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- L. *vulgare*, Bercht. & Presl
 V. laburnum infectious variegation
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- L. *watereri*, Dipp.
 V. laburnum vein mosaic *
 Brierley, Philip and Floyd F. Smith, 1954
- LACTUCA ((Tourn.)) L. 1735 (Compositae)
 L. *altaica*, Fisch. & Mey.
 V. aster yellows
 Tompson, Ross C., 1944
- L. *canadensis*, L.
 V. aster yellows
 Tompson, Ross C., 1944

- L. floridana, (L.) Gaertn.
 V. aster yellows
 Tompson, Ross C., 1944
- L. graminifolia, Michx.
 V. aster yellows
 Tompson, Ross C., 1944
- L. indica, L.
 V. aster yellows
 Tompson, Ross C., 1944
- L. laciniata, Roth
 V. aster yellows
 Tompson, Ross C., 1944
- L. muralis, (L.) Gaertn.
 V. anemone mosaic *
 Hollings, M., 1957
- V. aster yellows
 Tompson, Ross C., 1944
- L. perennis, L.
 V. aster yellows
 Tompson, Ross C., 1944
- L. raddeana, Maxim.
 V. aster yellows
 Tompson, Ross C., 1944
- L. saligna, L.
 V. aster yellows
 Tompson, Ross C., 1944
- L. sativa, L.
 V. aster yellows
 Brierley, Philip and Floyd F. Smith, 1944
 Kunkel, L.O., 1926
 Lee, P.E. and A.G. Robinson, 1958
 Linn, M.B., 1940
 Raymer, W.B. and Clark R. Amen, 1954
 Severin, H.H.P., 1928, 1929
 Severin, Henry H.P. and Julius H. Freitag, 1945
 Smith, Floyd F. and Philip Brierley, 1951
 Tompson, Ross C., 1944
- V. beet curly top
 Giddings, N.J., 1944
- V. cucumber mosaic
 Anderson, C.W., 1955
 Hollings, M., 1955
 Kassanis, B., 1947
 Price, W.C., 1940
 V. cucumber western mosaic *
 Severin, Henry H.P. and Julius H. Freitag, 1948
- V. dandelion yellow mosaic
 Doncaster, J.P. and B. Kassanis, 1946, 1947
- V. lettuce big vein
 Allen, M.W., 1948
 Doolittle, S.P. and Ross C. Tompson, 1945
 Pryor, Dean E., 1946
 Thompson, Ross C., S.P. Doolittle and Floyd F. Smith, 1944
- V. lettuce mosaic
 Ainsworth, G.C. and L. Ogilvie, 1939
 Broadbent, L., T.W. Tinsley, W. Buddin and E.T. Roberts, 1951
 Couch, Houston B., 1954, 1955
 Doncaster, J.P. and B. Kassanis, 1946
 Grogan, R.G., J.E. Welch and Roy Bardin, 1952
 Jagger, Ivan C., 1920-21
 Jones, Leon K., 1944
 Kassanis, B., 1947
 Newhall, A.G., 1923
 Selman, Ireson W., 1945
 Sylvester, Edward S., 1954, 1955
- V. lucerne witches' broom
 Helms, Katie, 1957
- V. prunus A *
 Fulton, Robert W., 1957
- V. prunus B *
 Fulton, Robert W., 1957
- V. tobacco necrosis
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco ring spot
 Grogan, R.G., Roy Bardin and W.C. Schnathorst, 1954
 Grogan, R.G. and W.C. Schnathorst, 1955
- V. tobacco streak
 Fulton, Robert W., 1948
- V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1953, 1955
- L. sativa, L. (cont.)
 V. tomato aspermy
 Hollings, M., 1955
- V. tomato big bud
 Helms, Katie, 1957
- V. tomato spotted wilt
 Gardner, M.W. and O.C. Whipple, 1934
 Milbrath, J.A., 1939
 Sakimura, K., 1940
 Tompkins, C.M. and M.W. Gardner, 1934
- L. sativa var. capitata, L.
 V. lettuce mosaic
 Ainsworth, G.C., 1940
 Ainsworth, G.C. and L. Ogilvie, 1939
- V. tobacco ring spot
 Wingard, S.A., 1928
- V. tomato spotted wilt
 Ainsworth, G.C., 1940
 Snyder, W.C. and H. Rex Thomas, 1936
- V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
- V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
- L. sativa var. longifolia, Lam.
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
- V. tomato spotted wilt
 Snyder, W.C. and H. Rex Thomas, 1936
- L. sativa var. romana, Hort.
 V. lettuce mosaic
 Ainsworth, G.C. and L. Ogilvie, 1939
- L. scariola, L.
 V. cucumber mosaic
 Burnett, G., 1934
- V. lucerne dwarf
 Freitag, Julius H., 1951
- V. tobacco ring spot
 Wingard, S.A., 1928
- V. tomato spotted wilt
 Milbrath, J.A., 1939
- L. scariola var. integrata, Gren. & Godr.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- L. serriola, L.
 V. aster yellows
 Tompson, Ross C., 1944
- V. dandelion yellow mosaic
 Kassanis, B., 1947
- V. lettuce mosaic
 Grogan, R.G., J.E. Welch and Roy Bardin, 1952
 Kassanis, B., 1947
- V. tobacco ring spot
 Grogan, R.G. and W.C. Schnathorst, 1955
- L. spicata, (Lam.) Hitchc.
 V. aster yellows
 Tompson, Ross C., 1944
- L. squarrosa, (Thunb.) Miq.
 V. aster yellows
 Tompson, Ross C., 1944
- L. virosa, Rydb.
 V. aster yellows
 Tompson, Ross C., 1944
- V. dandelion yellow mosaic
 Kassanis, B., 1947
- V. lettuce mosaic
 Kassanis, B., 1947
- V. peach yellow bud mosaic
 Karle, Harry P., 1957
- Laelia* Lindl. 1831 (Orchidaceae)
- L. anceps, Lindl.
 V. orchid (cymbidium) mosaic
 Jensen, D.D. and A.H. Gold, 1955
- V. orchid (laelia anceps) *
 Jensen, D.D. and A.H. Gold, 1952
- Laeliocattleya* X, Rolfe 1887 (Orchidaceae)
- L. lustre plumosa *
 V. orchid (cymbidium) mosaic
 Jensen, D.D. and A.H. Gold, 1955

- L. pasadena *
 V. orchid (cymbidium) mosaic
 Jensen, D.D. and A.H. Gold, 1955
- L. proca *
 V. orchid (cymbidium) mosaic
 Jensen, D.D. and A.H. Gold, 1955
- L. sargen *
 V. orchid (cymbidium) mosaic
 Jensen, D.D. and A.H. Gold, 1955
- L. shoshone *
 V. orchid (cymbidium) mosaic
 Jensen, D.D. and A.H. Gold, 1955
- LAGENARIA Ser. 1825 (Cucurbitaceae)
 L. siceraria (Mol.) Standl. (L. leucantha, Rusby)
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. cucumber green mottle mosaic
 Azad, R.N., 1956
 Vasudeva, R.S. and T.K. Nariani, 1952
 Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
- V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
- V. muskmelon mosaic
 Anderson, C.W., 1954
- V. prunus B *
 Fulton, Robert W., 1957
- V. squash mosaic
 Freitag, Julius H., 1956
- V. tobacco ring spot
 Wingard, S.A., 1928
- V. watermelon mosaic
 Anderson, C.W., 1954
- L. vulgaris, Ser.
 V. cucumber mosaic
 Jagger, I.C., 1918
 Vasudeva, R. Sahai and T.B. Lal, 1943
- V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
- LAMIUM ((Tourn.)) L. 1735 (Labiatae)
 L. amplexicaule, L.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- L. hybridum, Vill.
 V. potato X
 Larson, R.H., 1947
- L. purpureum, L.
 V. potato X
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- LAPSANA L. 1737 (Compositae)
 L. communis, L.
 V. tomato black ring
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- LATHYRUS ((Tourn.)) L. 1735 (Leguminosae)
 L. cicera, L.
 V. lucerne dwarf
 Freitag, Julius H., 1951
- V. pea enation mosaic
 Hagedorn, D.J., 1957
- L. clymenum, L.
 V. lucerne dwarf
 Freitag, Julius H., 1951
- L. hirsutus, L.
 V. bean yellow mosaic
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
- V. pea enation mosaic
 Johnson, Folke and Leon K. Jones, 1937
 McEwen, F.L. and W.T. Schroeder, 1956
- V. pea mosaic
 Hagedorn, D.J., 1948
- V. pea streak
 Hagedorn, D.J., 1948
- V. red clover vein mosaic
 Hagedorn, D.J. and J.C. Walker, 1954
- L. hirsutus, L. (cont.)
 V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
- V. Wisconsin pea stunt
 Hagedorn, D.J. and J.C. Walker, 1949
- L. latifolius, L.
 V. lucerne witches' broom
 Klostermeyer, E.C. and J.D. Menzies, 1951
- V. pea mottle
 Johnson, Folke and Leon K. Jones, 1937
- L. odoratus, L.
 V. anemone brown ring *
 Hollings, M., 1958
- V. bean yellow mosaic
 Ainsworth, G.C., 1940
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
- V. beet curly top
 Zaumeyer, W.J. and B.L. Wade, 1933, 1935
- V. beet curly top
 Giddings, N.J., 1944
- V. broad bean mottle
 Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
- V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1957
- V. cucumber mosaic
 Ainsworth, G.C., 1940
 Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
- V. lettuce mosaic
 Ainsworth, G.C., 1940
 Ainsworth, G.C. and L. Ogilvie, 1939
- V. lucerne mosaic
 Berkeley, G.H., 1947
 Kreitlow, K.W. and W.C. Price, 1949
- Snyder, William C. and Saul Rich, 1942
- Zaumeyer, W.J., 1938
- Zaumeyer, W.J. and B.L. Wade, 1935
- V. pea enation mosaic
 Ainsworth, G.C., 1940
 Chaudhuri, R.P., 1950
 Hagedorn, D.J. and J.C. Walker, 1954
- Johnson, Folke and Leon K. Jones, 1937
- Osborn, H.T., 1938
- Simons, John N., 1954
- Stubbs, M.W., 1936, 1937
- V. pea mosaic
 Ainsworth, G.C., 1940
 Chaudhuri, R.P., 1950
 Doolittle, S.P. and F.R. Jones, 1925
- Hagedorn, D.J. and J.C. Walker, 1954
- Murphy, D.M. and W.H. Pierce, 1937
- Osborn, H.T., 1934, 1935
- Stubbs, M.W., 1936, 1937
- V. pea mottle
 Johnson, Folke, 1942
 Johnson, Folke and Leon K. Jones, 1937
- V. pea wilt
 Johnson, Folke, 1942
- V. pea yellow mosaic *
 Ainsworth, G.C., 1940
- V. red clover mosaic *
 Doolittle, S.P. and F.R. Jones, 1925
- Zaumeyer, W.J. and B.L. Wade, 1935
- V. red clover vein mosaic
 Hagedorn, D.J. and E.W. Hanson, 1951
- Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Osborn, H.T., 1937
- Roberts, D.A., 1957
- V. squash mosaic
 Freitag, Julius H., 1956
- V. subterranean clover mosaic
 Aitken, Y. and B.J. Grieve, 1943
- V. sweet pea mosaic *
 Zaumeyer, W.J. and B.L. Wade, 1935
- V. tobacco necrosis
 Price, W.C., 1940
- V. tobacco ring spot
 Stubbs, M.W., 1937
- V. tomato spotted wilt
 Ainsworth, G.C., 1940
- Snyder, W.C. and H. Rex Thomas, 1936
- V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1949, 1954

- L. pusillus*, Ell.
 V. bean leaf wilt
 Johnson, James, 1942
- L. sativus*, L.
 V. lucerne dwarf
 Freitag, Julius H., 1951
- V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- L. sylvestris*, L.
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- L. tingitanus*, L.
 V. pea enation mosaic
 Hagedorn, D.J., 1957
- LAUNEA** Endl. 1841 (Compositae)
L. asplenifolia, Hook. f.
 V. tobacco leaf curl
 Pruthi, Hem Singh and C.K. Samuel, 1941
- LAVANDULA** Tourn. ex L. 1740 (Labiatae)
L. officinalis, L.
 V. aster yellows
 Kunkel, L.O., 1926
- LAVATERA** L. 1737 (Malvaceae)
L. assurgentiflora, Kell.
 V. malva yellow vein mosaic *
 Costa, A.S. and James E. Duffus, 1957
- L. trimestris*, L.
 V. anemone mosaic *
 Hollings, M., 1957
- V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. cucumber mosaic
 Price, W.C., 1940
- V. lovage mosaic
 Smith, Kenneth M. and Roy Markham, 1944
- V. lucerne mosaic
 Price, W.C., 1940
- V. tobacco necrosis
 Price, W.C., 1940
- V. tobacco ring spot
 Price, W.C., 1940
- LAYIA** Hook. & Arn. 1833 (Compositae)
L. elegans, Torr. & Gray
 V. tomato spotted wilt
 Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
- LENS** ((Tourn.)) L. 1735 (Leguminosae)
L. culinaris, Medik.
 V. pea mottle
 Johnson, F. and L.K. Jones, 1936
- L. esculenta*, Moench
 V. bean yellow mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
- V. lucerne mosaic
 Zaumeyer, W.J., 1938
- V. pea mottle
 Johnson, Folke, 1942
- Johnson, Folke and Leon K. Jones, 1937
- V. pea streak
 Zaumeyer, W.J., 1938
- V. pea wilt
 Johnson, Folke, 1942
- V. red clover mosaic *
 Zaumeyer, W.J. and B.L. Wade, 1935
- LEONURUS** L. 1735 (Labiatae)
L. cardiaca, L.
 V. cucumber mosaic
 Faan, Hwei-Chung and James Johnson, 1951
- LEPIDIUM** L. 1735 (Cruciferae)
L. campestre, (L.) R. Br.
 V. cabbage black ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. cauliflower mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. clover big vein
 Black, L.M., 1945
- L. campestre*, (L.) R. Br.
 V. tobacco mosaic
 Holmes, Francis O., 1938
- V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
- V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
- V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
- L. lasiocarpum*, Nutt. ex Torr. & Gray
 V. beet curly top
 Giddings, N.J., 1944
- L. nitidum*, Nutt. ex Torr. & Gray
 V. beet curly top
 Giddings, N.J., 1938, 1944
- Lackey, C.F., 1937
- Severin, Henry H.P., 1934
- L. ruderale*, L.
 V. tobacco mosaic
 Holmes, Francis O., 1938
- L. sativum*, L.
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
- V. cauliflower mosaic
 Tompkins, C.M., 1937
- Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. turnip mosaic
 Berkeley, G.H. and M. Weintraub, 1952
- Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- L. virginicum*, L.
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
- V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. clover big vein
 Black, L.M., 1945
- V. turnip mosaic
 Dale, W.T., 1948
- Pound, Glenn S., 1948
- Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- LEPTOSYNE** DC. 1836 (Compositae)
L. maritima, (Hook. f.) A. Gray
 V. tobacco mosaic
 Holmes, Francis O., 1946
- LESPEDEZA** Michx. 1803 (Leguminosae)
L. formosa, Koehne
 V. laburnum infectious variegation
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- L. striata*, (Thunb.) Hook. & Arn.
 V. bean common mosaic
 Pierce, W.H., 1934
- V. bean yellow mosaic
 Pierce, W.H., 1934
- V. lucerne mosaic
 Zaumeyer, W.J., 1938
- LIASTRIS** Schreb. 1791 (Compositae)
L. pycnostachya, Michx.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
- L. spicata*, (L.) Willd.
 V. chrysanthemum stunt
 Brierley, Philip, 1950
- Keller, John R., 1953
- LIGUSTICUM** L. 1737 (Umbelliferae)
L. scoticum, L.
 V. lovage mosaic
 Smith, Kenneth M. and Roy Markham, 1944
- LIGUSTRUM** ((Tourn.)) L. 1735 (Oleaceae)
L. obtusifolium, Sieb. & Zucc., var. regelianum
 V. lilac witches' broom
 (Koehne) Rehd.
 Lorentz, Paul and Philip Brierley, 1953
- L. spp.*
 V. cucumber mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

- LILIUM Tourn. ex L. 1737 (Liliaceae)
- L. amabile luteum *
 - V. tulip breaking
 - Brierley, Philip, 1940
 - L. auratum, Lindl.
 - V. cucumber mosaic
 - Brierley, Philip, 1940
 - Guterman, C.E.F., 1928
 - Wellman, F.L., 1935
 - V. tulip breaking
 - Brierley, Philip, 1940
 - L. batemaniae, (Hort.) Wallace
 - V. lily rosette
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - L. brownii, Poit.
 - V. cucumber mosaic
 - Brierley, Philip, 1940
 - L. brownii var. leucanthemum, Hort.
 - V. lily rosette
 - Brierley, Philip and Floyd F. Smith, 1945
 - V. tulip breaking
 - Brierley, Philip, 1940
 - V. tulip breaking
 - Brierley, Philip and Floyd F. Smith, 1944
 - L. canadense, L.
 - V. cucumber mosaic
 - Brierley, Philip, 1940
 - V. tulip breaking
 - Brierley, Philip, 1940
 - L. candidum, L.
 - V. cucumber mosaic
 - Brierley, Philip, 1940
 - V. tulip breaking
 - Brierley, Philip, 1940
 - V. tulip breaking
 - Brierley, Philip and Floyd F. Smith, 1944
 - L. cernuum, Kom.
 - V. tulip breaking
 - Brierley, Philip, 1940
 - L. chalcedonicum, L.
 - V. tulip breaking
 - Brierley, Philip, 1940
 - L. croceum, Chaix
 - V. cucumber mosaic
 - Brierley, Philip, 1940
 - V. tulip breaking
 - Brierley, Philip, 1940
 - L. dauricum, Ker-Gawl.
 - V. lily rosette
 - Brierley, Philip and Floyd F. Smith, 1945
 - V. tulip breaking
 - Brierley, Philip and Floyd F. Smith, 1944
 - L. dauricum var. luteum, Hort.
 - V. tulip breaking
 - Brierley, Philip, 1940
 - L. davidi, Duch.
 - V. lily rosette
 - Brierley, Philip and Floyd F. Smith, 1945
 - L. davidi var. willmottiae, Cotton & Grove *
 - V. lily rosette
 - Brierley, Philip and Floyd F. Smith, 1945
 - V. tulip breaking
 - Brierley, Philip and Floyd F. Smith, 1945
 - V. tulip breaking
 - Brierley, Philip and Floyd F. Smith, 1944
 - L. davmottiae *
 - V. tulip breaking
 - Brierley, Philip, 1940
 - L. elegans, Thunb.
 - V. lily rosette
 - Brierley, Philip and Floyd F. Smith, 1945
 - V. tulip breaking
 - Brierley, Philip, 1940
 - Brierley, Philip and Floyd F. Smith, 1944
 - L. formosanum, (Baker) Wallace or Stapf. *
 - V. cucumber mosaic
 - Brierley, Philip, 1939
 - Brierley, Philip and S.P. Doolittle, 1940
 - Brierley, Philip and Floyd F. Smith, 1944
 - V. lily rosette
 - Brierley, Philip and Floyd F. Smith, 1945
 - V. lily symptomless
 - Brierley, Philip, 1940
 - V. tulip breaking
 - Brierley, Philip, 1939, 1940
 - Brierley, Philip and S.P. Doolittle, 1940
 - Brierley, Philip and Floyd F. Smith, 1944
 - L. giganteum, Wall.
 - V. tulip breaking
 - Brierley, Philip, 1940
 - L. harrisi (L. longiflorum var. eximium, Nichols), Carr.
 - V. cucumber mosaic
 - Ainsworth, G.C., 1938
 - Ogilvie, L. and C.E.F. Guterman, 1929
 - V. lily rosette
 - Ogilvie, Lawrence, 1928
 - L. henryi, Baker
 - V. lily rosette
 - Brierley, Philip and Floyd F. Smith, 1945
 - V. tulip breaking
 - Brierley, Philip, 1940
 - L. henryi x L. myriophyllum, Hort., var. superbum
 - V. lily color adding *
 - (Baker) *
 - McWhorter, Frank P., 1956
 - V. lily color removing *
 - McWhorter, Frank P., 1956
 - L. longiflorum, Thunb.
 - V. celery mosaic
 - Price, W.C., 1937
 - V. cucumber mosaic
 - Brierley, Philip, 1939
 - Brierley, Philip and S.P. Doolittle, 1940
 - McWhorter, F.P. and H.H. Millsap, 1954
 - Porter, Clark A., 1954
 - Price, W.C., 1937
 - Smith, Floyd F. and Philip Brierley, 1948
 - Wellman, F.L., 1935
 - V. (cucumber) O.S.C. isolate 606 *
 - Porter, Clark A. and Frank P. McWhorter, 1951
 - V. lily rosette
 - Brierley, Philip and Floyd F. Smith, 1944, 1945, 1954
 - Smith, Floyd F. and Philip Brierley, 1948
 - V. lily symptomless
 - Brierley, Philip, 1940
 - Brierley, Philip and S.P. Doolittle, 1940
 - Brierley, Philip and Floyd F. Smith, 1944
 - Porter, Clark A., 1954
 - V. tobacco ring spot
 - Travis, R.V. and Philip Brierley, 1957
 - V. tomato aspermy
 - Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 - V. tulip breaking
 - Brierley, Philip, 1939
 - Brierley, Philip and S.P. Doolittle, 1940
 - Brierley, Philip and Floyd F. Smith, 1944
 - Smith, Floyd F. and Philip Brierley, 1948
 - L. longiflorum var. formosum, Hort.
 - V. cucumber mosaic
 - Ainsworth, G.C., 1938
 - L. longiflorum var. takesima, Duchartie
 - V. lily rosette
 - Ogilvie, Lawrence, 1928
 - L. monadelphum, Marsh & Bieb.
 - V. cucumber mosaic
 - Brierley, Philip, 1940
 - L. myriophyllum, Hort., var. superbum, (Baker)
 - V. lily rosette
 - Wilson *
 - Brierley, Philip and Floyd F. Smith, 1945
 - V. tulip breaking
 - Brierley, Philip, 1940
 - L. princeps, E.H. Wilson
 - V. tulip breaking
 - Brierley, Philip, 1940
 - L. pumilum, DC.
 - V. tulip breaking
 - Brierley, Philip, 1940
 - L. regale, Wilson
 - V. cucumber mosaic
 - Brierley, Philip, 1940
 - V. lily ring spot
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. lily rosette
 - Brierley, Philip and Floyd F. Smith, 1945
 - V. tulip breaking
 - Brierley, Philip, 1940
 - L. sargentiae, Wilson
 - V. cucumber mosaic
 - Brierley, Philip, 1940

- L. sargentiae*, Wilson
 V. lily rosette
 Brierley, Philip and Floyd F. Smith, 1945
 V. tulip breaking
 Brierley, Philip, 1940
L. speciosum, Thunb.
 V. cucumber mosaic
 Brierley, Philip, 1940
 Brierley, Philip and S.P. Doolittle, 1940
 V. lily rosette
 Brierley, Philip and Floyd F. Smith, 1945
 V. tulip breaking
 Brierley, Philip, 1940
L. speciosum var. *rubrum*, Hort.
 V. cucumber mosaic
 McWhorter, F.P. and H.H. Millsap, 1954
L. spp.
 V. cucumber mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
L. superbum, L.
 V. cucumber mosaic
 Brierley, Philip, 1940
 V. tulip breaking
 Brierley, Philip, 1940
 Brierley, Philip and Floyd F. Smith, 1944
L. testaceum, Lindl.
 V. tulip breaking
 Brierley, Philip, 1940
L. tigrinum, Ker-Gawl.
 V. cucumber mosaic
 Brierley, Philip, 1940
 Brierley, Philip and Floyd F. Smith, 1944
 V. lily ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tulip breaking
 Brierley, Philip, 1940
 Brierley, Philip and Floyd F. Smith, 1944
L. umbellatum, Hort.
 V. cucumber mosaic
 Brierley, Philip, 1940
 V. lily rosette
 Brierley, Philip and Floyd F. Smith, 1945
 V. tulip breaking
 Brierley, Philip, 1940
 Brierley, Philip and Floyd F. Smith, 1944
L. wallacei, Wallace
 V. cucumber mosaic
 Brierley, Philip, 1940
 V. tulip breaking
 Brierley, Philip, 1940
LIMONIUM Tourn. ex Mill. 1752 (Plumbaginaceae)
L. bonduelli, (Lest.) Kuntze
 V. tobacco mosaic
 Holmes, Francis O., 1946
L. sinuatum, (L.) Mill.
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. lucerne mosaic
 Price, W.C., 1940
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tobacco necrosis
 Price, W.C., 1940
LINARIA Tourn. ex Mill. 1752 (Scrophulariaceae)
L. bipartita, Willd.
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
L. canadensis, (L.) Dumort.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
L. cymbalaria, (L.) Mill.
 V. tobacco mosaic
 Grant, T.J., 1934
L. macedonica, Griseb.
 V. lucerne mosaic
 Price, W.C., 1940
 V. tobacco necrosis
 Price, W.C., 1940
L. macedonica, Griseb. (cont.)
 V. tobacco ring spot
 Price, W.C., 1940
 V. tobacco ring spot no. 2
 Price, W.C., 1940
L. maroccana, Hook. f.
 V. clover big vein
 Black, L.M., 1945
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
L. vulgaris, Mill.
 V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
LINUM Tourn. ex L. 1735 (Linaceae)
L. flavum, L.
 V. beet curly top
 Giddings, N.J., 1947, 1948
L. grandiflorum, Desf.
 V. clover big vein
 Black, L.M., 1945
L. grandiflorum var. *rubrum*, Hort. *
 V. beet curly top
 Giddings, N.J., 1947, 1948
L. lewisii, Pursh
 V. beet curly top
 Bennett, C.W. and A.S. Costa, 1949
 Giddings, N.J., 1947, 1948
L. perenne, L.
 V. beet curly top
 Giddings, N.J., 1947, 1948
L. usitatissimum, L.
 V. aster yellows
 Severin, Henry H.P. and Byron R. Houston, 1945
 V. beet curly top
 Atkins, I.M., M.C. Futrell and O.G. Merkle, 1957
 Bennett, C.W. and A.S. Costa, 1949
 Giddings, N.J., 1948
 Severin, Henry H.P., 1929
 Severin, Henry H.P. and Byron R. Houston, 1945
LOBELIA Plum. ex L. 1737 (Lobeliaceae)
L. cardinalis, L.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
L. erinus, L.
 V. clover big vein
 Black, L.M., 1945
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tomato aspermy
 Hollings, M., 1955
L. erinus var. *speciosa* *
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
L. gracilis, Andr.
 V. cucumber mosaic
 Jagger, I.C., 1918
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
L. inflata, L.
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
L. spp.
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
L. tenuior, R. Br.
 V. cucumber mosaic
 Price, W.C., 1940
 V. lucerne mosaic
 Price, W.C., 1940
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tobacco necrosis
 Price, W.C., 1940

- L. *tenuior*, R. Br. (cont.)
 V. tobacco ring spot
 Price, W.C., 1940
- LOBULARIA** Desv. 1814 (Cruciferae)
L. maritima, (L.) Desv.
 V. cucumber mosaic
 Pound, Glenn S. and J.C. Walker, 1948
 Price, W.C., 1940
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tobacco ring spot
 Price, W.C., 1940
- V. tobacco ring spot no. 2
 Hildebrand, E.M., 1942
- V. tobacco ring spot no. 2
 Price, W.C., 1940
- V. turnip mosaic
 Pound, Glenn S., 1948
- LOLIUM** L. 1735 (Gramineae)
L. multiflorum, Lam.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1953
- V. lucerne dwarf
 Freitag, Julius H., 1951
- V. ryegrass mosaic *
 Bruehl, G.W., H.V. Toko and H.H. McKinney, 1957
- V. wheat striate mosaic
 Slykhuis, John T. and Marion A. Watson, 1958
- L. perenne*, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 Watson, Marion A. and T. Mulligan, 1957
- V. ryegrass mosaic *
 Bruehl, G.W., H.V. Toko and H.H. McKinney, 1957
- V. wheat striate mosaic
 Slykhuis, John T. and Marion A. Watson, 1958
- L. remotum*, Schrank
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- V. ryegrass mosaic *
 Bruehl, G.W., H.V. Toko and H.H. McKinney, 1957
- L. subulatum*, Vis.
 V. maize streak
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- L. temulentum*, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- V. lucerne dwarf
 Freitag, Julius H., 1951
- V. ryegrass mosaic *
 Bruehl, G.W., H.V. Toko and H.H. McKinney, 1957
- LONICERA** L. 1737 (Caprifoliaceae)
L. brachypoda var. *foliis aureo-reticulatis*, Hort. *
 V. (honeysuckle) mottle *
 Corp, V.H., 1949
- L. japonica*, Thunb.
 V. (honeysuckle) mottle *
 Corp, V.H., 1949
- V. lucerne dwarf
 Freitag, Julius H., 1951
- LOTONONIS** Eckl. & Zeyh. 1836 (Leguminosae)
L. bainesii, R.T. Bak.
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- LOTUS** ((Tourn.)) L. 1735 (Leguminosae)
L. americanus, (Nutt.) Bisch.
 V. beet curly top
 Severin, Henry H.P., 1934
- L. corniculatus*, L.
 V. lucerne witches' broom
 Klostermeyer, E.C. and J.D. Menzies, 1951
- L. salsuginosus*, Greene
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- L. *strigosus*, Greene
 V. beet curly top
 Severin, Henry H.P., 1934
- LUFFA** ((Tourn.)) L. 1735 (Cucurbitaceae)
L. acutangula, Roxb.
 V. cucumber green mottle mosaic
 Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
- V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
- V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
- L. aegyptiaca*, Mill. (*L. cylindrica*, Roem.)
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
- V. muskmelon mosaic
 Anderson, C.W., 1954
- V. tobacco ring spot
 Wingard, S.A., 1928
- V. watermelon mosaic
 Anderson, C.W., 1954
- L. spp.
 V. cucumber mosaic
 Jagger, I.C., 1918
- LUNARIA** Tourn. ex L. 1735 (Cruciferae)
L. annua, L.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1937, 1938
- V. cauliflower mosaic
 Tompkins, C.M., 1937
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
- V. turnip mosaic
 Tompkins, C.M., 1938, 1939
- Tompkins, C.M. and H. Rex Thomas, 1938
- V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
- V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
- LUPINUS** ((Tourn.)) L. 1735 (Leguminosae)
L. albus, L.
 V. alsike clover mosaic
 Zaumeyer, W.J., 1940
- V. bean yellow mosaic
 Pierce, W.H., 1934
- V. lucerne mosaic
 Zaumeyer, W.J., 1940
- V. pea enation mosaic
 Thomas, H. Rex, 1951
- V. pea mottle
 Zaumeyer, W.J., 1938, 1953
- V. pea mosaic
 Hagedorn, D.J., 1957
- V. pea mottle
 Hagedorn, D.J. and J.C. Walker, 1954
- Murphy, D.M. and W.H. Pierce, 1937
- Pierce, W.H., 1937
- Stubbs, M.W., 1936, 1937
- V. pea mottle
 Johnson, Folke, 1942
- V. pea wilt
 Johnson, Folke, 1942
- V. tobacco ring spot
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
- LeBeau, F.J., 1947
- Pierce, W.H., 1934
- Stubbs, M.W., 1937
- V. tobacco streak
 Thomas, H. Rex and W.J. Zaumeyer, 1950
- V. tomato spotted wilt
 Gardner, M.W. and O.C. Whipple, 1934
- L. angustifolius*, L.
 V. alsike clover mosaic
 Zaumeyer, W.J., 1940
- V. bean yellow mosaic
 Hagedorn, D.J. and J.C. Walker, 1950, 1954

- L. angustifolius*, L. (cont.)
 V. bean yellow mosaic
 Zaumeyer, W.J., 1940
 V. cucumber mosaic
 Whipple, O.C. and J.C. Walker, 1941
 V. lupine disease *
 Weimer, J.L., 1950
 V. pea enation mosaic
 Hagedorn, D.J., 1957
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. red clover vein mosaic
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 V. subterranean clover mosaic
 Aitken, Y. and B.J. Grieve, 1943
 V. tobacco streak
 Thomas, H. Rex and W.J. Zaumeyer, 1950
 V. tomato spotted wilt
 Smith, Kenneth M., 1932
- L. densiflorus*, Benth.
 V. bean yellow mosaic
 Hungerford, C.W. and Irvin G. Hillyer, 1954
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- L. hartwegii*, Lindl.
 V. cucumber mosaic
 Whipple, O.C. and J.C. Walker, 1941
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- L. hirsutus*, L.
 V. pea mottle
 Johnson, Folke, 1942
 V. subterranean clover mosaic
 Aitken, Y. and B.J. Grieve, 1943
- L. leucophyllum*, Dougl. ex Lindl.
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- L. luteus*, L.
 V. lucerne mosaic
 Zaumeyer, W.J., 1938
 V. pea mosaic
 Steveninck, R.F.M. Van, 1957
 V. subterranean clover mosaic
 Aitken, Y. and B.J. Grieve, 1943
- L. nanus*, Dougl.
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- L. varius*, L.
 V. subterranean clover mosaic
 Aitken, Y. and B.J. Grieve, 1943
- LYCHNIS ((Tourn.)) L.** 1735 (Caryophyllaceae)
L. alba, Mill.
 V. carnation ring spot
 Kassanis, B., 1955
 V. clover big vein
 Black, L.M., 1945
 V. cucumber mosaic
 Faan, Hwei-Chung and James Johnson, 1951
 Price, W.C., 1940
 V. tobacco necrosis
 Kassanis, B., 1955
 V. tobacco ring spot
 Price, W.C., 1940
 V. tobacco streak
 Fulton, Robert W., 1948
- L. chalcedonica*, L.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. cucumber mosaic
 Price, W.C., 1940
 V. tobacco ring spot
 Price, W.C., 1940
 V. tobacco ring spot no. 2
 Hildebrand, E.M., 1942
 Price, W.C., 1940
- L. coeli-rosa*, (L.) Desr.
 V. tobacco mosaic
 Holmes, Francis O., 1946
- L. coronaria*, (L.) Desr.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- L. haageana, Lem.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- L. viscaria*, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
- LYCIUM** L. 1735 (Solanaceae)
L. barbarum, L.
 V. potato A
 MacLachlan, D.S. and R.H. Larson, 1953
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 V. potato X
 Dennis, R.W.G., 1939
 V. potato Y
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
 Smith, Kenneth M. and R.W.G. Dennis, 1940
- L. chinense*, Mill.
 V. potato Y
 Ross, A. Frank, 1948
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- L. ferocissimum*, Miers
 V. tobacco mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tomato spotted wilt*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- L. halimifolium*, Mill.
 V. cabbage black ring spot
 Hamlyn, Brenda M.G., 1953
 V. potato A
 MacLachlan, D.S. and R.H. Larson, 1953
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 V. potato Y
 Hutton, E.M. and J.W. Peak, 1952
 Larson, R.H. and J.F. Darby, 1951
 Ross, A. Frank, 1948
 V. tobacco streak
 Fulton, Robert W., 1948
 V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- L. rhombifolium*, Dipp.
 V. potato A
 MacLachlan, D.S. and R.H. Larson, 1953
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 V. potato Y
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
 Hutton, E.M. and J.W. Peak, 1952
 Larson, R.H. and J.F. Darby, 1951
- LYCOPERSICON** Tourn. ex Rupp. 1745 (Solanaceae)
 (LYCOPERSICUM) Hill 1765
L. chilense, Dun.
 V. tobacco mosaic
 Holmes, Francis O., 1943, 1946
- L. esculentum*, Mill. (*Solanum lycopersicum*, L.)
 V. anemone brown ring *
 Hollings, M., 1958
 V. apple mosaic
 Yarwood, C.E., 1955
 Yarwood, C.E. and H.E. Thomas, 1954
 V. asclepias yellows *
 Kunkel, L.O., 1950
 V. aster ring spot
 Anderson, C.W., 1954
 V. aster yellows
 Kunkel, L.O., 1930
 Raymer, W.B., 1956
 V. bean yellow mosaic
 Osborn, H.T., 1938
 V. beet curly top
 Adsuar, Jose, 1955
 Bennett, C.W., 1944, 1951
 Bennett, C.W. and A.S. Costa, 1949
 Bennett, C.W. and Aziz Tanrisever, 1957

- L. esculentum, Mill. (cont.)
- V. beet curly top
 Carsner, Eubanks and C.F. Stahl, 1924
 Costa, A.S., 1952
 Fulton, Robert W., 1955
 Giddings, N.J., 1938, 1944, 1952, 1954
 Giddings, N.J., C.W. Bennett and A.L. Harrison, 1951
 Lackey, C.F., 1929
 Lesley, J.W., 1931
 Lesley, J.W. and J.M. Wallace, 1938
 McKay, M.B. and T.P. Dykstra, 1927
 Menzies, J.D. and N.J. Giddings, 1952, 1953
 Severin, Henry H.P., 1928
 Shapovalov, M., 1927, 1931
 Virgin, Walter J., 1940
 Wallace, J.M. and J.W. Lesley, 1944
 Watson, R.D. and J.E. Kraus, 1949
- V. beet ring spot *
 Harrison, B.D., 1957
- V. carnation mosaic
 Wright, Charles M., 1951
- V. celery mosaic
 Doolittle, S.P., 1931
 Doolittle, S.P. and F.L. Wellman, 1934
- V. chilli veinbanding
 Simons, John N., 1956
- V. clover witches' broom *
 Frazier, N.W. and A.F. Posnette, 1957
- V. cucumber green mottle mosaic
 Ainsworth, G.C., 1935
- V. cucumber mosaic
 Ainsworth, G.C., 1940
 Anderson, C.W., 1951, 1955
 Berkeley, G.H., 1951, 1953
 Bhargava, K.S., 1951
 Bridgmon, G.H. and J.C. Walker, 1952
 Burnett, G., 1934
 Doolittle, S.P. and L.J. Alexander, 1936, 1951
 Doolittle, S.P. and W.J. Zaumeyer, 1953
 Fulton, Joseph P., 1950
 Fulton, Robert W., 1941
 Govier, D.A., 1957
 Harrison, B.D., 1958
 Harter, L.L., 1938
 Heuberger, J.W. and J.B.S. Norton, 1933
 Hoggan, Isme A., 1927, 1935
 Hollings, M., 1955
 Johnson, E.M., 1930
 Johnson, J., 1926, 1927
 Johnson, James and Edith M. Hein, 1948
 Larsh, Howard W. and J.R. Shay, 1945
 Magee, C.J.P., 1940
 Mogendorff, N., 1930
 Nariani, T.K. and Nirmaljit Singh, 1952
 Nienow, Inez, 1948
 Pound, Glenn S. and J.C. Walker, 1948
 Price, W.C., 1934
 Selman, Ireson W., 1941
 Severin, Henry H.P., 1950
 Simons, John N., 1955
 Storey, I.F., 1939
 Valleau, W.D., 1932
 Valleau, W.D. and E.M. Johnson, 1930
 Wellman, F.L., 1934, 1935
 Whipple, O.C. and J.C. Walker, 1941
- V. cucumber western mosaic *
 Severin, Henry H.P., 1950
 Severin, Henry H.P. and Julius H. Freitag, 1948
- V. datura distortion mosaic
 Capoor, S.P. and P.M. Varma, 1952
- V. datura rugose leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. dodder latent mosaic
 Bennett, C.W., 1944, 1949
- V. eggplant mosaic
 Dale, W.T., 1954
 Ferguson, I.A.C., 1951
- V. henbane mosaic
 Hamilton, Marion A., 1932
- V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- L. esculentum, Mill. (cont.)
- V. lucerne mosaic
 Berkeley, G.H., 1947
 Johnson, E.M., 1946
 Milbrath, J.A. and F.P. McWhorter, 1953
 Porter, D.R., 1935
 Severin, Henry H.P., 1942, 1950
- V. lucerne witches' broom
 Helms, Katie, 1957
 Kunkel, L.O., 1952
- V. lovage mosaic
 Smith, Kenneth M. and Roy Markham, 1944
- V. nicotiana glutinosa mosaic *
 Walker, M.N., 1925
- V. peach X disease
 Hildebrand, E.M., 1953
 Kunkel, L.O., 1944
- V. petunia mosaic
 Johnson, J., 1926, 1927
- V. (physalis) mosaic *
 Melhus, I.E., 1922
 Walker, M.N., 1926
- V. potato A
 Doolittle, S.P., 1928
 Jarrett, Phyllis H., 1930
 Krantz, F.A. and G.R. Bisby, 1921
 Quanjer, H.M., 1920
 Schultz, E.S. and Donald Folsom, 1923
 Smith, J. Henderson, 1928
 Stover, W.G., 1928
- V. potato aucuba mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. potato bunch top disease *
 Menzies, J.D., 1950
- V. potato leaf roll
 Burnett, Grover and Leon K. Jones, 1931
 Dykstra, T.P., 1930, 1933
 MacCarthy, H.R., 1954
 Natti, John J., 1953
 Stover, W.G., 1928
- V. potato M *
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- V. potato necrotic *
 Schultz, E.S. and W.P. Raleigh, 1933
- V. potato paracrinkle
 Dykstra, T.P., 1939
- V. potato rosette
 Hutton, E.M. and C.E.W. Oldaker, 1949
- V. potato spindle tuber
 Stover, W.G., 1928
- V. potato stunt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. potato witches' broom
 Young, P.A. and H.E. Morris, 1928
- V. potato X
 Ainsworth, G.C., 1933, 1934
 Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 Bawden, F.C. and F.M.L. Sheffield, 1944
 Burnett, Grover and Leon K. Jones, 1931
 Cockherham, George, 1943
 Dennis, R.W.G., 1939
 Dykstra, T.P., 1933, 1935
 Fernow, Karl Hermann, 1925
 Folsom, Donald and Reiner Bonde, 1937
 Fulton, Robert W., 1941
 Goss, R.W., 1931
 Hamilton, Marion A., 1932
 Hoggan, Isme A., 1927
 Johnson, E.M., 1930
 Johnson, James, 1925, 1927
 Jones, Leon K. and Grover Burnett, 1935
 MacNeill, Blaiz H., 1955
 Matthews, R.E.F., 1949
 Samson, R.W., 1930
 Smith, Kenneth M., 1929
 Valleau, W.D. and E.M. Johnson, 1930
 Vasudeva, R. Sahai and T.B. Lal, 1944
- V. potato Y
 Alvarez-Garcia, L.A. and Jose Adsuar, 1943

- L. esculentum*, Mill. (cont.)
- V. potato Y
 Bawden, F.C. and B. Kassanis, 1951
 Bawden, F.C. and F.M.L. Sheffield, 1944
 Burnett, Grover and Leon K. Jones, 1931
 Cockerham, George, 1943
 Conover, Robert A. and Robert W. Fulton, 1953
 Dykstra, T.P., 1933, 1939
 Hoggan, Isme A., 1927
 Johnson, E.M., 1930
 Johnson, James, 1927
 Jones, Leon K. and C.L. Vincent, 1937
 Koch, K.L., 1933
 MacNeill, Blair H., 1955
 Roque, Arturo and Jose Adsuar, 1941
 Sakimura, K., 1953
 Samson, R.W., 1930
 Schultz, E.S. and Donald Folsom, 1923
 Simons, J.N., Robert A. Conover and James M. Walter, 1956
 Smith, Kenneth M. and R.W.G. Dennis, 1940
- V. potato yellow dwarf
 Black, L.M., 1937
 Hougas, R.W., 1951
- V. raspberry yellow dwarf *
 Harrison, B.D., 1958
- V. red current ring spot
 Klessner, P.J., 1951
- V. sweet potato mosaic
 Elmer, O.H., 1957
- V. tobacco bergerac ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
- V. tobacco etch
 Anderson, C.W., 1954
 Bawden, F.C. and B. Kassanis, 1941
 Bennett, C.W., 1944
 Doolittle, S.P. and L.J. Alexander, 1951
 Fulton, Robert W., 1941
 Holmes, Francis O., 1942, 1946
 Johnson, E.M., 1930
 MacNeill, Blair H., 1955
 Valleau, W.D. and E.M. Johnson, 1930
- V. tobacco green mosaic
 McKinney, H.H., 1929
- V. tobacco leaf curl
 Bird, Julio, 1957
 Nariani, T.K., 1956
 Pal, B.P. and R.K. Tandon, 1937
 Pruthi, Hem Singh and C.K. Samuel, 1941
 Vasudeva, R.S. and J. Sam Raj, 1948
- V. tobacco leaf roll disease *
 Goenaga, Alvaro, 1945
- V. tobacco mosaic
 Abbott, E.V., 1929, 1931
 Ainsworth, G.C., 1933, 1937
 Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 Ainsworth, G.C. and I.W. Selman, 1936
 Allard, H.A., 1916
 Berkeley, G.H., 1927, 1951
 Berkeley, G.H. and G.O. Madden, 1932, 1933
 Boyle, John S., 1956
 Boyle, John S. and David C. Wharton, 1956, 1957
 Brierley, W.B., 1916
 Burnett, Grover and Leon K. Jones, 1931
 Caldwell, John, 1932
 Cochran, G.W., 1946
 Conover, Robert A. and Robert W. Fulton, 1953
 Costa, A.S., 1944
 Cox, C.E. and L.O. Weaver, 1950
 Dale, W.T., 1954
 Das, C.R. and S.P. Raychaudhuri, 1953
 Desai, S.V., 1933
 Desjardins, P.R., J.M. Wallace and R.J. Drake, 1954
 Doering, G.R., W.C. Price and S.B. Fenne, 1957
 Doolittle, S.P., 1928
 Doolittle, S.P. and L.J. Alexander, 1936, 1951
 Doolittle, S.P. and F.S. Beecher, 1942
 Doolittle, S.P. and W.S. Porte, 1949
 Eckerson, Sophia H. and H.R. Kraybill, 1927
 Fernow, Karl Hermann, 1925
- L. esculentum, Mill. (cont.)
- V. tobacco mosaic
 Fulton, Robert W., 1941
 Gardner, Max W., 1925
 Gardner, Max W. and James B. Kendrick, 1922
 Heuberger, J.W. and J.B.S. Norton, 1933
 Hoggan, Isme A., 1927
 Holmes, Francis O., 1941, 1943, 1946, 1950
 Jarrett, Phyllis H., 1930
 Jensen, J.H., 1933, 1936
 Johnson, E.M., 1930
 Johnson, J., 1926, 1927
 Jones, Leon K., 1940
 Jones, Leon K. and Grover Burnett, 1935
 Kunkel, L.O., 1932
 MacNeill, Blair H., 1955
 McKinney, H.H., 1929, 1952
 McRitchie, John J., 1957
 McRitchie, John J. and Leonard J. Alexander, 1957
 Mogendorff, N., 1930
 Norval, I.P., 1938
 Perez, J. Enrique, J. Adsuar and Orlando Sala, 1956
 Peterson, Paul D. and H.H. McKinney, 1938
 Price, W.C. and S.B. Fenne, 1951
 Quanjer, H.M., 1920
 Raychaudhuri, S.P., 1952
 Schultz, E.S. and Donald Folsom, 1923
 Selman, Ireson W., 1941, 1943
 Severin, Henry H.P., 1950
 Sheffield, F.M.L., 1931, 1936
 Smith, J. Henderson, 1928, 1933
 Smith, Kenneth M., 1935
 Stover, W.G., 1928
 Stover, W.G. and M.T. Vermillion, 1933
 Valleau, W.D. and E.M. Johnson, 1930, 1943
 Vanterpool, T.C., 1926
 Verwoerd, Len, 1929
 Walker, M.N., 1926
 Watson, R.D., E.C. Heinrich and W.R. Harvey, 1954
 Woods, M.W. and Richard V. Eck, 1948
- V. tobacco mottle
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco necrosis
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco ring spot
 Henderson, R.G. and S.A. Wingard, 1931
 Steere, Russell L., 1956
- V. tobacco ring spot no. 2
 Brierley, Philip, 1954
 Hildebrand, E.M., 1942
 Price, W.C., 1936
 Thomas, H. Rex and W.J. Zaumeyer, 1950
- V. tobacco streak
 Fulton, Robert W., 1948
- V. tobacco vein distorting
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco yellow dwarf
 Hill, A.V., 1950
 Hill, A.V. and M. Mandryk, 1954
- V. tomato aspermy
 Blencowe, J.W. and John Caldwell, 1949
 Brierley, Philip and Floyd F. Smith, 1953
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1953, 1955
 Hollings, M., 1955
- V. tomato big bud
 Alvarez-Garcia, L.A. and Jose Adsuar, 1950
 Dana, B.F., 1940
 Helms, Katie, 1957
 Hill, A.V. and M. Mandryk, 1954
 Hutton, E.M. and D.C. Work, 1947
 Menzies, J.D., 1950
 Norris, D.O., 1954
 Samuel, G., J.G. Bald and C.M. Eardley, 1933
 Vasudeva, R. Sahai and T.B. Lal, 1944
- V. tomato black ring
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tomato bushy stunt
 Johnson, Folke, 1941
 Smith, Kenneth M., 1935
 Steere, Russell L., 1953

- L. esculentum, Mill. (cont.)
 V. tomato ring spot
 Imle, E.P. and R.W. Samson, 1937
 Samson, R.W. and E.P. Imle, 1942
 Varney, E.H. and J. Duain Moore, 1952
 V. tomato shoestring *
 Doering, G.R., W.C. Price and S.B. Fenne, 1957
 V. tomato spotted wilt
 Ainsworth, G.C., 1933, 1940
 Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 Bennett, C.W., 1944
 Berkeley, G.H., 1935
 Best, Rupert J. and Geoffrey Samuel, 1936
 Black, L.M., M.K. Brakke and A.E. Vatter, 1952
 Doolittle, S.P. and C.B. Sumner, 1931, 1934
 Ferguson, I.A.C., 1951
 Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 Gardner, M.W. and O.C. Whipple, 1934
 Holmes, Francis O., 1948
 Hutton, E.M. and A.R. Peak, 1949, 1953
 Jones, Leon K., 1944
 MacNeill, Blair H., 1955
 McWhorter, F.P., 1935
 McWhorter, F.P. and J.A. Milbrath, 1935
 Milbrath, J.A., 1939
 Norris, D.O., 1951
 Parris, G.K., 1940
 Sakimura, K., 1940
 Shapovalov, M., 1934
 Sherf, A.F., 1948
 Smith, Kenneth M., 1931, 1932, 1935
 Smith, Paul G., 1944
 Smith, Paul G. and M.W. Gardner, 1948, 1951
 Snyder, W.C. and H. Rex Thomas, 1936
 Tompkins, C.M. and M.W. Gardner, 1934
 Whipple, O.C., 1936
 Yu, T.F., 1947
 V. tomato twisted leaf
 Ferguson, I.A.C., 1951
 V. tomato V-52-1
 Miller, Patrick M., 1953
 V. tomato yellow net
 Sylvester, Edward S., 1954
 V. tomato yellow top
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
 V. vaccinium false blossom
 Costa, A.S., 1944
 Kunkel, L.O., 1943, 1945
 L. esculentum var. cerasiforme, (Dun.) A. Gray
 V. chilli veinbanding
 Simons, John N., 1956
 V. tobacco mosaic
 Gardner, Max W. and James B. Kendrick, 1922
 L. esculentum var. grandifolium, Bailey
 V. cucumber mosaic
 Mogendorff, N., 1930
 L. esculentum var. Sioux x L. hirsutum, H. B. & K.
 V. tobacco mosaic
 Watson, R.D. and E.C. Heinrich, 1951
 L. esculentum f. pyriforme, (Dun.) C.H. Mull.
 V. potato X
 Dennis, R.W.G., 1939
 L. esculentum x L. chilense, Dun.
 V. tobacco mosaic
 Holmes, Francis O., 1943
 L. esculentum x L. hirsutum, H. B. & K.
 V. tobacco mosaic
 Watson, R.D., E.C. Heinrich and W.R. Harvey, 1954
 L. esculentum x L. pimpinellifolium, (Jusl.) Mill.
 V. tomato twisted leaf
 Ferguson, I.A.C., 1951
 L. glandulosum, C.H. Mull.
 V. tobacco mosaic
 Doolittle, S.P. and F.S. Beecher, 1942
 L. hirsutum, H. B. & K.
 V. beet curly top
 Giddings, N.J., C.W. Bennett and A.L. Harrison, 1951
 L. hirsutum, H. B. & K. (cont.)
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Doolittle, S.P. and F.S. Beecher, 1942
 Doolittle, S.P., W.S. Porte and F.S. Beecher, 1946
 Holmes, Francis O., 1946
 Porte, W.S., S.P. Doolittle and F.L. Wellman, 1939
 Watson, R.D., E.C. Heinrich and W.R. Harvey, 1954
 V. tomato big bud
 Hutton, E.M. and D.C. Work, 1947
 V. tomato spotted wilt
 Smith, Paul G., 1944
 L. hirsutum f. glabratum, C.H. Mull. *
 V. tobacco mosaic
 Doolittle, S.P. and F.S. Beecher, 1942
 L. hirsutum x L. esculentum, Mill.
 V. tobacco mosaic
 Doolittle, S.P. and W.S. Porte, 1949
 L. hybrids
 V. tomato spotted wilt
 Hutton, E.M. and A.R. Peak, 1949
 L. lycopersicon, (L.) Karst. *
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 L. peruvianum, (L.) Mill.
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Doolittle, S.P. and F.S. Beecher, 1942
 Holmes, Francis O., 1946
 Nagaich, B.B. and H.H. Thornberry, 1957
 V. tomato big bud
 Hutton, E.M. and D.C. Work, 1947
 V. tomato spotted wilt
 Hutton, E.M. and A.R. Peak, 1949, 1953
 L. peruvianum subsp. dentatum, (Dun.) Luckwill.
 V. tobacco mosaic
 Doolittle, S.P. and F.S. Beecher, 1942
 L. pimpinellifolium, (Jusl.) Mill.
 V. beet curly top
 Costa, A.S., 1952
 Lesley, J.W. and J.M. Wallace, 1938
 V. eggplant mosaic
 Dale, W.T., 1954
 Ferguson, I.A.C., 1951
 V. potato A
 MacLachlan, D.S. and R.H. Larson, 1953
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 V. potato leaf roll
 MacCarthy, H.R., 1954
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Doolittle, S.P. and F.S. Beecher, 1942
 Gardner, Max W. and James B. Kendrick, 1922
 Holmes, Francis O., 1946
 V. tomato big bud
 Hutton, E.M. and D.C. Work, 1947
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
 V. tomato spotted wilt
 Hutton, E.M. and A.R. Peak, 1949, 1953
 Sakimura, K., 1940
 Smith, Paul G., 1944
 Smith, Paul G. and M.W. Gardner, 1948, 1951
 V. tomato yellow net
 Sylvester, Edward S., 1954
 V. turnip mosaic
 Hoggan, I.A. and J. Johnson, 1935
 L. pimpinellifolium No. 381-1 x No. 548
 V. beet curly top
 Lesley, J.W. and J.M. Wallace, 1938
 L. pimpinellifolium No. 503 x F.P.I. 79532
 V. beet curly top
 Lesley, J.W. and J.M. Wallace, 1938
 L. pimpinellifolium No. 573 x No. 548
 V. beet curly top
 Lesley, J.W. and J.M. Wallace, 1938

- L. *pimpinellifolium*, (Jusl.) Mill. No. 573 x F.P.I. 79532
 V. *beet curly top* L3sley, J.W. and J.M. Wallace, 1938
- L. *pimpinellifolium* x *L. esculentum*, Mill.
 V. *tomato spotted wilt* Smith, Paul G. and M.W. Gardner, 1948
- L. *racemigerum*, Lange
 V. *potato X* Dennis, R.W.G., 1939
 V. *potato Y* Smith, Kenneth M. and R.W.G. Dennis, 1940
- L. spp. (South America)
 V. *tomato big bud* Dana, B.F., 1940
- LYCOPSIS** L. 1735 (Boraginaceae)
- L. *arvensis*, L.
 V. *beet ring spot* * Harrison, B.D., 1957
- LYCOPUS** Tourn. ex L. 1735 (Labiatae)
- L. *rubellus*, Moench
 V. *tobacco mosaic* Holmes, Francis O., 1938, 1946
- L. *virginicus*, L.
 V. *tobacco mosaic* Holmes, Francis O., 1938
- LYTHRUM** L. 1735 (Lythraceae)
- L. *salicaria*, L.
 V. *cucumber mosaic* Price, W.C., 1940
- MADIA** Molina 1782 (Compositae)
- M. *sativa*, Mol.
 V. *aster yellows* Frazier, Norman W. and Henry H.P. Severin, 1945
- MAJORANA** ((Tourn.)) Rupp. 1745 (Labiatae)
- M. *hortensis*, Moench
 V. *lucerne dwarf* Freitag, Julius H., 1951
- MALCOMIA** ((R. Br. in) Ait. Hort. Kew. 1812 (**MALCOLMIA**) Spreng. 1818 (Cruciferae))
- M. *maritima*, R. Br.
 V. *anemone mosaic* * Hollings, M., 1957
 V. *aster yellows* (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. *beet curly top* Giddings, N.J., 1944
 V. *cabbage black ring spot* Hollings, M., 1957
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1937, 1938
 V. *radish mosaic* Tompkins, C.M., 1939
 V. *turnip mosaic* Pound, Glenn S., 1948
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- MALUS** Tourn. ex L. 1737 (Rosaceae)
- M. *baccata*, (L.) Borkh.
 V. *apple mosaic* Hockey, J.F., 1943
- M. *coronaria*, (L.) Mill.
 V. *apple dwarf fruit* Cation, Donald and Roy E. Gibson, 1952
- M. *spectabilis*, (Ait.) Borkh.
 V. *apple mosaic* Thomas, H. Earl and L.M. Massey, 1939
- M. spp.
 V. *apple false sting* (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. *apple mosaic* (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. *apple ring spot* (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- M. spp. (cont.)
 V. *apple rosette* (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. *apple rough skin* (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. *apple rubbery wood* (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. *apple witches' broom* (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- M. *sylvestris*, Mill.
 V. *apple ** Hilborn, M.T. and Reiner Bonde, 1956
 Millikan, D.F. and H.W. Guengerich, 1958
- V. *apple dwarf fruit* Cation, Donald and Roy E. Gibson, 1952
- V. *apple false sting* Hockey, J.F., 1941, 1943
- V. *apple green mottle* Palmeter, D.H. and K.G. Parker, 1955
- V. *apple mosaic* Blodgett, F.M., 1938
 Fulton, Robert W., 1956
 Gilmer, R.M., 1956
 Hockey, J.F., 1943
 Hunter, J.A., E.E. Chamberlain and J.D. Atkinson, 1958
 Kirkpatrick, Hugh C., 1955
 Posnette, A.F. and R. Cropley, 1956
 Posnette, A.F. and Christina E. Ellenberger, 1957
 Yarwood, C.E., 1955, 1957
 Yarwood, C.E. and H.E. Thomas, 1954
- V. *peach ring spot* Cochran, L.C., 1950
- M. *sylvestris* on *M. angustifolia*, (Ait.) Michx.
 V. *apple stem pitting* * Guengerich, H.W. and D.F. Millikan, 1956
- MALVA** ((Tourn.)) L. 1735 (Malvaceae)
- M. *nicaeensis*, All.
 V. *aster yellows* Frazier, Norman W. and Henry H.P. Severin, 1945
- M. *parviflora*, L.
 V. *aster yellows* Frazier, Norman W. and Henry H.P. Severin, 1945
 V. *beet curly top* Bennett, C.W. and Aziz Tanrisever, 1957
 Carsner, E., 1919
 Severin, Henry H.P., 1929, 1934
- V. *datura rugose leaf curl* Grylls, N.E., 1955
- V. *(legume) little leaf disease* * Hutton, E.M. and N.E. Grylls, 1956
- V. *malva yellow vein mosaic* * Costa, A.S. and James E. Duffus, 1957
- V. *tobacco yellow dwarf* Nelson, G.A.H., 1950
- M. *rotundifolia*, L.
 V. *aster yellows* Frazier, Norman W. and Henry H.P. Severin, 1945
- V. *beet curly top* Severin, Henry H.P., 1929, 1934
- V. *malva yellow vein mosaic* * Costa, A.S. and James E. Duffus, 1957
- V. *tobacco streak* Fulton, Robert W., 1948
- V. *tomato spotted wilt* Milbrath, J.A., 1939
- M. spp.
 V. *hollyhock mosaic* (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- M. *sylvestris*, L.
 V. *malva yellow vein mosaic* * Costa, A.S. and James E. Duffus, 1957
- MALVASTRUM** A. Gray 1849 (Malvaceae)
- M. *coronandelianum*, Garcke
- V. *abutilon infectious variegation* Crandall, Bowen S., 1954

- 'MANIHOT Tourn. ex Adans. 1763 (Euphorbiaceae)
M. esculenta, Crantz (*M. utilissima*, Pohl)
 V. cassava brown streak
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 V. cassava mosaic
 Chant, S.R., 1958
 McKinney, H.H., 1928
 Storey, H.H. and R.F.W. Nichols, 1938
M. palmata, Muell. Arg.
 V. cassava mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
M. spp.
 V. (cassava) green mosaic *
 McKinney, H.H., 1929
- MARANTA Plum. ex L. 1737 (Marantaceae)
M. arundinaceae, L.
 V. cucumber mosaic
 Celino, M.S. and Aureo L. Martinez, 1956
- MARRUBIUM Tourn. ex L. 1735 (Labiatae)
M. vulgare, L.
 V. cucumber mosaic
 Burnett, G., 1934
 V. tobacco mosaic
 Holmes, Francis O., 1946
- MARTYNIA Houst. ex L. 1735 (Martyniaceae)
M. annua, L.
 V. tomato spotted wilt
 Gardner, M.W. and O.C. Whipple, 1934
M. louisiana, Mill.
 V. aster yellows
 Kunkel, L.O., 1926
 V. cucurbit mosaic *
 Doolittle, S.P., 1921
 Doolittle, S.P. and M.N. Walker, 1925
 V. tobacco mosaic
 Fernald, Karl Hermann, 1925
 Grant, T.J., 1934
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- MATRICARIA ((Tourn.)) L. 1735 (Compositae)
M. alba, Hort. ex Vilmorin's Blumeng.
 V. aster yellows
 Kunkel, L.O., 1926
M. inodora, L.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
M. matricarioides, (Less.) Porter
 V. raspberry Scottish leaf curl
 Harrison, B.D., 1958
M. suaveolens, (Pursh) Buch.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin,
 1945
- MATTHIOLA R. Br. 1812 (Cruciferae)
M. bicornis, (Sibth. & Sm.) DC.
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex
 Thomas, 1938
 V. clover big vein
 Black, L.M., 1945
 V. radish mosaic
 Tompkins, C.M., 1939
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. turnip mosaic
 Tompkins, C.M., 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- M. incana*, (L.) R. Br. (cont.)
 V. cucumber mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
 V. radish mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. stock mosaic
 Tompkins, C.M., 1934
 V. turnip mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
 Berkeley, G.H. and M. Weintraub, 1952
M. incana var. *annua*, (L.) Voss
 V. anemone mosaic *
 Hollings, M., 1957
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 Severin, Henry H.P. and Julius H. Freitag, 1934
 V. cabbage black ring spot
 Hamlyn, Brenda M.G., 1953
 Hollings, M., 1957
 Tompkins, C.M., M.W. Gardner and H. Rex
 Thomas, 1937, 1938
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
 V. cauliflower mosaic
 Severin, Henry H.P. and C.M. Tompkins, 1948
 Tompkins, C.M., 1937
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
 V. cucumber mosaic
 Pound, Glenn S. and J.C. Walker, 1948
 V. turnip mosaic
 LeBeau, Francis J. and J.C. Walker, 1945
 Pound, Glenn S., 1948
 Severin, Henry H.P. and C.M. Tompkins, 1950
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- MEDICAGO Tourn. ex L. 1737 (Leguminosae)
M. arabica, (L.) All.
 V. bean yellow mosaic
 Elliott, J.A., 1921
 V. lucerne mosaic
 Kreitlow, K.W. and W.C. Price, 1949
 V. pea enation mosaic
 Simons, John N., 1954
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. red clover mosaic *
 Elliott, J.A., 1921
 V. subterranean clover mosaic
 Aitken, Y. and B.J. Grieve, 1943
M. denticulata, Willd.
 V. tobacco yellow dwarf
 Helson, G.A.H., 1950
 Hill, A.V., 1950
M. falcata, L.
 V. lucerne dwarf
 Houston, Byron R. and Ernest H. Stanford, 1954
 V. lucerne witches' broom
 Klostermeyer, E.C. and J.D. Menzies, 1951
M. glutinosa, Bieb.
 V. lucerne dwarf
 Houston, Byron R. and Ernest H. Stanford, 1954
M. hispida, Gaertn.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin,
 1945
 V. beet curly top
 Carsner, E., 1919
 Giddings, N.J., 1944
 Severin, Henry H.P., 1934
 Severin, Henry H.P. and Charles F. Henderson,
 1928
 V. lucerne dwarf
 Freitag, Julius H., 1951
 V. lucerne mosaic
 Kreitlow, K.W. and W.C. Price, 1949
 V. lucerne witches' broom
 Klostermeyer, E.C. and J.D. Menzies, 1951
 Menzies, J.D., 1944, 1946
 V. pea enation mosaic
 Simons, John N., 1954

- M. hispida*, Gaertn. (cont.)
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- M. hispida* var. *denticulata**
 V. subterranean clover mosaic
 Aitken, Y. and B.J. Grieve, 1943
- M. lupulina*, L.
 V. bean yellow mosaic
 Hungerford, C.W. and Irvin G. Hillyer, 1954
- V. *datura* rugose leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. lucerne witches' broom
 Klostermeyer, E.C. and J.D. Menzies, 1951
 Menzies, J.D., 1944, 1946
- V. pea mottle
 Johnson, Folke, 1942
 Johnson, Folke and Leon K. Jones, 1937
- V. pea wilt
 Johnson, Folke, 1942
- V. potato yellow dwarf
 Hansing, E.D., 1942
- V. red clover mosaic*
 Dickson, B.T., 1922
- V. red clover vein mosaic
 Graves, Clinton H., Jr. and D.J. Hagedorn, 1956
- V. subterranean clover mosaic
 Aitken, Y. and B.J. Grieve, 1943
- M. obscura*, Retz.
 V. lucerne mosaic
 Kreitlow, K.W. and W.C. Price, 1949
- M. orbicularis*, All.
 V. bean yellow mosaic
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
- V. lucerne mosaic
 Kreitlow, K.W. and W.C. Price, 1949
- V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
- M. ruthenica*, Trautv.
 V. lucerne witches' broom
 Klostermeyer, E.C. and J.D. Menzies, 1951
- M. sativa*, L.
 V. alsike clover mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Zaumeyer, W.J., 1940
- V. bean yellow mosaic
 McWhorter, Frank P., 1949
 Zaumeyer, W.J., 1940
- V. beet curly top
 Severin, Henry H.P. and Charles F. Henderson, 1928
- V. broad bean mottle
 Yu, T.F., 1939
- V. *datura* rugose leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. (legume) little leaf disease*
 Hutton, E.M. and N.E. Grylls, 1956
- V. lucerne dwarf
 Frazier, Norman W. and J.H. Freitag, 1946
- Freitag, J.H., 1951
- Freitag, J.H. and Norman W. Frazier, 1954
- Freitag, J.H., N.W. Frazier and R.A. Flock, 1952
- Hewitt, Wm.B., Byron R. Houston, Norman W. Frazier and J.H. Freitag, 1946
- Houston, Byron R., Katherine Esau and Wm.B. Hewitt, 1946
- Houston, Byron R., N.W. Frazier and Wm.B. Hewitt, 1942
- Houston, Byron R. and Ernest H. Stanford, 1954
- Severin, Henry H.P., 1949
- Stoner, Warren N., 1953
- Weimer, J.L., 1936
- V. lucerne mosaic
 Diachun, Stephen and Lawrence Henson, 1957
- Henson, Lawrence and Stephen Diachun, 1957
- Houston, Byron R. and John W. Oswald, 1951, 1953
- Johnson, E.M., 1946
- McWhorter, Frank P., 1949
- Oswald, John W., 1950
- Pierce, W.H., 1934, 1937
- Snyder, William C. and Saul Rich, 1942
- Swenson, K.G., 1952
- Thomas, H. Rex, 1951
- M. sativa*, L. (cont.)
 V. lucerne mosaic
 Weimer, J.L., 1931, 1934
- Zaumeyer, W.J., 1938, 1953
- Zaumeyer, W.J. and B.L. Wade, 1935
- V. lucerne witches' broom
 Helms, Katie, 1957
- Kunkel, L.O., 1952
- Menzies, J.D., 1944, 1946
- Menzies, J.D. and F.D. Heald, 1942
- V. pea enation mosaic
 Johnson, Folke and Leon K. Jones, 1937
- McEwen, F.L. and W.T. Schroeder, 1956
- V. pea leaf roll
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. pea mosaic
 Johnson, F. and L.K. Jones, 1936
- V. pea mottle
 Johnson, Folke, 1942
- Johnson, F. and L.K. Jones, 1936, 1937
- V. pea streak
 Zaumeyer, W.J., 1938
- V. tobacco ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco yellow dwarf
 Nelson, G.A.H., 1950
- V. tomato big bud
 Helms, Katie, 1957
- M. tribuloides*, Desr.
 V. subterranean clover mosaic
 Aitken, Y. and B.J. Grieve, 1943
- MELILLOTUS Tourn. ex Hall. 1742 (Leguminosae)
- M. alba*, Desr.
 V. alsike clover mosaic
 Zaumeyer, W.J., 1940
- V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- V. bean common mosaic
 Harrison, Arthur L., 1935
- V. bean Montana*
 Afanasiev, M.M. and H.E. Morris, 1946
- V. bean yellow mosaic
 Afanasiev, M.M. and H.E. Morris, 1952
- Conover, Robert A., 1948
- Diachun, Stephen and Lawrence Henson, 1956
- Elliott, J.A., 1921
- Grogan, Raymond G. and J.C. Walker, 1948
- Hagedorn, D.J. and J.C. Walker, 1950, 1954
- Hanson, E.W. and D.J. Hagedorn, 1954, 1956
- Hungerford, C.W. and Irvin G. Hillyer, 1954
- McWhorter, Frank P., 1949
- Pierce, W.H., 1934, 1937
- Thomas, H. Rex and W.J. Zaumeyer, 1953
- Zaumeyer, W.J., 1940, 1952
- Zaumeyer, W.J. and H.H. Fisher, 1953
- Zaumeyer, W.J. and B.L. Wade, 1935
- V. beet curly top
 Severin, Henry H.P. and Charles F. Henderson, 1928
- V. broad bean mottle
 Yu, T.F., 1939
- V. clover big vein
 Black, L.M., 1945, 1951
- V. cucumber mosaic
 Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
- V. lucerne dwarf
 Freitag, J.H., 1951
- V. lucerne mosaic
 Hanson, E.W. and D.J. Hagedorn, 1954, 1956
- Kreitlow, K.W. and W.C. Price, 1949
- Pierce, W.H., 1934, 1937
- Thomas, H. Rex, 1951
- Zaumeyer, W.J., 1938, 1953
- Zaumeyer, W.J. and B.L. Wade, 1935
- V. lucerne witches' broom
 Klostermeyer, E.C. and J.D. Menzies, 1951
- V. pea enation mosaic
 McEwen, F.L. and W.T. Schroeder, 1956
- V. pea mosaic
 Hagedorn, D.J., 1948
- Murphy, D.M. and W.H. Pierce, 1937
- Osborn, H.T., 1937

- M. alba, Desr. (cont.)
- V. pea mosaic
 - Pierce, W.H., 1937
 - Zaumeyer, W.J. and B.L. Wade, 1935
 - V. pea mottle
 - Johnson, Folke, 1942
 - Johnson, F. and L.K. Jones, 1936
 - V. pea streak
 - Hagedorn, D.J., 1948
 - Zaumeyer, W.J., 1938
 - V. pea wilt
 - Johnson, Folke, 1942
 - V. prunus A *
 - Fulton, Robert W., 1957
 - V. prunus B *
 - Fulton, Robert W., 1957
 - V. prunus G *
 - Fulton, Robert W., 1957
 - V. red clover mosaic *
 - Elliott, J.A., 1921
 - V. red clover vein mosaic
 - Graves, Clinton H., Jr. and D.J. Hagedorn, 1956
 - Hagedorn, D.J. and E.W. Hanson, 1951
 - Hagedorn, D.J. and J.C. Walker, 1949, 1954
 - Hanson, E.W. and D.J. Hagedorn, 1954, 1956
 - Osborn, H.T., 1937
 - V. soybean new disease *
 - Dunleavy, John, 1957
 - V. subterranean clover mosaic
 - Aitken, Y. and B.J. Grieve, 1943
 - V. tobacco ring spot
 - Fenne, S.B., 1931
 - Henderson, R.G., 1934
 - Pierce, W.H., 1934
 - Pound, Glenn S., 1949
 - Rich, Saul, 1940
 - Stubbs, M.W., 1937
 - V. tobacco streak
 - Fulton, Robert W., 1948
 - Thomas, H. Rex and W.J. Zaumeyer, 1950
 - V. Wisconsin pea streak
 - Hagedorn, D.J. and J.C. Walker, 1949, 1954
 - M. alba var. annua, Coe
 - V. lucerne dwarf
 - Freitag, J.H., 1951
 - V. pea mosaic
 - Murphy, D.M. and W.H. Pierce, 1937
 - M. altissima, Thuill.
 - V. clover big vein
 - Black, L.M., 1951
 - M. dentata, (Waldst. & Kit.) Pers.
 - V. clover big vein
 - Black, L.M., 1951
 - M. indica, (L.) All.
 - V. bean yellow mosaic
 - Hagedorn, D.J. and E.W. Hanson, 1953
 - V. beet curly top
 - Giddings, N.J., 1944
 - Severin, Henry H.P. and Charles F. Henderson, 1928
 - V. beet mosaic
 - Bennett, C.W., 1949
 - V. beet yellows
 - Roland, G. and J. Tahon, 1961
 - V. clover big vein
 - Black, L.M., 1951
 - V. lucerne dwarf
 - Freitag, J.H., 1951
 - V. lucerne mosaic
 - Hagedorn, D.J. and E.W. Hanson, 1953
 - Kreitlow, K.W. and W.C. Price, 1949
 - Snyder, William C. and Saul Rich, 1942
 - V. pea mosaic
 - Murphy, D.M. and W.H. Pierce, 1937
 - V. prunus B *
 - Fulton, Robert W., 1957
 - V. red clover vein mosaic
 - Hagedorn, D.J. and E.W. Hanson, 1953
 - V. subterranean clover mosaic
 - Aitken, Y. and B.J. Grieve, 1943
 - V. tobacco ring spot
 - LeBeau, F.J., 1947
 - Pound, Glenn S., 1949
- M. indica, (L.) All. (cont.)
- V. tobacco streak
 - Diachun, Stephen and W.D. Valleau, 1950
 - M. officinalis, (L.) Lam.
 - V. bean Montana *
 - Afanasiev, M.M. and H.E. Morris, 1946
 - V. bean yellow mosaic
 - Afanasiev, M.M. and H.E. Morris, 1952
 - Baggett, James R., 1957
 - Conover, Robert A., 1948
 - Grogan, Raymond G. and J.C. Walker, 1948
 - Hagedorn, D.J. and E.W. Hanson, 1957
 - Hagedorn, D.J. and J.C. Walker, 1950, 1954
 - Pierce, W.H., 1935
 - Zaumeyer, W.J. and B.L. Wade, 1935
 - V. clover big vein
 - Black, L.M., 1951
 - V. cucumber mosaic
 - Hagedorn, D.J., 1950, 1954
 - Whipple, O.C. and J.C. Walker, 1941
 - V. lucerne dwarf
 - Freitag, J.H., 1951
 - Hagedorn, D.J. and E.W. Hanson, 1957
 - V. lucerne mosaic
 - Kreitlow, K.W. and W.C. Price, 1949
 - V. pea enation mosaic
 - Hagedorn, D.J. and J.C. Walker, 1954
 - McEwen, F.L. and W.T. Schroeder, 1956
 - Stubbs, M.W., 1936, 1937
 - V. pea mosaic
 - Hagedorn, D.J., 1948
 - Hagedorn, D.J. and J.C. Walker, 1954
 - V. pea mottle
 - Johnson, Folke and Leon K. Jones, 1937
 - V. pea mosaic
 - Murphy, D.M. and W.H. Pierce, 1937
 - Pierce, W.H., 1935
 - Stubbs, M.W., 1936, 1937
 - V. prunus B *
 - Fulton, Robert W., 1957
 - V. red clover vein mosaic
 - Graves, Clinton H., Jr. and D.J. Hagedorn, 1956
 - Hagedorn, D.J. and E.W. Hanson, 1957
 - Hagedorn, D.J. and J.C. Walker, 1949, 1954
 - V. tobacco mosaic
 - Holmes, Francis O., 1946
 - V. tobacco ring spot
 - Henderson, R.G., 1934
 - Henderson, R.G. and S.A. Wingard, 1931
 - Stubbs, M.W., 1937
 - Wingard, S.A., 1928
 - V. tobacco streak
 - Fulton, Robert W., 1948
 - V. Wisconsin pea streak
 - Hagedorn, D.J. and J.C. Walker, 1949, 1954
 - Skotland, C.B., 1953
 - Skotland, C.B. and D.J. Hagedorn, 1954
 - M. polonica, Pers.
 - V. clover big vein
 - Black, L.M., 1951
 - M. spp.
 - V. bean yellow mosaic
 - McLarty, H.R., 1920
 - V. lucerne mosaic
 - Kreitlow, K.W. and W.C. Price, 1948
 - V. tobacco streak
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - M. suaveolens, Ledeb.
 - V. clover big vein
 - Black, L.M., 1951
 - V. lucerne mosaic
 - Kreitlow, K.W. and W.C. Price, 1949
 - M. taurica, (Bieb.) Ser.
 - V. clover big vein
 - Black, L.M., 1951
 - M. tommasinii, Jord.
 - V. clover big vein
 - Black, L.M., 1951
 - M. wolgica, Poir.
 - V. clover big vein
 - Black, L.M., 1951

- MELOTHRIA** L. 1737 (Cucurbitaceae)
- M. guadalupensis*, (Spreng.) Cogn.
- V. cucumber mosaic
 - Adsuar, Jose and A. Cruz Miret, 1950
 - V. papaw mosaic
 - Adsuar, Jose, 1950
 - V. prunus B *
 - Fulton, Robert W., 1957
 - V. prunus E *
 - Fulton, Robert W., 1957
 - V. prunus G *
 - Fulton, Robert W., 1957
- M. pendula*, L.
- V. muskmelon mosaic
 - Anderson, C.W., 1954
 - V. prunus A *
 - Fulton, Robert W., 1957
 - V. prunus B *
 - Fulton, Robert W., 1957
 - V. prunus E *
 - Fulton, Robert W., 1957
 - V. watermelon mosaic
 - Anderson, C.W., 1954
- M. scabra*, Naud.
- V. cucumber mosaic
 - Jagger, I.C., 1918
- M. spp.*
- V. watermelon mosaic
 - Anderson, C.W., 1952
- MENTHA** ((Tourn.)) L. 1735 (Labiatae)
- M. spicata*, L.
- V. tobacco mosaic
 - Holmes, Francis O., 1946
- M. spp.*
- V. lucerne dwarf
 - Freitag, J.H., 1951
- MERREMINIA** Dennst. 1818 (Convolvulaceae)
- M. sibirica*, (Pers.) Hall. f.
- V. sweet potato feathery mottle
 - Webb, Raymond E., 1954
- MERTENSIA** Roth 1797 (Boraginaceae)
- M. virginica*, (L.) DC.
- V. cucumber mosaic
 - Nienow, Inez, 1948
- MESEMBRYANTHEMUM** Dill. ex L. 1735 (Aizoaceae)
- M. crystallinum*, L.
- V. beet yellows
 - Roland, G. and J. Tahon, 1961
 - V. cucumber mosaic
 - Wellman, F.L., 1935
 - V. tobacco mosaic
 - Holmes, Francis O., 1946
- M. lineare*, Thunb.
- V. tobacco mosaic
 - Holmes, Francis O., 1946
- MICROSERIS** D. Don 1832 (Compositae)
- M. douglasii*, Sch.
- V. beet curly top
 - Severin, Henry H.P., 1934
- MILLETTIA** Wight & Arn. 1834 (Leguminosae)
- M. makondensis*, Harms
- V. groundnut rosette
 - Evans, A.C., 1954
- MIMULUS** L. 1741 (Scrophulariaceae)
- M. cardinalis*, Dougl.
- V. aster yellows
 - Severin, Henry H.P. and Julius H. Freitag, 1945
- M. guttatus*, DC.
- V. aster yellows
 - Frazier, Norman W. and Henry H.P. Severin, 1945
 - V. tomato bushy stunt
 - Smith, Kenneth M., 1935
- M. luteus*, L.
- V. anemone mosaic *
 - Hollings, M., 1957
- M. luteus*, L. (cont.)
- V. aster yellows
 - Kunkel, L.O., 1926
 - V. beet curly top
 - Freitag, Julius H. and Henry H.P. Severin, 1936
 - V. cabbage black ring spot
 - Hollings, M., 1957
 - V. tomato bushy stunt
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- M. moschatus*, Dougl.
- V. cucumber mosaic
 - Price, W.C., 1940
 - V. tobacco mosaic
 - Holmes, Francis O., 1946
 - V. tobacco necrosis
 - Price, W.C., 1940
 - V. tobacco ring spot
 - Price, W.C., 1940
 - V. tobacco ring spot no. 2
 - Price, W.C., 1940
- M. tigrinus*, Hort. ex Vilmorin
- V. tobacco mosaic
 - Holmes, Francis O., 1946
- MIRABILIS** Riv. ex L. 1735 (Nyctaginaceae)
- M. jalapa*, L.
- V. beet curly top
 - Freitag, Julius H. and Henry H.P. Severin, 1936
 - Severin, Henry H.P. and Julius H. Freitag, 1934
- M. lucerne* mosaic
- Price, W.C., 1940
 - V. tobacco necrosis
 - Price, W.C., 1940
 - V. tobacco ring spot
 - Price, W.C., 1940
 - V. tobacco ring spot no. 2
 - Price, W.C., 1940
 - V. tobacco streak
 - Fulton, Robert W., 1948
- MISCANTHUS** Andersss. 1855 (Gramineae)
- M. sinensis*, Anders.
- V. sugarcane mosaic
 - Brandes, E.W. and Peter J. Klaphaak, 1923
- MODIOLA** Moench 1794 (Malvaceae)
- M. caroliniana*, (L.) G. Don
- V. beet curly top
 - Severin, Henry H.P., 1934, 1939
 - V. tobacco yellow dwarf
 - Helson, G.A.H., 1950
- MOLLUGO** L. 1737 (Aizoaceae)
- M. verticillata*, L.
- V. cucumber mosaic
 - Faan, Hwei-Chung and James Johnson, 1951
 - V. tobacco etch
 - Holmes, Francis O., 1946
 - V. tobacco mosaic
 - Holmes, Francis O., 1938, 1946
- MOMORDICA** ((Tourn.)) L. 1735 (Cucurbitaceae)
- M. balsamina*, L.
- V. cucumber mosaic
 - Jagger, I.C., 1918
 - V. prunus A *
 - Fulton, Robert W., 1957
 - V. prunus B *
 - Fulton, Robert W., 1957
 - V. prunus E *
 - Fulton, Robert W., 1957
 - V. prunus G *
 - Fulton, Robert W., 1957
 - V. prunus isolates A, E, G *
 - Fulton, Robert W., 1957
- M. charantia*, L.
- V. cucumber green mottle mosaic
 - Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - V. cucumber mosaic
 - Simons, John N., 1957
 - Vasudeva, R. Sahai and T.B. Lal, 1943
 - V. cucurbit mosaic *
 - Doolittle, S.P. and M.N. Walker, 1925

- M. charantia, L. (cont.)
 V. muskmelon mosaic
 Anderson, C.W., 1954
 V. prunus B *
 Fulton, Robert W., 1957
 V. squash mosaic
 Freitag, J.H., 1956
 M. involucrata, E. Meyer
 V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
- MONOLEPIS Schrad. 1830 (Chenopodiaceae)
 M. nuttalliana, (R. & S.) Greene
 V. beet curly top
 Severin, Henry H.P., 1934
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- M. trifida, Schrad.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- MUCUNA Adans. 1763 (Leguminosae)
 (STIZOLOBIUM) P. Br. 1756
 M. pruriens, (L.) DC.
 V. abutilon infectious variegation
 Crandall, Bowen S., 1954
 (S. spp.)
 V. abutilon infectious variegation
 Crandall, Bowen S., 1954
 V. tobacco ring spot
 Pierce, W.H., 1934
- MUSA L. 1736 (Musaceae)
 M. banksii, F. Muell.
 V. cucumber mosaic
 Bernardo, Fernando A. and Dioscoro L. Umali,
 1956
- M. cavendishii, Lamb.
 V. cucumber mosaic
 Magee, C.J.P., 1940
 Wellman, F.L., 1934, 1935
- M. ensete, Gmel.
 V. cucumber mosaic
 Magee, C.J.P., 1940
- M. fehi, Vieill.
 V. banana bumpy top
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- M. paradisiaca, L., subsp. sapientum, (L.) Kuntze
 V. cucumber mosaic
 Castillo, Bernardo S., 1952
 Magee, C.J.P., 1940
 Wellman, F.L., 1934, 1935
- M. paradisiaca var. cinerea, Blanco
 V. abaca bumpy top
 Ocfemia, Gerardo Offimaria, 1930
- M. paradisiaca var. lacatan, Blanco
 V. abaca bumpy top
 Ocfemia, Gerardo Offimaria, 1930
- M. paradisiaca var. suaveolens, Blanco
 V. abaca bumpy top
 Ocfemia, Gerardo Offimaria, 1930
- M. spp.
 V. banana bumpy top
 Magee, C.J.P., 1940, 1948
- M. textilis, Nee
 V. abaca bumpy top
 Calinisan, Melanio R., 1931
 Calinisan, Melanio R. and Crispiniano C.
 Hernandez, 1936
 Ocfemia, G.O., 1926, 1930
 Ocfemia, G.O. and Gabino G. Buhay, 1934
 Ocfemia, G.O., Martin S. Celino and Feliciano J.
 Garcia, 1947
- V. canna mosaic
 Juliano, Jorge P., 1951
 Ocfemia, G.O., Isidro S. Macaspac and Hsieh
 Feng Yuan, 1941
- V. cucumber mosaic
 Bernardo, Fernando A. and Dioscoro L. Umali,
 1956
 Calinisan, Melanio R., 1938
 Celino, Martin S., 1940
 Celino, M.S. and Aureo L. Martinez, 1955, 1956
- M. textilis, Nee (cont.)
 V. cucumber mosaic
 Lawas, Orenco M. and William L. Fernandez,
 1949
 Magee, C.J.P., 1940
 Ocfemia, G.O. and Martin S. Celino, 1938
 Ocfemia, G.O., Martin S. Celino and Feliciano
 J. Garcia, 1947
- V. maize mosaic
 Juliano, Jorge P., 1951
- V. sugarcane mosaic
 Lawas, Orenco M. and William L. Fernandez,
 1949
- M. textilis x M. balbisiana, Colla.
- V. abaca bumpy top
 Bernardo, Fernando A. and Dioscoro L. Umali,
 1956
- V. cucumber mosaic
 Bernardo, Fernando A. and Dioscoro L. Umali,
 1956
- M. textilis x M. banksii, F. Muell.
- V. cucumber mosaic
 Bernardo, Fernando A. and Dioscoro L. Umali,
 1956
- MYOSOTIS ((Tourn.)) Dill. ex L. 1735 (Boraginaceae)
 M. alpestris, Schmidt
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex
 Thomas, 1938
- M. arvensis, Lam.
 V. beet ring spot *
 Harrison, B.D., 1957
- V. raspberry Scottish leaf curl
 Harrison, B.D., 1958
- M. scorpioides, L.
 V. aster yellows
 Kunkel, L.O., 1926
 Severin, Henry H.P. and Julius H. Freitag, 1945
- V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. tobacco mosaic
 Holmes, Francis O., 1946
- M. sylvatica, Hoffm.
 V. cucumber mosaic
 Price, W.C., 1940
- V. tobacco mosaic
 Holmes, Francis O., 1946
- MYRICA L. 1735 (Myricaceae)
 M. carolinensis, Mill.
 V. bayberry yellows
 Raychaudhuri, S.P., 1952, 1953
- NARCISSUS ((Tourn.)) L. 1735 (Amaryllidaceae)
- N. jonquilla, L.
 V. onion yellow dwarf
 Henderson, W.J., 1935
- N. pallida praecox, Hort. *
 V. narcissus stripe *
 Caldwell, John and Ian W. Prentice, 1943
- N. poeticus, L.
 V. (lily) color adding *
 McWhorter, F.P., 1932
- V. (lily) color removing *
 McWhorter, F.P., 1932
- V. tulip breaking
 McWhorter, F.P., 1932
- N. pseudo-narcissus, L.
 V. narcissus mosaic
 Haasis, Frank A., 1939
- N. spp.
 V. narcissus mosaic
 Blanton, F.S. and F.A. Haasis, 1942
 Haasis, Frank A., 1939
 McWhorter, Frank P. and Freeman Weiss, 1932
- V. narcissus stripe *
 Caldwell, John and Ian W. Prentice, 1943
 Hawker, Lilian E., 1943
- N. tazetta, L.
 V. onion yellow dwarf
 Henderson, W.J., 1935

- N. triandrus, L.
 V. narcissus stripe *
 Caldwell, John and Ian W. Prentice, 1943
- NASTURTIUM L. 1735 (Cruciferae)
 N. officinale, R. Br. (*Rorippa nasturtium-aquaticum*, (L.) Schinz & Thell.)
 V. cabbage black ring
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1937
 V. cucumber mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. turnip yellow mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- NEMESIA Vent. 1803 (Scrophulariaceae)
 N. spp.
 V. carrot motley dwarf
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- N. strumosa, Benth.
 V. aster yellows
 Kunkel, L.O., 1926
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. cucumber mosaic
 Price, W.C., 1940
 V. lucerne mosaic
 Price, W.C., 1940
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tobacco necrosis
 Price, W.C., 1940
 V. tobacco ring spot
 Price, W.C., 1940
 V. tobacco ring spot no. 2
 Price, W.C., 1940
- NEMOPHILA Nutt. ex Barton 1882 (Hydrophyllaceae)
 N. maculata, Benth.
 V. aster yellows
 Kunkel, L.O., 1926
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 Giddings, N.J., 1944
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 N. menziesii, Hook. & Arn., subsp. *insignis*, Brand.
 V. lucerne mosaic
 Price, W.C., 1940
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tobacco necrosis
 Price, W.C., 1940
 V. tobacco ring spot
 Price, W.C., 1940
 V. tobacco ring spot no. 2
 Hildebrand, E.M., 1942
 Price, W.C., 1940
- NEPETA Riv. ex L. 1737 (Labiatae)
 N. cataria, L.
 V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
 V. elm mosaic
 Varney, E.H. and J. Duain Moore, 1952
 V. prunus B *
 Fulton, Robert W., 1957
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tobacco streak
 Fulton, Robert W., 1948
 V. tomato spotted wilt
 Milbrath, J.A., 1939
 N. mussini, Spreng.
 V. tobacco mosaic
 Holmes, Francis O., 1946
- NERIUM L. 1735 (Apocynaceae)
 N. oleander, L.
 V. rose mosaic
 Fulton, Robert W., 1952
- NESLIA Desv. 1814 (Cruciferae)
 N. paniculata, (L.) Desv.
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
- NICANDRA Adans. 1763 (Solanaceae)
 N. physalodes, (L.) Gaertn.
 V. abutilon infectious variegation
 Silberschmidt, K. and L.R. Tommasi, 1956
 V. cucumber mosaic
 Burnett, G., 1934
 Hoggan, Isme A., 1927
 Johnson, E.M., 1930
 Pound, Glenn S. and J.C. Walker, 1948
 Wellman, F.L., 1935
 V. datura rugose leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
 V. lucerne mosaic
 Price, W.C., 1940
 V. (physalis) mosaic *
 Fernow, K.H., 1923
 V. potato A
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 MacLachlan, D.S. and R.H. Larson, 1953
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 V. potato leaf roll
 Webb, R.E., R.H. Larson and J.C. Walker, 1952
 V. potato X
 Dennis, R.W.G., 1939
 Fernow, K.H., 1923, 1925
 Folsom, Donald and Reiner Bonde, 1937
 Goss, R.W., 1931
 Hoggan, Isme A., 1927
 Johnson, E.M., 1930
 Larson, R.H., 1947
 Smith, J. Henderson, 1928
 V. potato Y
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 Hoggan, Isme A., 1927
 Koch, K.L., 1933
 Sakimura, K., 1953
 V. red currant ring spot
 Klessner, P.J., 1951
 V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
 V. tobacco coarse etch
 Johnson, E.M., 1930
 V. tobacco etch
 Fulton, Robert W., 1941
 Holmes, Francis O., 1946
 Johnson, E.M., 1930
 V. tobacco mosaic
 Crawford, R.F., 1921
 Fulton, Robert W., 1941
 Hoggan, Isme A., 1927
 Holmes, Francis O., 1946
 Jarrett, Phyllis H., 1930
 Johnson, E.M., 1930
 V. tobacco necrosis
 Price, W.C., 1940

- N. physalodes, (L.) Gaertn. (cont.)
 V. tobacco ring spot
 Fulton, Robert W., 1941
 Johnson, E.M., 1930
 Wingard, S.A., 1928
 V. tobacco streak
 Fulton, Robert W., 1948
 Johnson, J., 1936
 V. tomato bumpy top
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
 V. tomato spotted wilt
 Gardner, M.W. and O.C. Whipple, 1934
 V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
 V. wild cucumber mosaic *
 Fernow, Karl Hermann, 1925
- NICOTIANA L. 1735 (Solanaceae)
 N. acuminata, Hook.
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Adsuar, J. and L. Lopez Matos, 1955
 Caldwell, John, 1932
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, Francis O., 1929, 1934, 1946
 Jensen, J.H., 1933
 Kunkel, L.O., 1932
 V. tobacco ring spot
 Wingard, S.A., 1928
 V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
 V. tomato spotted wilt
 Gardner, M.W. and O.C. Whipple, 1934
 V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
 N. affinis, T. Moore
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. cucumber mosaic
 Govier, D.A., 1957
 V. potato X
 Smith, J. Henderson, 1928
 V. tobacco mosaic
 Jarrett, Phyllis H., 1930
 McKinney, H.H., 1935
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
 N. alata, Link & Otto
 V. cucumber mosaic
 Price, W.C., 1941
 V. lucerne mosaic
 Price, W.C., 1940
 V. potato X
 Dennis, R.W.G., 1939
 V. potato Y
 Smith, Kenneth M. and R.W.G. Dennis, 1940
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, F.O., 1934, 1946
 Kunkel, L.O., 1932
 Weber, Paul V.V., 1951
 V. tobacco ring spot
 Steere, Russell L., 1956
 V. tobacco ring spot no. 2
 Wilkinson, R.E., 1952
 V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
 V. tomato spotted wilt
 Gardner, M.W. and O.C. Whipple, 1934
 N. alata var. grandiflora, Comes
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. chili (pepper) mosaic
 Dale, W.T., 1954
 V. delphinium ring spot
 Severin, Henry H.P. and R.C. Dickson, 1942
- N. alata var. grandiflora, Comes (cont.)
 V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
 N. arentsii, Goodspeed
 V. tobacco mosaic
 Diachun, Stephen and W.D. Valleau, 1954
 V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
 N. atropurpureum, Hort. *
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 N. attenuata, Torr. ex S. Wats.
 V. tobacco mosaic
 Diachun, Stephen and W.D. Valleau, 1954
 V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
 N. australasiae, R. Br.
 V. tobacco yellow dwarf
 Hill, A.V. and M. Mandryk, 1954
 N. benavidesii, Goodspeed
 V. tobacco mosaic
 Diachun, Stephen and W.D. Valleau, 1954
 V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
 N. benthamiana, Domin
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. rose mosaic
 Fulton, Robert W., 1952
 V. tobacco mosaic
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
 V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1947, 1954
 N. bigelovii, S. Wats.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, F.O., 1934, 1946
 Stover, R.H., 1951
 V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 N. bigelovii var. multivalvis, Gray *
 V. potato Y
 Roque, Arturo and Jose Adsuar, 1941
 V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
 N. bigelovii var. quadrivalvis, Pursh *
 V. cucumber mosaic
 Price, W.C., 1940, 1941
 V. potato Y
 Roque, Arturo and Jose Adsuar, 1941
 N. bigelovii var. quadrivalvis x N. glutinosa, L.
 V. tobacco mosaic
 Holmes, F.O., 1934
 N. bigelovii var. quadrivalvis x N. sanderae, W. Wats.
 V. tobacco mosaic
 Holmes, F.O., 1934
 N. bigelovii var. quadrivalvis x N. tabacum, L.
 V. tobacco mosaic
 Holmes, F.O., 1934
 N. bonariensis, Lehm.
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, Francis O., 1946
 V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954

- N. calyciflora *
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- N. caudigera, Phil.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- N. caudigera x N. acuminata, Hook.
 V. tobacco mosaic
 Holmes, F.O., 1934
- N. chinensis, Fisch.
 V. chilli (pepper) mosaic
 Dale, W.T., 1954
- V. tobacco mosaic
 Ferguson, I.A.C., 1951
- V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. vaccinium false blossom
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- N. clevelandi, A. Gray
 V. beet mosaic
 Bennett, C.W., 1949
- V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Adsuar, J. and L. Lopez Matos, 1955
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- V. tobacco ring spot
 Holmes, F.O., 1934, 1946
- V. tobacco streak
 Wingard, S.A., 1928
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1947, 1954
- N. cordifolia, Phil.
 V. tobacco mosaic
 Diachun, Stephen and W.D. Valleau, 1954
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- N. corymbosa, Remy
 V. tobacco mosaic
 Diachun, Stephen and W.D. Valleau, 1954
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- N. debneyi, Domin
 V. potato M *
 Bagnall, R.H. and R.H. Larson, 1957
- V. potato paracrinkle
 Bagnall, R.H. and R.H. Larson, 1957
- V. potato paracrinkle
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- V. tobacco mosaic
 Adsuar, J. and L. Lopez Matos, 1955
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- N. digluta, Clausen & Goodspeed *
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- N. digluta x N. tabacum, L.
 V. tobacco mosaic
 Holmes, Francis O., 1938
- V. tobacco necrosis
 Price, W.C., 1938
- V. tobacco ring spot
 Tall, M.G., W.C. Price and Kenneth Wertman, 1949
- V. tobacco ring spot no. 2
 Tall, M.G., W.C. Price and Kenneth Wertman, 1949
- N. excelsior, Black
 V. tobacco yellow dwarf
 Hill, A.V. and M. Mandryk, 1954
- N. exigua, Wheeler
 V. tobacco mosaic
 Diachun, Stephen and W.D. Valleau, 1954
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- N. forgetiana, Hort. Sand. ex Hemsl.
 V. rose mosaic
 Fulton, Robert W., 1952
- N. fragrans, Hook.
 V. rose mosaic
 Fulton, Robert W., 1952
- V. tobacco mosaic
 Diachun, Stephen and W.D. Valleau, 1954
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- N. glauca, Graham
 V. beet curly top
 Bennett, C.W., 1934, 1937
- V. beet curly top
 Bennett, C.W. and Aziz Tanrisever, 1957
- V. tobacco mosaic
 Costa, A.S., 1952
- V. tobacco mosaic
 Giddings, N.J., 1944
- V. tobacco mosaic
 Severin, Henry H.P., 1934, 1939
- V. cucumber mosaic
 Hoggan, Isme A., 1927
- V. cucumber mosaic
 Johnson, J., 1926, 1927
- V. cucumber mosaic
 Nariani, T.K. and Nirmaljit Singh, 1952
- V. datura distortion mosaic
 Capoor, S.P. and P.M. Varma, 1952
- V. dodder latent mosaic
 Bennett, C.W., 1944, 1949
- V. henbane mosaic
 Hamilton, Marion A., 1932
- V. nicotiana glauca light green mosaic *
 McKinney, H.H., 1929
- V. petunia mosaic
 Johnson, J., 1926, 1927
- V. potato stem mottle
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. potato X
 Hoggan, Isme A., 1927
- V. potato Y
 Hoggan, Isme A., 1927
- V. potato Y
 Johnson, James, 1927
- V. potato yellow dwarf
 Black, L.M., 1938
- V. red currant ring spot
 Klessner, P.J., 1951
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco green mosaic
 McKinney, H.H., 1929
- V. tobacco leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco mosaic
 Allard, H.A., 1917
- V. tobacco mosaic
 Diachun, Stephen and W.D. Valleau, 1954
- V. tobacco mosaic
 Doolittle, S.P. and F.S. Beecher, 1942
- V. tobacco mosaic
 Hoggan, Isme A., 1927
- V. tobacco mosaic
 Holmes, F.O., 1934, 1946
- V. tobacco mosaic
 Jensen, J.H., 1933
- V. tobacco mosaic
 Johnson, J., 1926, 1927
- V. tobacco mosaic
 Keener, Paul D., 1954
- V. tobacco mosaic
 McKinney, H.H., 1928, 1929, 1935, 1943, 1952
- V. tobacco ring spot
 Grogan, R.G. and W.C. Schnathorst, 1955
- V. tobacco ring spot
 Smith, Kenneth M., 1931
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1947, 1954
- V. tobacco yellow dwarf
 Hill, A.V., 1950
- V. tobacco yellow dwarf
 Hill, A.V. and M. Mandryk, 1954
- V. tomato big bud
 Hill, A.V. and M. Mandryk, 1954
- V. tomato spotted wilt
 Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
- V. tomato spotted wilt
 Smith, Kenneth M., 1932
- N. glauca x N. langsdorffii, Weinm.
 V. tobacco mosaic
 Holmes, F.O., 1934
- N. glutinosa, L.
 V. anemone mosaic *
 Hollings, M., 1957
- V. apple mosaic
 Yarwood, C.E., 1955
- V. arabis mosaic
 Smith, Kenneth M. and Roy Markham, 1944

- Nicotiana glutinosa, L. (cont.)
 V. atropa belladonna mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. beet curly top
 Bennett, C.W. and A.S. Costa, 1949
 Bennett, C.W. and Aziz Tanrisever, 1957
 Costa, A.S., 1952
 Fulton, Robert W., 1955
 Giddings, N.J., 1944, 1947, 1954
- V. beet ring spot *
 Harrison, B.D., 1957
- V. cabbage black ring spot
 Hamlyn, Brenda M.G., 1953
 Hollings, M., 1957
- Tompkins, C.M., M.W. Gardner and H. Rex
 Thomas, 1937, 1938
- V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1940, 1941
- V. carnation ring spot
 Kassanis, B., 1955
- V. chilli (pepper) mosaic
 Dale, W.T., 1954
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- V. chilli veinbanding
 Simons, John N., 1956
- V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
- V. chrysanthemum latent *
 Hollings, M., 1957
- V. crucifer ring spot *
 Smith, Kenneth M., 1935
- V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 Ainsworth, G.C., 1935, 1940
 Anderson, C.W., 1951, 1955
 Anderson, C.W. and M.K. Corbett, 1957
 Berkeley, G.H., 1951, 1953
 Berkeley, G.H. and J.H. Tremaine, 1954
 Bhargava, K.S., 1951
 Black, L.M. and W.C. Price, 1940
 Bridgmon, G.H. and J.C. Walker, 1952
 Costa, A.S., 1944
 Doolittle, S.P. and W.J. Zaumeyer, 1953
 Fulton, Robert W., 1941
 Govier, D.A., 1957
 Hagedorn, D.J. and J.C. Walker, 1954
 Hoggan, Isme A., 1927, 1935
 Johnson, J., 1926, 1927
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Nariani, T.K. and Nirmaljit Singh, 1952
 Nienow, Inez, 1948
 Pound, Glenn S. and J.C. Walker, 1948
 Price, W.C., 1934, 1941
 Roberts, Daniel A., 1952
 Silberschmidt, K., 1955
 Sill, W.H., Jr. and J.C. Walker, 1952
 Simons, John N., 1955, 1957
 Smith, Kenneth M., 1935
 Storey, I.F., 1939
 Wellman, F.L., 1934, 1935
 Whipple, O.C. and J.C. Walker, 1941
- V. datura distortion mosaic
 Kapoor, S.P. and P.M. Varma, 1952
- V. delphinium ring spot
 Severin, Henry H.P. and R.C. Dickson, 1942
- V. dodder latent mosaic
 Bennett, C.W., 1949
- V. eggplant mosaic
 Dale, W.T., 1954
 Ferguson, I.A.C., 1951
- V. henbane mosaic
 Hamilton, Marion A., 1932
 Hollings, M., 1955
- V. lily ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. lovage mosaic
 Smith, Kenneth M. and Roy Markham, 1944
- V. lucerne mosaic
 Berkeley, G.H., 1947
 Black, L.M. and W.C. Price, 1940
 Dykstra, T.P., 1939
 Houston, Byron R. and John W. Oswald, 1953
 Kreitlow, K.W. and W.C. Price, 1948, 1949
 Oswald, John W., 1950
- N. glutinosa, L. (cont.)
 V. lucerne mosaic
 Pierce, W.H., 1934
 Severin, Henry H.P., 1942
 Thomas, H. Rex, 1951
 Zaumeyer, W.J., 1953
- V. lucerne witches' broom
 Helms, Katie, 1957
- V. nicotiana glutinosa mosaic *
 Allard, H.A., 1916
 Fernow, Karl Hermann, 1925
- V. nicotiana glutinosa root necrosis *
 Cetas, Robert C. and A. Frank Ross, 1952
- V. petunia mosaic
 Johnson, J., 1926, 1927
- V. physalis pubescens mosaic *
 Walker, M.N., 1925
- V. potato A
 Vasudeva, R. Sahai and C.S. Ramamoorthy, 1946
- V. potato acuba mosaic
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 Black, L.M. and W.C. Price, 1940
 Dykstra, T.P., 1939
- V. potato leaf roll
 Webb, R.E., R.H. Larson and J.C. Walker, 1952
- V. potato stem mottle
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. potato X
 Ainsworth, G.C., 1933, 1934
 Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 Black, L.M. and W.C. Price, 1940
 Cockerham, George, 1943
 Dennis, R.W.G., 1939
 Fernow, Karl Hermann, 1925
 Fulton, Robert W., 1941
 Hoggan, Isme A., 1927
 Johnson, James, 1927
 Larson, R.H., 1944, 1947
 Matthews, R.E.F., 1949
 Roberts, Daniel A., 1952
 Timian, Roland G., W.J. Hooker and C.E. Peterson, 1955
 Thompson, A.D., 1956
 Vasudeva, R. Sahai and T.B. Lal, 1944
- V. potato Y
 Alvarez-Garcia, L.A. and Jose Adsuar, 1943
 Bald, J.G. and D.O. Norris, 1945
 Bawden, F.C. and B. Kassanis, 1951
 Cockerham, George, 1943
 Conover, Robert A. and Robert W. Fulton, 1953
 Corbett, M.K., 1955
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
 Hamilton, Marion A., 1932
 Hoggan, Isme A., 1927
 Hutton, E.M. and J.W. Peak, 1952
 Johnson, James, 1927
 Koch, K.L., 1933
 Peterson, Paul D. and H.H. McKinney, 1938
 Roque, Arturo and Jose Adsuar, 1941
 Ross, A. Frank, 1948, 1949, 1950, 1953
 Sakimura, K., 1953
 Simons, J.N., Robert A. Conover and James M. Walter, 1956
 Smith, Kenneth M. and R.W.G. Dennis, 1940
 Vasudeva, R. Sahai and T.B. Lal, 1945
 Watson, Marion A., 1956
- V. potato yellow dwarf
 Black, L.M., 1938
- V. radish mosaic
 Tompkins, C.M., 1939
- V. ranunculus mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. raspberry Scottish leaf curl
 Cadman, C.H., 1956
- V. raspberry yellow dwarf *
 Harrison, B.D., 1958
- V. red currant ring spot
 Klessner, P.J., 1951
- V. rose mosaic
 Fulton, Robert W., 1952
- V. sweet potato mosaic
 Elmer, O.H., 1957

- Nicotiana glutinosa*, L. (cont.)
 V. tobacco bergerac ring spot
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
 V. tobacco broken ring spot
 Smith, Kenneth M. and Roy Markham, 1944
 V. tobacco etch
 Anderson, C. W., 1954
 Fulton, Robert W., 1941
 Holmes, Francis O., 1942, 1946
 V. tobacco leaf curl
 Pal, B. P. and R. K. Tandon, 1937
 Vasudeva, R. S. and J. Sam Raj, 1948
 V. tobacco mosaic
 Adsuar, J. and L. Lopez Matos, 1955
 Ainsworth, G. C., 1933, 1937
 Ainsworth, G. C., G. H. Berkeley and J. Caldwell, 1934
 Anderson, C. W. and M. K. Corbett, 1957
 Bawden, F. C. and F. M. Roberts, 1948
 Berkeley, G. H., 1951
 Best, Rupert J. and Geoffrey Samuel, 1936
 Boyle, John S. and David C. Wharton, 1956, 1957
 Caldwell, John, 1932
 Conover, Robert A. and Robert W. Fulton, 1953
 Costa, A. S., 1944
 Cox, C. E. and L. O. Weaver, 1950
 Desjardins, P. R., J. M. Wallace and R. J. Drake, 1954
 Diachun, Stephen and W. D. Valleau, 1954
 Doering, G. R., W. C. Price and S. B. Fenne, 1957
 Doolittle, S. P. and F. S. Beecher, 1942
 Dykstra, T. P., 1939
 Hoggan, Isme A., 1927
 Holmes, Francis O., 1929, 1934, 1936, 1941, 1946
 Jensen, J. H., 1933, 1936, 1937
 Johnson, J., 1926, 1927
 Kendrick, J. B., Jr., L. D. Anderson and R. C. Dickson, 1951
 Kunkel, L. O., 1932
 McKinney, H. H., 1935, 1943, 1952
 Nagaich, B. B. and H. H. Thornberry, 1957
 Nolla, J. A. B., 1934
 Norval, I. P., 1938
 Peterson, Paul D. and H. H. McKinney, 1938
 Pierce, W. H., 1934
 Price, W. C. and S. B. Fenne, 1951
 Raychaudhuri, S. P., 1952
 Roberts, Daniel A., 1952
 Sheffield, F. M. L., 1936
 Siegel, Albert and Sam G. Wildman, 1954
 Smith, Kenneth M., 1935
 Spencer, E. L., 1935
 Stover, R. H., 1951
 Walker, M. N., 1924, 1925
 Walters, H. J., 1952
 Weber, Paul V. V., 1951
 Woods, M. W. and Richard V. Eck, 1948
 V. tobacco mottle
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 V. tobacco necrosis
 Bawden, F. C. and B. Kassanis, 1947
 Kassanis, B., 1949, 1955
 Price, W. C., 1938
 Price, W. C., Frank P. McWhorter and Betty H. Steranka, 1950
 Price, W. C. and Ralph W. G. Wyckoff, 1939
 V. tobacco ring spot
 Anderson, C. W., 1954
 Benedict, W. G., 1955
 Berkeley, G. H., 1951, 1953
 Bridgmon, G. H. and J. C. Walker, 1952
 Cheo, Pen Ching and W. J. Zaumeyer, 1952
 Cooper, W. E., 1949
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 Fromme, F. D., S. A. Wingard and C. N. Priode, 1927
 Fulton, Robert W., 1941
 Grogan, R. G., Roy Bardin and W. C. Schnathorst, 1954
 Grogan, R. G. and W. C. Schnathorst, 1955
 Pierce, W. H., 1934
 Pound, Glenn S., 1949
- N. glutinosa, L. (cont.)
 V. tobacco ring spot
 Wingard, S. A., 1928
 V. tobacco ring spot no. 2
 Hildebrand, E. M., 1942
 Price, W. C., 1936
 V. tobacco streak
 Diachun, Stephen and W. D. Valleau, 1954
 Fulton, Robert W., 1941
 Johnson, J., 1936
 Thomas, H. Rex and W. J. Zaumeyer, 1950
 V. tobacco vein distorting
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 V. tobacco yellow dwarf
 Hill, A. V., 1950
 Hill, A. V. and M. Mandryk, 1954
 V. tomato aspermy
 Blencowe, J. W. and John Caldwell, 1949
 Brierley, Philip, Floyd F. Smith and S. P. Doolittle, 1955
 Hollings, M., 1955
 Ocfeemia, G. O., 1956
 Wilkinson, John, 1952
 V. tomato big bud
 Helms, Katie, 1957
 Hill, A. V. and M. Mandryk, 1954
 V. tomato black ring
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 V. tomato bunchy top
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 V. tomato bushy stunt
 Bawden, F. C. and F. M. Roberts, 1948
 Smith, Kenneth M., 1935
 Steere, Russell L., 1953
 V. tomato ring spot
 Bennett, C. W., 1944
 Varney, E. H. and J. Duain Moore, 1952
 V. tomato shoestring *
 Doering, G. R., W. C. Price and S. B. Fenne, 1957
 V. tomato spotted wilt
 Ainsworth, G. C., 1933
 Ainsworth, G. C., G. H. Berkeley and J. Caldwell, 1934
 Berkeley, G. H., 1935
 Black, L. M., M. K. Brakke and A. E. Vatter, 1952
 Ferguson, I. A. C., 1951
 Gardner, M. W. and O. C. Whipple, 1934
 Holmes, Francis O., 1948
 Kendrick, J. B., Jr., L. D. Anderson and R. C. Dickson, 1951
 Milbrath, J. A., 1939
 Norris, D. O., 1951
 Sakimura, K., 1940
 Shapovalov, M., 1934
 Smith, Kenneth M., 1932
 Snyder, W. C. and H. Rex Thomas, 1936
 Whipple, O. C., 1936
 V. tomato V-52-1
 Miller, Patrick M., 1953
 V. tropaeolum mosaic
 Silberschmidt, Karl, 1953
 V. tropaeolum ring spot
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 V. tulip white streak
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 V. turnip mosaic
 Bennett, C. W., 1944
 Berkeley, G. H. and J. H. Tremaine, 1954
 Berkeley, G. H. and M. Weintraub, 1952
 Hoggan, I. A. and J. Johnson, 1935
 LeBeau, Francis J. and J. C. Walker, 1945
 Pound, Glenn S., 1948
 Pound, Glenn S. and Lewis G. Weathers, 1953
 Tompkins, C. M., 1938, 1939
 Tompkins, C. M. and H. Rex Thomas, 1938
 Walker, J. C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. vaccinium false blossom
 Kunkel, L. O., 1945
 V. wild cucumber mosaic *
 Fernow, Karl Hermann, 1925
 V. tobacco mosaic
 Holmes, F. O., 1934

- Nicotiana glutinosa*, L. x *N. tabacum*, L.
- V. tobacco mosaic
 - Fulton, Robert W., 1941
 - N. goodspeedii, Wheeler
 - V. tobacco mosaic
 - Adsuar, J. and L. Lopez Matos, 1955
 - Diachun, Stephen and W.D. Valleau, 1954
 - V. tobacco streak
 - Diachun, Stephen and W.D. Valleau, 1954
 - N. gossei, Domin
 - V. tobacco mosaic
 - Adsuar, J. and L. Lopez Matos, 1955
 - Diachun, Stephen and W.D. Valleau, 1954
 - V. tobacco streak
 - Diachun, Stephen and W.D. Valleau, 1954
 - V. tobacco yellow dwarf
 - Hill, A.V. and M. Mandryk, 1954
 - N. knightiana, Goodspeed
 - V. tobacco mosaic
 - Diachun, Stephen and W.D. Valleau, 1954
 - V. tobacco streak
 - Diachun, Stephen and W.D. Valleau, 1954
 - N. langsdorffii, Weinm.
 - V. cabbage black ring spot
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - V. cabbage ring necrosis
 - Larson, R.H. and J.C. Walker, 1940, 1941
 - V. crucifer ring spot *
 - Smith, Kenneth M., 1935
 - V. cucumber mosaic
 - Price, W.C., 1934
 - Smith, Kenneth M., 1935
 - V. lovage mosaic
 - Smith, Kenneth M. and Roy Markham, 1944
 - V. lucerne mosaic
 - Price, W.C., 1940
 - Severin, Henry H.P., 1942
 - V. potato Y
 - Peterson, Paul D. and H.H. McKinney, 1938
 - Smith, Kenneth M. and R.W.G. Dennis, 1940
 - V. potato yellow dwarf
 - Black, L.M., 1938
 - V. radish mosaic
 - Tompkins, C.M., 1939
 - V. tobacco etch
 - Holmes, Francis O., 1946
 - V. tobacco green mosaic
 - Peterson, Paul D. and H.H. McKinney, 1938
 - V. tobacco mosaic
 - Ainsworth, G.C., 1937
 - Diachun, Stephen and W.D. Valleau, 1954
 - Holmes, F.O., 1929, 1934, 1936, 1946
 - Jensen, J.H., 1933, 1936
 - Kunkel, L.O., 1932, 1934
 - Peterson, Paul D. and H.H. McKinney, 1938
 - Stover, R.H., 1951
 - V. tobacco necrosis
 - Price, W.C., 1940
 - V. tobacco ring spot
 - Fromme, F.D., S.A. Wingard and C.N. Priode, 1927
 - Wingard, S.A., 1928
 - V. tobacco ring spot no. 2
 - Hildebrand, E.M., 1942
 - Price, W.C., 1936
 - V. tobacco streak
 - Diachun, Stephen and W.D. Valleau, 1954
 - V. tomato black ring
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. tomato bushy stunt
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. tomato spotted wilt
 - Gardner, M.W. and O.C. Whipple, 1934
 - V. turnip mosaic
 - Tompkins, C.M., 1939
 - V. vaccinium false blossom
 - Kunkel, L.O., 1945
 - N. langsdorffii N. sanderae, W. Wats.
 - V. tobacco mosaic
 - Holmes, F.O., 1934
 - N. linearis, Phil.
 - V. tobacco streak
 - Diachun, Stephen and W.D. Valleau, 1954
 - N. longiflora, Cav.
 - V. lucerne mosaic
 - Price, W.C., 1940
 - V. tobacco etch
 - Holmes, Francis O., 1946
 - V. tobacco mosaic
 - Adsuar, J. and L. Lopez Matos, 1955
 - Diachun, Stephen and W.D. Valleau, 1954
 - Holmes, F.O., 1934, 1946
 - Stover, R.H., 1951
 - Weber, Paul V.V., 1951
 - V. tobacco ring spot
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - Wingard, S.A., 1928
 - V. tobacco streak
 - Diachun, Stephen and W.D. Valleau, 1954
 - V. tomato spotted wilt
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. turnip mosaic
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - N. longiflora x N. alata, Link & Otto
 - V. tobacco mosaic
 - Weber, Paul V.V., 1951
 - N. maritima, Wheeler
 - V. tobacco mosaic
 - Adsuar, J. and L. Lopez Matos, 1955
 - Diachun, Stephen and W.D. Valleau, 1954
 - V. tobacco streak
 - Diachun, Stephen and W.D. Valleau, 1954
 - V. tobacco yellow dwarf
 - Hill, A.V. and M. Mandryk, 1954
 - N. megalosiphon, Heurck & Meull.
 - V. tobacco mosaic
 - Adsuar, J. and L. Lopez Matos, 1955
 - Diachun, Stephen and W.D. Valleau, 1954
 - V. tobacco streak
 - Diachun, Stephen and W.D. Valleau, 1947, 1954
 - N. miersii, Remy
 - V. tobacco streak
 - Diachun, Stephen and W.D. Valleau, 1947, 1954
 - N. multivalvis, Lindl.
 - V. beet mosaic
 - Bennett, C.W., 1949
 - V. tobacco mosaic
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. tobacco ring spot
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Wingard, S.A., 1928
 - V. turnip mosaic
 - LeBeau, Francis J. and J.C. Walker, 1945
 - Pound, Glenn S. and Lewis G. Weathers, 1953
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - N. nesophila, I.M. Johnston
 - V. tobacco mosaic
 - Diachun, Stephen and W.D. Valleau, 1954
 - V. tobacco streak
 - Diachun, Stephen and W.D. Valleau, 1954
 - N. noctiflora, Hook.
 - V. potato Y
 - Smith, Kenneth M. and R.W.G. Dennis, 1940
 - N. nudicaulis, S. Wats.
 - V. tobacco etch
 - Holmes, Francis O., 1946
 - V. tobacco mosaic
 - Diachun, Stephen and W.D. Valleau, 1954
 - Holmes, Francis O., 1946
 - V. tobacco streak
 - Diachun, Stephen and W.D. Valleau, 1954
 - V. turnip mosaic
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - N. occidentalis, Wheeler
 - V. rose mosaic
 - Fulton, Robert W., 1952
 - V. tobacco mosaic
 - Adsuar, J. and L. Lopez Matos, 1955
 - Diachun, Stephen and W.D. Valleau, 1954
 - V. tobacco streak
 - Diachun, Stephen and W.D. Valleau, 1954

- Nicotiana otophora*, Griseb.
 V. potato stem mottle
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- N. tabacum*
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, Francis O., 1946
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- N. palmeri*, A. Gray
 V. dodder latent mosaic
 Bennett, C.W., 1944
- V. lucerne mosaic
 Price, W.C., 1940
- V. tobacco mosaic
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, F.O., 1934, 1946
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- N. paniculata*, L.
 V. cucumber mosaic
 Govier, D.A., 1957
- V. lucerne mosaic
 Price, W.C., 1940
- V. potato yellow dwarf
 Black, L.M., 1938
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
- Doolittle, S.P. and F.S. Beecher, 1942
- Holmes, F.O., 1934, 1946
- Jensen, J.H., 1933
- Kunkel, L.O., 1932
- Woods, M.W. and Richard V. Eck, 1948
- V. tobacco ring spot
 Fromme, F.D., S.A. Wingard and C.N. Priode, 1927
- Wingard, S.A., 1928
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- V. tomato black ring
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- N. paniculata* x *N. rustica*, L.
 V. tobacco mosaic
 Holmes, F.O., 1934
- N. pauciflora*, Remy
 V. tobacco mosaic
 Diachun, Stephen and W.D. Valleau, 1954
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- N. plumbaginifolia*, Viv.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Boyle, John S. and David C. Wharton, 1956, 1957
- Diachun, Stephen and W.D. Valleau, 1954
- Holmes, Francis O., 1946
- V. tobacco ring spot
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
- Wingard, S.A., 1928
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- N. purpurea**
 V. vaccinium false blossom
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- N. quadrivalvis*, Pursh
 V. beet mosaic
 Bennett, C.W., 1949
- V. tobacco mosaic
 Doolittle, S.P. and F.S. Beecher, 1942
- V. tobacco ring spot
 Wingard, S.A., 1928
- V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- N. raimondii, Macbride
 V. tobacco mosaic
 Diachun, Stephen and W.D. Valleau, 1954
- Holmes, Francis O., 1946
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- N. repanda*, Willd.
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1940, 1941
- V. cucumber mosaic
 Nienow, Inez, 1948
- V. nicotiana glutinosa root necrosis *
 Cetas, Robert C. and A. Frank Ross, 1952
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Adsuar, J. and L. Lopez Matos, 1955
- Diachun, Stephen and W.D. Valleau, 1954
- Holmes, Francis O., 1946
- V. tobacco ring spot
 Wingard, S.A., 1928
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- V. turnip mosaic
 LeBeau, Francis J. and J.C. Walker, 1945
- N. rotundifolia*, Lindl.
 V. tobacco mosaic
 Diachun, Stephen and W.D. Valleau, 1954
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- N. rusbyi*, Britton, ex Rusby
 V. tobacco mosaic
 Kunkel, L.O., 1932
- N. rustica*, L.
 V. anemone mosaic *
 Hollings, M., 1957
- V. aster yellows
 Johnson, Folke, 1941
- Kunkel, L.O., 1930
- Raymer, W.B., 1956
- Self, R.L. and H.M. Darling, 1949
- Younkin, S.G., 1943
- V. bean yellow mosaic
 Thomas, H. Rex and W.J. Zaumeyer, 1953
- Zaumeyer, W.J., 1952
- Zaumeyer, W.J. and H.H. Fisher, 1953
- V. beet curly top
 Fulton, Robert W., 1955
- Lackey, C.F., 1929
- Severin, Henry H.P., 1929
- V. beet ring spot *
 Harrison, B.D., 1957
- V. cabbage black ring spot
 Hamlyn, Brenda M.G., 1953
- V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1940, 1941
- V. chilli (pepper) mosaic
 Dale, W.T., 1954
- V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
- V. chrysanthemum latent *
 Hollings, M., 1957
- V. cucumber mosaic
 Doolittle, S.P. and W.J. Zaumeyer, 1953
- Govier, D.A., 1957
- Johnson, E.M., 1930
- Johnson, J., 1926, 1927
- Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
- Pound, Glenn S. and J.C. Walker, 1948
- V. datura distortion mosaic
 Capoor, S.P. and P.M. Varma, 1952
- V. dodder latent mosaic
 Bennett, C.W., 1944, 1949
- V. henbane mosaic
 Bradley, R.H.E., 1952
- V. lovage mosaic
 Smith, Kenneth M. and Roy Markham, 1944
- V. lucerne mosaic
 Berkeley, G.H., 1947
- Kreitlow, K.W. and W.C. Price, 1948, 1949
- Oswald, John W., 1950
- Price, W.C., 1940

- Nicotiana rustica*, L. (cont.)
- V. lucerne mosaic
 - Thomas, H. Rex, 1951
 - Zaumeyer, W.J., 1953
 - V. lucerne witches' broom
 - Helms, Katie, 1957
 - V. petunia mosaic
 - Johnson, J., 1926, 1927
 - V. potato leaf roll
 - Webb, R.E., R.H. Larson and J.C. Walker, 1952
 - V. potato stunt
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. potato X
 - Larson, R.H., 1943, 1944, 1947
 - Larson, R.H. and R.C. Ladeburg, 1949
 - Thompson, A.D., 1956
 - Timian, Roland G., W.J. Hooker and C.E. Peterson, 1955
 - Vasudeva, R. Sahai and T.B. Lal, 1944
 - V. potato Y
 - Johnson, E.M., 1930
 - Johnson, James, 1927
 - Koch, K.L., 1933
 - Oswald, John W., 1948
 - Roque, Arturo and Jose Adsuar, 1941
 - Sakimura, K., 1953
 - Smith, Kenneth M. and R.W.G. Dennis, 1940
 - Vasudeva, R. Sahai and T.B. Lal, 1945
 - V. potato yellow dwarf
 - Black, L.M., 1938, 1940, 1943
 - Hougas, R.W., 1951
 - Price, W.C. and L.M. Black, 1941
 - Younkin, S.G., 1943
 - V. raspberry Scottish leaf curl
 - Cadman, C.H., 1956
 - Harrison, B.D., 1958
 - Lister, R.M., 1958
 - V. raspberry yellow dwarf *
 - Harrison, B.D., 1958
 - Lister, R.M., 1958
 - V. red currant ring spot
 - Klessner, P.J., 1951
 - V. rose mosaic
 - Fulton, Robert W., 1952
 - V. sweet potato mosaic
 - Elmer, O.H., 1957
 - V. tobacco broad ring spot
 - Johnson, James and Robert W. Fulton, 1942
 - V. tobacco coarse etch
 - Johnson, E.M., 1930
 - V. tobacco etch
 - Holmes, Francis O., 1946
 - Johnson, E.M., 1930
 - V. tobacco green mosaic
 - Peterson, Paul D. and H.H. McKinney, 1938
 - V. tobacco leaf curl
 - Pal, B.P. and R.K. Tandon, 1937
 - V. tobacco mosaic
 - Allard, H.A., 1914-15, 1916
 - Boyle, John S. and David C. Wharton, 1956, 1957
 - Caldwell, John, 1932
 - Das, C.R. and S.P. Raychaudhuri, 1953
 - Diachun, Stephen and W.D. Valleau, 1954
 - Doolittle, S.P. and F.S. Beecher, 1942
 - Fernow, Karl Hermann, 1925
 - Holmes, Francis O., 1929, 1934, 1946
 - Jensen, J.H., 1933
 - Johnson, E.M., 1930
 - Johnson, J., 1926, 1927
 - Kunkel, L.O., 1932
 - McKinney, H.H., 1935
 - Peterson, Paul D. and H.H. McKinney, 1938
 - Stover, R.H., 1951
 - V. tobacco necrosis
 - Price, W.C., 1938
 - Price, W.C., Frank P. McWhorter and Betty H. Steranka, 1950
 - V. tobacco ring spot
 - Grogan, R.G., Roy Bardin and W.C. Schnathorst, 1954
 - Grogan, R.G. and W.C. Schnathorst, 1955
 - Johnson, E.M., 1930
 - Pound, Glenn S., 1949
 - Wingard, S.A., 1928
- N. rustica*, L. (cont.)
- V. tobacco ring spot no. 2
 - Hildebrand, E.M., 1941, 1942
 - V. tobacco streak
 - Diachun, Stephen, 1947
 - Diachun, Stephen and W.D. Valleau, 1950, 1954
 - Johnson, J., 1936
 - Price, W.C. and L.M. Black, 1941
 - Thomas, H. Rex and W.J. Zaumeyer, 1950
 - V. tobacco yellow dwarf
 - Hill, A.V. and M. Mandryk, 1954
 - V. tomato aspermy
 - Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 - Hollings, M., 1955
 - V. tomato big bud
 - Helms, Katie, 1957
 - V. tomato black ring
 - Harrison, B.D., 1958
 - V. tomato shoestring *
 - Doering, G.R., W.C. Price and S.B. Fenne, 1957
 - V. tomato spotted wilt
 - Black, L.M., M.K. Brakke and A.E. Vatter, 1952
 - Gardner, M.W. and O.C. Whipple, 1934
 - Smith, Kenneth M., 1932
 - Tompkins, C.M. and M.W. Gardner, 1934
 - V. turnip crinkle
 - Lister, R.M., 1958
 - V. turnip mosaic
 - LeBeau, Francis J. and J.C. Walker, 1945
 - Pound, Glenn S. and Lewis G. Weathers, 1953
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - V. vaccinium false blossom
 - Kunkel, L.O., 1945
 - N. rustica var. humulis, Schrank *
 - V. delphinium ring spot
 - Severin, Henry H.P. and R.C. Dickson, 1942
 - V. radish mosaic
 - Tompkins, C.M., 1939
 - N. rustica var. jamaicensis *
 - V. dodder latent mosaic
 - Bennett, C.W., 1944
 - V. potato yellow dwarf
 - Black, L.M., 1938
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - N. rustica var. pumila *
 - V. dodder latent mosaic
 - Bennett, C.W., 1944
 - V. potato yellow dwarf
 - Black, L.M., 1938
 - N. sanderae, W. Wats. (N. alata, Link & Otto x N. forgetiana, Sander)
 - V. chilli (pepper) mosaic
 - Dale, W.T., 1954
 - V. cucumber mosaic
 - Wellman, F.L., 1935
 - V. lucerne mosaic
 - Price, W.C., 1940
 - V. potato X
 - Smith, J. Henderson, 1928
 - V. potato yellow dwarf
 - Black, L.M., 1938
 - V. tobacco etch
 - Holmes, Francis O., 1946
 - V. tobacco mosaic
 - Holmes, Francis O., 1929, 1934, 1946
 - V. tobacco ring spot
 - Stover, R.H., 1951
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - V. tomato spotted wilt
 - Gardner, M.W. and O.C. Whipple, 1934
 - V. turnip mosaic
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - N. sanderae x N. langsdorffii, Weinm.
 - V. tobacco mosaic
 - Holmes, F.O., 1934
 - N. sanderae (mottling) x N. sanderae (necrotic)
 - V. tobacco mosaic
 - Holmes, F.O., 1934

- Nicotiana setchellii*, Goodspeed
 V. tobacco mosaic
 Diachun, Stephen and W.D. Valleau, 1954
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- N. solanifolia*, Walp.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- N. spp.*
 V. *prunus* B *
 Fulton, Robert W., 1957
- V. tobacco etch
 Bawden, F.C. and B. Kassanis, 1941
- V. tobacco streak
 Fulton, Robert W., 1948
- N. stocktoni*, Brandegee, in *Erythea*
 V. tobacco mosaic
 Diachun, Stephen and W.D. Valleau, 1954
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- N. suaveolens*, Lehm.
 V. tobacco mosaic
 Diachun, Stephen and W.D. Valleau, 1954
- Holmes, F.O., 1934
- Kunkel, L.O., 1932
- V. tobacco ring spot
 Wingard, S.A., 1928
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- V. tobacco yellow dwarf
 Hill, A.V. and M. Mandryk, 1954
- V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- N. sylvestris*, Speg. & Comes
 V. bean yellow mosaic
 Thomas, H. Rex and W.J. Zaumeyer, 1953
- V. chilli (pepper) mosaic
 Dale, W.T., 1954
- V. cucumber mosaic
 Govier, D.A., 1957
- Nienow, Inez, 1948
- Wellman, F.L., 1935
- V. datura distortion mosaic
 Capoor, S.P. and P.M. Varma, 1952
- V. lovage mosaic
 Smith, Kenneth M. and Roy Markham, 1944
- V. lucerne mosaic
 Dykstra, T.P., 1939
- Price, W.C., 1940
- V. potato A
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- Dykstra, T.P., 1939
- MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- V. potato aucuba mosaic
 Dykstra, T.P., 1939
- V. potato X
 Dennis, R.W.G., 1939
- Vasudeva, R. Sahai and T.B. Lal, 1944
- V. potato Y
 Dykstra, T.P., 1939
- Vasudeva, R. Sahai and T.B. Lal, 1945
- V. potato yellow dwarf
 Black, L.M., 1938
- V. red currant ring spot
 Klessner, P.J., 1951
- V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco green mosaic
 Peterson, Paul D. and H.H. McKinney, 1938
- V. tobacco green ring spot *
 Price, W.C., 1936
- V. tobacco leaf curl
 Vasudeva, R.S. and J. Sam Raj, 1948
- V. tobacco mosaic
 Boyle, John S. and David C. Wharton, 1956, 1957
- Conover, Robert A. and Robert W. Fulton, 1953
- Diachun, Stephen and W.D. Valleau, 1954
- Doolittle, S.P. and F.S. Beecher, 1942
- N. sylvestris*, Speg. & Comes (cont.)
- V. tobacco mosaic
 Dykstra, T.P., 1939
- Fulton, Robert W., 1951
- Holmes, F.O., 1934, 1941, 1946
- Jensen, J.H., 1933, 1936, 1937
- Kunkel, L.O., 1932, 1934
- McKinney, H.H., 1935, 1952
- Norval, I.P., 1938
- Peterson, Paul D. and H.H. McKinney, 1938
- Price, W.C. and S.B. Fenne, 1951
- Raychaudhuri, S.P., 1952
- Siegel, Albert and Sam G. Wildman, 1954
- Stover, R.H., 1951
- Weber, Paul V.V., 1951
- V. tobacco necrosis
 Price, W.C., 1940
- Price, W.C., Frank P. McWhorter and Betty H. Steranka, 1950
- V. tobacco ring spot
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
- Fromme, F.D., S.A. Wingard and C.N. Priode, 1927
- Price, W.C., 1936
- Wingard, S.A., 1928
- V. tobacco ring spot no. 2
 Hildebrand, E.M., 1942
- Price, W.C., 1936
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- V. tobacco vein distorting
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco yellow mosaic
 McKinney, H.H., 1935
- V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- V. tomato black ring
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tomato shoestring *
 Doering, G.R., W.C. Price and S.B. Fenne, 1957
- V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. turnip mosaic
 LeBeau, Francis J. and J.C. Walker, 1945
- Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- N. tabacum*, L.
- V. abutilon infectious variegation
 Bird, Julio, 1958
- V. anemone latent *
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. anemone mosaic *
 Hollings, M., 1957
- V. apple mosaic
 Fulton, Robert W., 1956
- Yarwood, C.E., 1955, 1957
- Yarwood, C.E. and H.E. Thomas, 1954
- V. arabis mosaic
 Smith, Kenneth M. and Roy Markham, 1944
- V. atropa belladonna mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. barley stripe mosaic
 McKinney, H.H., 1951
- V. bean yellow mosaic
 Thomas, H. Rex and W.J. Zaumeyer, 1953
- Zaumeyer, W.J., 1952
- Zaumeyer, W.J. and H.H. Fisher, 1953
- V. beet curly top
 Bennett, C.W., 1934, 1937, 1944, 1951
- Bennett, C.W. and A.S. Costa, 1949
- Bennett, C.W. and Aziz Tanrisever, 1957
- Costa, A.S., 1952
- Fulton, Robert W., 1955
- Giddings, N.J., 1938, 1944, 1947, 1954
- Lackey, C.F., 1941
- Price, W.C., 1943
- Severin, Henry H.P., 1929
- V. beet mosaic
 Hoggan, Isme A., 1934
- Severin, Henry H.P. and Roger M. Drake, 1948
- V. beet ring spot *
 Harrison, B.D., 1957

- Nicotiana tabacum, L. (cont.)
 V. brome mosaic
 McKinney, H.H., 1944, 1953
 V. cabbage black ring spot
 Bawden, F.C., Brenda M.G. Hamlyn and Marion A. Watson, 1954
 Broadbent, L., 1954
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Hamlyn, Brenda M.G., 1953
 Hollings, M., 1957
 Pound, Glenn S., 1952
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1937, 1938
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1940, 1941
 V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1955, 1957
 Kassanis, B., 1955
 V. carrot motley dwarf
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. cauliflower mosaic
 Broadbent, L., 1954
 Pound, Glenn S., 1952
 V. celery mosaic
 Doolittle, S.P., 1931
 Doolittle, S.P. and F.L. Wellman, 1934
 Nolla, J.A.B., 1934
 Price, W.C., 1936
 V. chilli (pepper) mosaic
 Dale, W.T., 1954
 Ferguson, I.A.C., 1951
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. chilli veinbanding
 Simons, John N., 1956
 V. chrysanthemum latent *
 Hollings, M., 1957
 V. clover big vein
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. crucifer ring spot *
 Smith, Kenneth M., 1935
 V. cucumber green mottle mosaic
 Ainsworth, G.C., 1935
 Storey, I.F., 1939
 Vasudeva, R.S. and T.K. Nariani, 1952
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 Ainsworth, G.C., 1938, 1940
 Anderson, C.W., 1951, 1955
 Bennett, C.W., 1944
 Berkeley, G.H., 1951, 1953
 Berkeley, G.H. and J.H. Tremaine, 1954
 Bhargava, K.S., 1951
 Black, L.M. and W.C. Price, 1940
 Bridgmon, G.H. and J.C. Walker, 1952
 Brierley, Philip, 1939, 1940, 1951
 Brierley, Philip and S.P. Doolittle, 1940
 Burnett, G., 1934
 Costa, A.S., 1944
 Diachun, Stephen, 1952
 Doncaster, J.P. and B. Kassanis, 1946
 Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
 Dykstra, T.P., 1939
 Fulton, Joseph P., 1950
 Fulton, Robert W., 1941, 1953
 Govier, D.A., 1957
 Hagedorn, D.J. and J.C. Walker, 1954
 Harrison, B.D., 1958
 Harter, L.L., 1936, 1938
 Hoggan, Isme A., 1927, 1930, 1933, 1934, 1935
 Johnson, E.M., 1930
 Johnson, J., 1926, 1927, 1933
 Kassanis, B., 1947
 Larsh, Howard W. and J.R. Shay, 1945
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Magee, C.J.P., 1940
 McKinney, H.H., 1943
 Nariani, T.K. and Nirmaljit Singh, 1952
 Nienow, Inez, 1948
 Nolla, J.A.B., 1934
 Pound, Glenn S. and J.C. Walker, 1948
 Price, W.C., 1934, 1936, 1937, 1941
 Silberschmid, K., 1955
 Sill, Webster H., Jr., 1951
 Sill, W.H., Jr. and J.C. Walker, 1952
- N. tabacum, L. (cont.)
 V. cucumber mosaic
 Simons, John N., 1955, 1957
 Smith, Floyd F. and Philip Brierley, 1944
 Smith, Kenneth M., 1935
 Valleau, W.D., 1935
 Wellman, F.L., 1934, 1935
 Whipple, O.C. and J.C. Walker, 1938, 1941
 Wilkinson, R.E., 1953
 V. datura distortion mosaic
 Capoor, S.P. and P.M. Varma, 1952
 V. delphinium disease *
 Valleau, W.D., 1932
 V. delphinium ring spot
 Severin, Henry H.P. and R.C. Dickson, 1942
 V. dodder latent mosaic
 Bennett, C.W., 1944, 1949
 V. eggplant mosaic
 Dale, W.T., 1954
 V. elm mosaic
 Moore, J. Duain and E.H. Varney, 1954
 Varney, E.H. and J. Duain Moore, 1952
 V. eryngium chlorosis *
 Johnson, James, 1946
 V. eryngium yellow mosaic *
 Johnson, James and Edith M. Hein, 1948
 V. henbane mosaic
 Bawden, F.C., Brenda M.G. Hamlyn and Marion A. Watson, 1954
 Bradley, R.H.E., 1952
 Doncaster, J.P. and B. Kassanis, 1946
 Hamilton, Marion A., 1932
 Sheffield, F.M.L., 1936, 1938
 Watson (Hamilton), Marion A., 1937
 V. hydrangea ring spot
 Brierley, Philip and Floyd F. Smith, 1952
 V. iris ring spot *
 Travis, R.V., 1957
 V. jatropha mosaic *
 Bird, Julio, 1957
 V. laburnum vein mosaic *
 Brierley, Philip and Floyd F. Smith, 1954
 V. lovage mosaic
 Smith, Kenneth M. and Roy Markham, 1944
 V. lucerne mosaic
 Berkeley, G.H., 1947
 Black, L.M. and W.C. Price, 1940
 Houston, Byron R. and John W. Oswald, 1951, 1953
 Johnson, E.M., 1946
 Kreitlow, K.W. and W.C. Price, 1948, 1949
 Oswald, John W., 1950
 Pierce, W.H., 1934
 Richardson, D.E. and T.W. Tinsley, 1956
 Severin, Henry H.P., 1942
 Swenson, K.G., 1952
 Thomas, H. Rex, 1951, 1953
 Thomas, H. Rex and W.J. Zaumeyer, 1950
 Zaumeyer, W.J., 1938, 1953
 V. lucerne witches' broom
 Helms, Katie, 1957
 V. nicotiana glauca light green mosaic *
 McKinney, H.H., 1929
 V. nicotiana glauca mild dark green mosaic *
 McKinney, H.H., 1929
 V. nicotiana glauca yellow mosaic *
 McKinney, H.H., 1929
 V. nicotiana glutinosa mosaic *
 Walker, M.N., 1925
 V. pea die back *
 Zaumeyer, W.J., 1939
 V. pea stem streak *
 Zaumeyer, W.J., 1939
 V. pea streak
 Kim, Woon S. and D.J. Hagedorn, 1957
 V. peach yellow bud mosaic
 Karle, Harry P., 1957
 Yarwood, C.E., 1956
 V. petunia mosaic
 Johnson, J., 1926, 1927
 V. plantago mosaic
 McKinney, H.H., 1943
 V. potato A
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956

- Nicotiana tabacum*, L. (cont.)
- V. potato A
 Bawden, F.C., 1936
 Bawden, F.C. and F.M.L. Sheffield, 1944
 Dykstra, T.P., 1936, 1939
 Dykstra, T.P. and W.C. Whitaker, 1938
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 Valleau, W.D. and E.M. Johnson, 1930
 Vasudeva, R. Sahai and C.S. Ramamoorthy, 1946
- V. potato aucuba mosaic
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 Black, L.M. and W.C. Price, 1940
 Dennis, R.W.G., 1939
 Dykstra, T.P., 1939
- V. potato leaf roll
 Webb, R.E., R.H. Larson and J.C. Walker, 1952
- V. potato necrotic *
 Schultz, E.S. and W.P. Raleigh, 1933
- V. potato rosette
 Hutton, E.M. and C.E.W. Oldaker, 1949
- V. potato stem mottle
 Harrison, B.D., 1957
 Van der Want, J.P.H., 1955
- V. potato stunt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. potato witches' broom
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Young, P.A., 1929
- V. potato X
 Ainsworth, G.C., 1933, 1934
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 Bawden, F.C., 1936
 Bawden, F.C. and F.M.L. Sheffield, 1944
 Black, L.M. and W.C. Price, 1940
 Blodgett, F.M., 1927
 Burnett, Grover and Leon K. Jones, 1931
 Cockerham, George, 1943
 Dennis, R.W.G., 1939
 Dykstra, T.P., 1939
 Folsom, Donald and Reiner Bonde, 1937
 Fulton, Robert W., 1941
 Hamilton, Marion A., 1932
 Hoggan, Isme A., 1927
 Hollings, M., 1955
 Johnson, E.M., 1930
 Johnson, James, 1925, 1926, 1927
 Koch, K.L., 1933
 Koch, Karl and James Johnson, 1935
 Larson, R.H., 1943, 1944, 1947
 Larson, R.H. and R.C. Ladeburg, 1949
 Matthews, R.E.F., 1949
 Nolla, J.A.B., 1934
 Price, W.C., 1936
 Quanjer, H.M., 1933
 Roberts, Daniel A., 1952
 Roberts, F.M., 1948
 Smith, J. Henderson, 1928
 Smith, Kenneth M., 1930
 Thompson, A.D., 1956
 Timian, Roland G., W.J. Hooker and C.E. Peterson, 1955
 Valleau, W.D. and E.M. Johnson, 1930
 Vasudeva, R. Sahai and T.B. Lal, 1944
 Walters, H.J., 1952
- V. potato Y
 Alvarez-Garcia, L.A. and Jose Adsuar, 1943
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 Bald, J.G. and D.O. Norris, 1945
 Bawden, F.C., 1936
 Bawden, F.C. and B. Kassanis, 1946, 1947, 1951
 Bawden, F.C. and F.M.L. Sheffield, 1944
 Burnett, Grover and Leon K. Jones, 1931
 Cockerham, George, 1943
 Conover, Robert A. and Robert W. Fulton, 1953
 Corbett, M.K., 1955
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
 Doncaster, J.P. and B. Kassanis, 1946
 Dykstra, T.P., 1936, 1939
 Easton, G.D., R.H. Larson and R.W. Hougas, 1958
- N. tabacum, L. (cont.)
- V. potato Y
 Hamilton, Marion A., 1932
 Hoggan, Isme A., 1927
 Johnson, E.M., 1930
 Johnson, James, 1927
 Jones, Leon K. and C.L. Vincent, 1937
 Kassanis, B., 1942
 Koch, K.L., 1933
 Koch, Karl and James Johnson, 1935
 Larson, R.H., 1947
 Larson, R.H. and J.F. Darby, 1951
 McKinney, H.H., 1943
 Nolla, J.A.B., 1934
 Oswald, John W., 1948
 Peterson, Paul D. and H.H. McKinney, 1938
 Price, W.C., 1936
 Richardson, D.E., 1958
 Roque, Arturo and Jose Adsuar, 1941
 Ross, A. Frank, 1950, 1953
 Sakimura, K., 1953
 Simons, J.N., Robert A. Conover and James M. Walter, 1956
 Smith, Kenneth M. and R.W.G. Dennis, 1940
 Valleau, W.D. and E.M. Johnson, 1930
 Vasudeva, R. Sahai and T.B. Lal, 1945
 Watson (Hamilton), Marion A., 1937, 1956
- V. potato yellow dwarf
 Black, L.M., 1938
- V. prunus *
 Varney, E.H. and J. Duain Moore, 1954
- V. prunus A *
 Ehlers, Clifford G. and J. Duain Moore, 1957
 Fulton, Robert W., 1957
- V. prunus B *
 Ehlers, Clifford G. and J. Duain Moore, 1957
 Fulton, Robert W., 1956, 1957
- V. prunus E *
 Ehlers, Clifford G. and J. Duain Moore, 1957
- V. prunus G *
 Fulton, Robert W., 1957
- V. radish mosaic
 Tompkins, C.M., 1939
- V. ranunculus mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. raspberry Scottish leaf curl
 Cadman, C.H., 1956
 Harrison, B.D., 1957, 1958
 Lister, R.M., 1958
- V. raspberry yellow dwarf *
 Harrison, B.D., 1958
 Lister, R.M., 1958
- V. red currant ring spot
 Klesser, P.J., 1951
- V. sunflower mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. sweet clover new *
 Henderson, R.G., 1934
- V. sweet potato mosaic
 Elmer, O.H., 1957
- V. tobacco bergerac ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco broad ring spot
 Fulton, Robert W., 1941
 Johnson, James and Robert W. Fulton, 1940, 1942
- V. tobacco broken ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Smith, Kenneth M. and Roy Markham, 1944
- V. tobacco coarse etch
 Johnson, E.M., 1930
- V. tobacco etch
 Anderson, C.W., 1954
 Bawden, F.C. and B. Kassanis, 1941
 Bennett, C.W., 1944
 Doncaster, J.P. and B. Kassanis, 1946
 Fulton, Robert W., 1941
 Holmes, Francis O., 1941, 1942, 1946
 Johnson, E.M., 1930
 Price, W.C., 1936
 Stover, R.H., 1951
 Valleau, W.D., 1935
- V. tobacco green mosaic
 Dufrenoy, J., 1933
 Peterson, Paul D. and H.H. McKinney, 1938

- Nicotiana tabacum, L. (cont.)
 V. tobacco green ring spot *
 Price, W.C., 1936
 Valleau, W.D., 1935
 V. tobacco leaf curl
 Bird, Julio, 1957
 Kerling, L.C.P., 1933
 Nariani, T.K., 1956
 Nariani, T.K. and P.S. Pathanian, 1953
 Pal, B.P. and R.K. Tandon, 1937
 Pruthi, Hem Singh and C.K. Samuel, 1937, 1939, 1941
 Vasudeva, R.S. and J. Sam Raj, 1948
 V. tobacco leaf curl-like disease *
 Morgan, O.D. and H.H. McKinney, 1951
 V. tobacco leaf roll disease *
 Goenaga, Alvaro, 1945
 V. tobacco mosaic
 Ainsworth, G.C., 1933, 1937
 Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 Allard, H.A., 1914-15, 1915, 1916, 1917
 Bawden, F.C. and F.M. Roberts, 1948
 Beale, Helen P., 1933
 Bennett, C.W., 1944
 Berkeley, G.H., 1927, 1951
 Best, Rupert J. and Geoffrey Samuel, 1936
 Boyle, John S. and David C. Wharton, 1956, 1957
 Caldwell, John, 1932
 Conover, Robert A. and Robert W. Fulton, 1953
 Costa, A.S., 1944
 Cox, C.E. and L.O. Weaver, 1950
 Dale, W.T., 1954
 Das, C.R. and S.P. Raychaudhuri, 1953
 Diachun, Stephen and W.D. Valleau, 1954
 Doolittle, S.P. and F.S. Beecher, 1942
 Dufrenoy, J., 1933
 Fernow, Karl Hermann, 1925
 Fulton, Robert W., 1941
 Gutierrez, Mariano E., 1954
 Gutierrez, Mariano E., Julian Agati and Serapion Bayubay, 1950
 Henderson, R.G., 1950
 Hoggan, Isme A., 1927, 1934
 Holmes, F.O., 1934, 1936, 1941, 1946, 1953
 Jarrett, Phyllis H., 1930
 Jensen, J.H., 1933, 1936, 1937
 Johnson, E.M., 1930
 Johnson, Folke, 1941
 Johnson, J., 1926, 1927
 Jones, Leon K., 1940
 Kassanis, B. and Ireson W. Selman, 1947
 Kunkel, L.O., 1932
 McKinney, H.H., 1935, 1939, 1943, 1952
 McMurtrey, J.E., Jr., 1928, 1929
 Nagaich, B.B. and H.H. Thornberry, 1957
 Nolla, J.A.B., 1934
 Nollan, J.A.B., John Simon Guggenheim and Arturo Roque, 1933
 Norval, I.P., 1938
 Perez, J. Enrique, J. Adsuar and Orlando Sala, 1956
 Peterson, Paul D. and H.H. McKinney, 1938
 Pierce, W.H., 1934
 Price, W.C., 1936
 Price, W.C. and S.B. Fenne, 1951
 Purdy, Helen A., 1927
 Quanjer, H.M., 1920, 1933
 Raychaudhuri, S.P., 1952
 Roberts, Daniel A., 1952
 Schwarze, C.A., 1914
 Sheffield, F.M.L., 1931, 1936
 Siegel, Albert and Sam G. Wildman, 1954
 Smith, J. Henderson, 1933
 Smith, Kenneth M., 1935
 Spencer, E.L., 1935, 1937
 Stover, R.H., 1951
 Stover, W.G., 1928
 Stover, W.G. and M.T. Vermillion, 1933
 Valleau, W.D., 1935
 Valleau, W.D. and E.M. Johnson, 1935, 1943
 Vanterpool, T.C., 1926
 Walker, M.N., 1926
 Walters, H.J., 1952
- N. tabacum, L. (cont.)
 V. tobacco mosaic
 Weber, Paul V.V., 1951
 Woods, M.W. and Richard V. Eck, 1948
 V. tobacco mottle
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tobacco necrosis
 Bawden, F.C. and B. Kassanis, 1947
 Bawden, F.C. and F.M. Roberts, 1948
 Frazier, Norman W., 1955
 Fulton, Robert W., 1950
 Fulton, J.P., 1952
 Kassanis, B., 1949, 1955
 Price, W.C., 1938
 Price, W.C., Frank P. McWhorter and Betty H. Steranka, 1950
 Price, W.C. and Ralph W.G. Wyckoff, 1939
 V. tobacco ring spot
 Allington, William B., 1946
 Anderson, C.W., 1954
 Benedict, W.G., 1955
 Berkeley, G.H., 1951, 1953
 Bridgmon, G.H. and J.C. Walker, 1952
 Brierley, Philip, 1952
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 Cook, A.A., 1956
 Cooper, W.E., 1949
 Dunleavy, John M., 1957
 Fenne, S.B., 1931
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Fromme, F.D., S.A. Wingard and C.N. Priode, 1927
 Fulton, Robert W., 1941
 Grogan, R.G., Roy Bardin and W.C. Schnathorst, 1954
 Grogan, R.G. and W.C. Schnathorst, 1955
 Harrison, B.D., 1957
 Henderson, R.G. and S.A. Wingard, 1931
 Hoggan, I.A., 1933
 Johnson, E.M., 1930
 Kahn, Robert P. and Frances M. Latterell, 1955
 LeBeau, F.J., 1947
 McKinney, H.H., 1943
 McKinney, H.H. and E.E. Clayton, 1944
 Nolla, J.A.B., 1934
 Pierce, W.H., 1934
 Pound, Glenn S., 1949
 Price, W.C., 1936
 Roberts, Daniel A., 1952
 Rosberg, David W., 1953
 Shepherd, Robert J. and F. Ben Struble, 1956
 Smith, Kenneth M., 1929, 1935
 Starr, Chester K. and W.E. Cooper, 1944
 Steere, Russell L., 1956
 Stubbs, M.W., 1937
 Tall, M.G., W.C. Price and Kenneth Wertman, 1949
 Travis, R.V. and Philip Brierley, 1957
 Valleau, W.D., 1932, 1935, 1941
 Walters, H.J., 1952
 Wingard, S.A., 1928
 V. tobacco ring spot no. 2
 Brierley, Philip, 1954
 Hildebrand, E.M., 1941, 1942
 Price, W.C., 1936
 Tall, M.G., W.C. Price and Kenneth Wertman, 1949
 V. tobacco streak
 Costa, A.S., 1945, 1952
 Diachun, Stephen, 1947
 Diachun, Stephen and W.D. Valleau, 1950, 1954
 Fulton, Robert W., 1941, 1956
 Johnson, J., 1936
 Thomas, H. Rex and W.J. Zaumeyer, 1950
 V. tobacco stunt *
 Hidaka, Zyun, Tetsuo Uozumi and Chuji Hiruki, 1956
 V. tobacco vein distorting
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tobacco yellow dwarf
 Hill, A.V., 1950
 Hill, A.V. and M. Mandryk, 1954
 V. tomato aspermy
 Blencowe, J.W. and John Caldwell, 1949

- Nicotiana tabacum*, L. (cont.)
- V. tomato aspermy
 - Brierley, Philip, 1955
 - Brierley, Philip and Floyd F. Smith, 1953
 - Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1953, 1955
 - Hollings, M., 1955
 - Ocfemia, G.O., 1956
 - V. tomato big bud
 - Helms, Katie, 1957
 - Hill, A.V. and M. Mandryk, 1954
 - V. tomato black ring
 - Harrison, B.D., 1958
 - V. tomato bunchy top
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. tomato bushy stunt
 - Smith, Kenneth M., 1935
 - V. tomato filiform leaf disease *
 - Schwarze, C.A., 1914
 - V. tomato ring spot
 - Bennett, C.W., 1944
 - Brierley, Philip and Paul Lorentz, 1957
 - Brierley, Philip and Floyd F. Smith, 1953
 - Imle, E.P. and R.W. Samson, 1937
 - Kahn, Robert P. and Frances M. Latterell, 1955
 - Samson, R.W. and E.P. Imle, 1942
 - Varney, E.H. and J. Duain Moore, 1952
 - V. tomato sheostring *
 - Doering, G.R., W.C. Price and S.B. Fenne, 1957
 - V. tomato spotted wilt
 - Ainsworth, G.C., 1933
 - Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 - Bennett, C.W., 1944
 - Berkeley, G.H., 1935
 - Best, Rupert J. and Geoffrey Samuel, 1936
 - Black, L.M., M.K. Barkke and A.E. Vatter, 1952
 - Doolittle, S.P. and C.B. Summer, 1934
 - Ferguson, I.A.C., 1951
 - Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 - Gardner, M.W. and O.C. Whipple, 1934
 - Milbrath, J.A., 1939
 - Price, W.C., 1936
 - Sakimura, K., 1940
 - Shapovalov, M., 1934
 - Sherf, A.F., 1948
 - Smith, Kenneth M., 1931, 1932
 - Snyder, W.C. and H. Rex Thomas, 1936
 - Whipple, O.C., 1936
 - Yu, T.F., 1947
 - V. tomato V-52-1
 - Miller, Patrick M., 1953
 - V. tropaeolum mosaic
 - Silberschmidt, Karl, 1953
 - V. tropaeolum ring spot
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. tulip white streak
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. turnip crinkle
 - Broadbent, L. and G.D. Heathcote, 1958
 - Lister, R.M., 1958
 - V. turnip mosaic
 - Bennett, C.W., 1944
 - Berkeley, G.H. and J.H. Tremaine, 1954
 - Berkeley, G.H. and M. Weintraub, 1952
 - Dale, W.T., 1948
 - Hoggan, Isme A., 1934
 - Hoggan, I.A. and J. Johnson, 1935
 - LeBeau, Francis J. and J.C. Walker, 1945
 - Pound, Glenn S. and Lewis G. Weathers, 1953
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - V. vaccinium false blossom
 - Kunkel, L.O., 1945
 - V. watermelon mosaic
 - Pound, Glenn S., 1949
 - V. Yam mosaic *
 - Adsuar, J., 1955
 - N. *tabacum* var. *angustifolia*, *Comes*
 - V. tobacco broad ring spot
 - Johnson, James and Robert W. Fulton, 1942
 - N. *tabacum* var. *angustifolia*, *Comes* (cont.)
 - V. tobacco mosaic
 - Adsuar, J. and L. Lopez Matos, 1955
 - V. tomato spotted wilt
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - N. *tabacum* var. *atropurpurea*, Hort. *
 - V. lucerne witches' broom
 - Helms, Katie, 1957
 - V. tobacco mosaic
 - Weber, Paul V.V., 1951
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - V. tobacco yellow dwarf
 - Hill, A.V. and M. Mandryk, 1954
 - V. tomato big bud
 - Helms, Katie, 1957
 - N. *tabacum* var. *atropurpureum*, Hort. *
 - V. tomato spotted wilt
 - Norris, D.O., 1951
 - N. *tabacum* var. *auriculata* *
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - N. *tabacum* var. *brasiliensis*, *Comes*
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - N. *tabacum* var. *calyciflora*, L. *
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - N. *tabacum* var. *calycinia* *
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - N. *tabacum* var. *cavala* *
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - N. *tabacum* var. *colossea* *
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - N. *tabacum* var. *gigantea* *
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - N. *tabacum* var. *lacerata* *
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - N. *tabacum* var. *latissima*, (Mill.) Voss
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - N. *tabacum* var. *macrophylla*, Schrank
 - V. chilli (pepper) mosaic
 - Dale, W.T., 1954
 - Ferguson, I.A.C., 1951
 - V. tobacco mosaic
 - Ainsworth, G.C., 1933
 - Kunkel, L.O., 1932
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - V. turnip mosaic
 - Dale, W.T., 1948
 - N. *tabacum* var. *microphylla* *
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - N. *tabacum* var. *purpurea* *
 - V. tobacco mosaic
 - Kunkel, L.O., 1932
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - N. *tabacum* var. *purpurea* x *N. glutinosa*, L.
 - V. tobacco mosaic
 - Holmes, F.O., 1934
 - N. *tabacum* var. *sanguinea* *
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - N. *tabacum* x *N. glutinosa*, L.
 - V. cucumber mosaic
 - Bridgmon, G.H. and J.C. Walker, 1952
 - Sill, W.H., Jr. and J.C. Walker, 1952
 - V. datura distortion mosaic
 - Capoor, S.P. and P.M. Varma, 1952
 - V. *nicotiana glutinosa* mosaic *
 - Allard, H.A., 1916
 - V. tobacco mosaic
 - Costa, A.S., 1944
 - Fulton, Robert W., 1950
 - Holmes, F.O., 1934
 - Johnson, James, 1936, 1937

- Nicotiana tabacum*, L. x *N. glutinosa*, L. (cont.)
 V. tobacco mosaic
 McKinney, H.H. and Robert W. Fulton, 1949
 Walters, H.J., 1952
 V. tobacco streak
 Johnson, J., 1936
 V. turnip mosaic
 Hoggan, I.A. and J. Johnson, 1935
 LeBeau, Francis J. and J.C. Walker, 1945
- N. tabacum* x *N. longiflora*, Cav.
 V. tobacco mosaic
 Weber, Paul V.V., 1951
- N. tabacum* x *N. sylvestris*, Speg. & Comes
 V. tobacco mosaic
 Weber, Paul V.V., 1951
- N. tomentosa*, Ruiz & Pav.
 V. potato stem mottle
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, Francis O., 1946
 Weber, Paul V.V., 1951
- V. tobacco ring spot
 Wingard, S.A., 1928
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- N. tomentosiformis*, Goodspeed
 V. chilli (pepper) mosaic
 Adsuar, J. and L. Lopez Matos, 1955
- V. potato stem mottle
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco mosaic
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, Francis O., 1946
 Weber, Paul V.V., 1951
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- N. trigonophylla*, Dun.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, F.O., 1934, 1946
- V. tobacco ring spot
 Wingard, S.A., 1928
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. vaccinium false blossom
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- N. undulata*, Ruiz & Pav.
 V. chilli (pepper) mosaic
 Adsuar, J. and L. Lopez Matos, 1955
- V. potato yellow dwarf
 Black, L.M., 1938
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, Francis O., 1946
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- N. velutina*, Wheeler
 V. chilli (pepper) mosaic
 Adsuar, J. and L. Lopez Matos, 1955
- V. tobacco mosaic
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
- V. tobacco streak
 Diachun, Stephen and W.D. Valleau, 1954
- N. wigandoides*, Koch & Fint
 V. tobacco mosaic
 Holmes, Francis O., 1946.
- NIEREMBERGIA* Ruiz & Pav. 1794 (Solanaceae)
N. frutescens, Dur.
 V. clover big vein
 Black, L.M., 1945
- N. frutescens, Dur. (cont.)
 V. vaccinium false blossom
 Kunkel, L.O., 1945
- N. hippocomanica*, Miers
 V. prunus B *
 Fulton, Robert W., 1957
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- NIGELLA* ((Tourn.)) L. 1735 (Ranunculaceae)
N. damascena, L.
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
- V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- NITROPHILA* S. Wats. 1871 (Chenopodiaceae)
N. occidentalis, S. Wats.
 V. beet curly top
 Severin, Henry H.P. and Charles F. Henderson, 1928
- NOLANA* L. 1762 (Nolanaceae)
N. atriplicifolia, Hort. ex D. Don
 V. clover big vein
 Black, L.M., 1945
- N. lanceolata*, Miers
 V. potato leaf roll
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- NOTHOPanax* Miq., Seem. 1866 (Araliaceae)
N. guilfoylei, Merr.
 V. panax ring spot
 Aragaki, M. and H. Murakishi, and J.W. Hendrix, 1953
- NOTHOSCORDUM* Kunth 1843 (Liliaceae)
N. fragrans, (Vent.) Kunth
 V. nothoscordum mosaic
 McKinney, H.H., 1950
- ODONTOGLOSSUM* H. B. & K. 1815 (Orchidaceae)
O. grande, Lindl.
 V. orchid (odontoglossum) ring spot
 Jensen, D.D. and A. Herbert Gold, 1951, 1952
- OENANTHE* ((Tourn.)) L. 1735 (Umbelliferae)
O. sarmentosa, Presl ex DC.
 V. lucerne dwarf
 Freitag, J.H., 1951
- OENOTHERA* L. 1735 (Onagraceae)
O. biennis, L.
 V. tobacco streak
 Fulton, Robert W., 1948
- O. hookeri*, Torr. & Gray
 V. lucerne dwarf
 Freitag, J.H., 1951
- O. spp.*
 V. tobacco ring spot no. 2
 Wilkinson, R.E., 1952
- ONCIDIUM* Sw. 1800 (Orchidaceae)
O. rogers, Hort. *
 V. orchid (oncidium rogers) *
 Jensen, D.D. and A. Herbert Gold, 1952
- O. spp.*
 V. orchid (cymbidium) mosaic
 Jensen, D.D. and A.H. Gold, 1955
- ORNITHOGALUM* ((Tourn.)) L. 1735 (Liliaceae)
O. thyrsoides, Jacq.
 V. ornithogalum mosaic
 Smith, Floyd F. and Philip Brierley, 1944

- ORYZA* L. 1735 (Gramineae)
O. minuta, J. & C. Presl
 V. rice and corn leaf-gall *
 Agati, Julian A. and Carlos A. Calica, 1950
O. sativa, L.
 V. barley stripe mosaic
 Kahn, Robert P. and Ottie J. Dickerson, 1957
 McKinney, H.H., 1951
 V. brome mosaic
 Kahn, Robert P. and Ottie J. Dickerson, 1957
 V. oat pseudo-rosette
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. rice and corn leaf-gall *
 Agati, Julian A. and Carlos Calica, 1949
 V. rice dwarf
 Agati, Julian A., Pedro L. Sison and Roman Abalos, 1941
 V. rice stunt
 Katsura, S., 1936.
- ORYZOPSIS* Michx. 1803 (Gramineae)
O. hymenoides, (Roem. & Schult.) Ricker
 V. wheat streak mosaic
 McKinney, H.H. and Hurley Fellows, 1951
 Slykhuis, John T., 1954, 1955
- OXALIS* L. 1737 (Oxalidaceae)
O. corniculata, L.
 V. beet curly top
 Severin, Henry H.P., 1934
O. corniculata var. *atropurpurea*, Planch.
 V. beet curly top
 Severin, Henry H.P., 1934
O. spp.
 V. beet curly top
 Bennett, C.W. and A.S. Costa, 1949
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
O. stricta, L.
 V. beet curly top
 Starrett, Ruth C., 1929
- PAEONIA* ((Tourn.)) L. 1735 (Ranunculaceae)
P. officinalis, L.
 V. peony leaf curl *
 Brierley, Philip and Paul Lorentz, 1957
- P. spp.*
 V. peony ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- PAMBURUS* Swingle 1916 (Rutaceae)
P. missionis, Swingle
 V. citrus tristeza
 Knorr, L.C., 1956
- PANICUM* L. 1735 (Gramineae)
P. capillare, L.
 V. barley stripe mosaic
 Slykhuis, J.T., 1952
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
 V. panicum mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
 V. wheat streak mosaic
 Slykhuis, J.T., 1952, 1955
 V. wheat striate mosaic
 Slykhuis, J.T., 1952, 1953
P. dichotomiflorum, Michx.
 V. sugarcane mosaic
 Brandes, E.W., 1920
 Brandes, E.W. and Peter J. Klaphaak, 1923
- P. hallii*, Vasey
 V. panicum mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
- P. miliaceum*, L.
 V. barley stripe mosaic
 Slykhuis, J.T., 1952
 V. oat pseudo-rosette
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. panicum mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
- P. miliaceum*, L. (cont.)
 V. rice dwarf
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
 Slykhuis, John T., 1955
- P. ramosum*, L.
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- P. scribnorianum*, Nash
 V. panicum mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
- P. virgatum*, L.
 V. panicum mosaic *
 Sill, W.H., Jr., 1957
 Sill, W.H., Jr. and R.C. Pickett, 1957
- PAPAVER* Tourn. ex L. 1735 (Papaveraceae)
P. dubium, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- P. nudicaule*, L.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. cabbage black ring spot*
 Hamlyn, Brenda M.G., 1953
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
- V. tobacco mosaic*
 Holmes, Francis O., 1946
- P. orientale*, L.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. tobacco necrosis*
 Price, W.C., 1940
- V. tomato spotted wilt*
 Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
- P. rhoeas*, L.
 V. anemone mosaic *
 Hollings, M., 1957
- V. beet yellows*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Roland, G. and J. Tahon, 1961
- V. cabbage black ring spot*
 Hamlyn, Brenda M.G., 1953
- P. somniferum*, L.
 V. anemone mosaic *
 Hollings, M., 1957
- V. cabbage black ring spot*
 Hamlyn, Brenda M.G., 1953
 Hollings, M., 1957
- V. chrysanthemum latent **
 Hollings, M., 1957
- P. spp.*
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- PARTHENIUM* L. 1735 (Compositae)
P. argentatum, A. Gray
 V. tobacco mosaic
 Severin, Henry H.P., 1945
- V. tobacco ring spot*
 Severin, Henry H.P., 1945
- PARTHENOCISSUS* Planch. in DC. 1887 (Vitaceae)
P. tricuspidata, (Sieb. & Zucc.) Planch.
 V. lucerne dwarf
 Freitag, J.H., 1951
- PASPALUM* L. 1759 (Gramineae)
P. boscianum, Flugge
 V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
- P. conjugatum*, Bergius
 V. sugarcane mosaic
 Lawas, Orcencio M. and William L. Fernandez, 1949
- P. dilatatum*, Poir.
 V. lucerne dwarf
 Freitag, J.H., 1951

- PASSIFLORA L. 1735 (Passifloraceae)
- P. alba*, Link & Otto
 V. cucumber mosaic
 McKnight, T., 1953
- P. caerulea*, L.
 V. anemone mosaic *
 Hollings, M., 1957
- V. cabbage black ring spot*
 Hollings, M., 1957
- V. chrysanthemum B (mild mosaic) **
 Hollings, M., 1957
- V. cucumber mosaic*
 Nattrass, R.M., 1944
- P. edulis*, Sims
 V. cucumber mosaic
 McKnight, T., 1953
 Nattrass, R.M., 1944
- P. edulis f. flavicarpa* *
 V. cucumber mosaic
 McKnight, T., 1953
- P. foetida*, L.
 V. cucumber mosaic
 McKnight, T., 1953
- V. passiflora foetida mosaic **
 Jensen, D.D., 1949
- P. ligularis*, Juss.
 V. cucumber mosaic
 Nattrass, R.M., 1944
- P. pfordtii*, X Hort. ex Degener
 V. *passiflora* pfordti mosaic *
 Jensen, D.D., 1949
- P. suberosa*, L.
 V. cucumber mosaic
 McKnight, T., 1953
- P. subpetiata*, Ort.
 V. cucumber mosaic
 Nattrass, R.M., 1944
- PASTINACA L. 1737 (Umbelliferae)
- P. sativa*, L.
 V. aster yellows
 Severin, Henry H.P., 1932, 1934
 Severin, Henry H.P. and Julius H. Freitag, 1945
- V. celery mosaic
 Freitag, Julius H. and Henry H.P. Severin, 1945
- V. celery yellow spot
 Freitag, Julius H. and Henry H.P. Severin, 1945
- V. cucumber mosaic
 Wellman, F.L., 1935
- V. datura rugose leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. poison hemlock ring spot
 Freitag, Julius H. and Henry H.P. Severin, 1945
- V. tobacco ring spot no. 2
 Wilkinson, R.E., 1952
- V. vaccinium false blossom
 Kunkel, L.O., 1945
- PECTOCARYA DC. ex Meissn. 1840 (Boraginaceae)
- P. pusilla*, A. Gray
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- PELARGONIUM L'Herit. 1787 (Geraniaceae)
- P. domesticum*, Bailey
 V. filaree red leaf
 Anderson, Chris W., 1952
- P. hederaceum* *
 V. pelargonium leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- P. hortorum*, Bafley (X *P. zonale*, Willd.)
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- Severin, Henry H.P., 1939
- Severin, Henry H.P. and Julius H. Freitag, 1934
- V. cucumber mosaic
 Wellman, F.L., 1935
- V. lucerne dwarf
 Freitag, J.H., 1951
- V. pelargonium leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Jones, L.K., 1938, 1940
- V. pelargonium mosaic
 Jones, L.K., 1938, 1940
- P. *hortorum*, Bailey (*X P. zonale*, Willd.) (cont.)
- V. *pelargonium* ring spot *
 Hollings, M., 1957
- V. tobacco necrosis
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco ring spot no. 2
 Hildebrand, E.M., 1942
- Price, W.C., 1940
- P. peltatum*, Ait.
 V. *pelargonium* ring spot *
 Hollings, M., 1957
- P. spp.*
 V. *pelargonium* leaf curl
 McWhorter, Frank P., 1957
- PENNISETUM Rich. 1805 (Gramineae)
- P. clandestinum*, Hochst. ex Chiov.
 V. lucerne dwarf
 Freitag, J.H., 1951
- P. glaucum*, (L.) R. Br.
 V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
- P. purpureum*, Schumach.
 V. sugarcane chlorotic streak *
 Bruehl, G.W., 1953
- PENSTEMON
- (PENTSTEMON) Mitch. 1748 (Scrophulariaceae)
- P. barbatus*, Roth
 V. tobacco mosaic
 Grant, T.J., 1934
- P. grandiflorus*, Nutt.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- P. hirsutus*, (L.) Willd.
 V. tomato spotted wilt
 Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
- P. spp.*
 V. cucumber mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. lucerne mosaic
 Price, W.C., 1940
- V. tobacco necrosis
 Price, W.C., 1940
- V. tobacco ring spot
 Price, W.C., 1940
- V. tobacco ring spot no. 2
 Price, W.C., 1940
- PERSEA Plum. ex L. 1737 (Lauraceae)
- P. americana*, Mill.
 V. avocado pear sun blotch
 Horne, W.T. and E.R. Parker, 1931
- Stevens, H.E., 1939
- PETROSELINUM Hoffm. 1814 (Umbelliferae)
- P. crispum*, (Mill.) Nym.
 V. aster yellows
 Severin, H.H.P., 1930
- Severin, Henry H.P. and Julius H. Freitag, 1945
- V. peach western X disease
 Weathers, Lewis G. and George W. Cochran, 1950
- V. peach X disease
 Kunkel, L.O., 1944
- Slack, Derald A., 1952
- V. poison hemlock ring spot
 Freitag, Julius H. and Henry H.P. Severin, 1939, 1945
- P. crispum* var. *latifolium*, (Mill.) Nym.
 V. celery mosaic
 Freitag, Julius H. and Henry H.P. Severin, 1945
- V. poison hemlock ring spot
 Freitag, Julius H. and Henry H.P. Severin, 1945
- P. hortense*, Hoffm.
 V. aster yellows
 Severin, Henry H.P., 1932, 1934
- V. beet curly top
 Severin, Henry H.P., 1929
- V. celery mosaic
 Severin, Henry H.P. and Julius H. Freitag, 1938

- Petroselinum hortense, Hoffm. (cont.)
 V. cucumber mosaic
 Wellman, F. L., 1935
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. vaccinium false blossom
 Kunkel, L.O., 1945
 P. hortense var. crispum *
 V. aster yellows
 Severin, Henry H.P., 1932
 P. hortense var. radicosum, Bailey *
 V. aster yellows
 Severin, Henry H.P., 1932, 1934
 Severin, Henry H.P. and Julius H. Freitag, 1945
 V. poison hemlock ring spot
 Freitag, Julius H. and Henry H.P. Severin, 1945
- PETUNIA Juss. 1803 (Solanaceae)
 P. axillaris, (Lam.) BSP.
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
 P. hybrida, Vilm.
 V. anemone mosaic *
 Hollings, M., 1957
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
 V. beet curly top
 Bennett, C.W., Eubanks Carsner, F.H. Coons and E.W. Brandes, 1946
 Bennett, C.W. and Aziz Tanrisever, 1957
 Costa, A.S., 1952
 Freitag, Julius H. and Henry H.P. Severin, 1936
 Fulton, Robert W., 1955
 Severin, Henry H.P. and Julius H. Freitag, 1934
 V. beet ring spot *
 Harrison, B.D., 1957
 V. cabbage black ring spot
 Hamlyn, Brenda M.G., 1953
 Hollings, M., 1957
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1940, 1941
 V. chilli (pepper) mosaic
 Dale, W.T., 1954
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. chrysanthemum Q
 Brierley, Philip, 1955
 Brierley, Philip and Floyd F. Smith, 1953
 V. chrysanthemum vein mottle *
 Hollings, M., 1957
 V. cucumber mosaic
 Berkeley, G.H., 1953
 Berkeley, G.H. and J.H. Tremaine, 1954
 Burnett, G., 1934
 Dale, W.T., 1954
 Doolittle, S.P. and W.J. Zaumeyer, 1953
 Govier, D.A., 1957
 Harrison, B.D., 1958
 Harter, L.L., 1938
 Nariani, T.K. and Nirmaljit Singh, 1952
 Nienow, Inez, 1948
 Pound, Glenn S. and J.C. Walker, 1948
 Wellman, F.L., 1935
 V. datura distortion mosaic
 Kapoor, S.P. and P.M. Varma, 1952
 V. delphinium ring spot
 Severin, Henry H.P. and R.C. Dickson, 1942
 V. eggplant mosaic
 Dale, W.T., 1954
 V. lucerne mosaic
 Berkeley, G.H., 1947
 Kreitlow, K.W. and W.C. Price, 1948, 1949
 Pierce, W.H., 1934
 Richardson, D.E. and T.W. Tinsley, 1956
 Severin, Henry H.P., 1942
 Snyder, William C. and Saul Rich, 1942
 Zaumeyer, W.J., 1938
 V. pea die back *
 Zaumeyer, W.J., 1939
 V. pea stem streak *
 Zaumeyer, W.J., 1939
- P. hybrida, Vilm. (cont.)
 V. (physalis) mosaic *
 Melhus, I.E., 1922
 V. potato A
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 V. potato leaf roll
 Webb, R.E., R.H. Larson and J.C. Walker, 1952
 V. potato X
 Dykstra, T.P., 1933
 V. potato Y
 Dykstra, T.P., 1933, 1939
 Sakimura, K., 1953
 Vasudeva, R. Sahai and T.B. Lal, 1945
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
 V. raspberry Scottish leaf curl
 Harrison, B.D., 1958
 Lister, R.M., 1958
 V. raspberry yellow dwarf *
 Harrison, B.D., 1958
 Lister, R.M., 1958
 V. red currant ring spot
 Klessner, P.J., 1951
 V. rose mosaic
 Fulton, Robert W., 1952
 V. sweet clover new *
 Henderson, R.G., 1934
 V. sweet potato mosaic
 Elmer, O.H., 1957
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Allard, H.A., 1916
 Holmes, Francis O., 1946
 V. tobacco ring spot
 Berkeley, G.H., 1953
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 Cooper, W.E., 1949
 Dunleavy, John M., 1957
 Grogan, R.G., Roy Bardin and W.C. Schnathorst, 1954
 Grogan, R.G. and W.C. Schnathorst, 1955
 Pound, Glenn S., 1949
 Priode, C.N., 1928
 Shepherd, Robert J. and F. Ben Struble, 1956
 Smith, Kenneth M., 1929
 Starr, Chester K. and W.E. Cooper, 1944
 Steere, Russell L., 1956
 V. tobacco ring spot no. 2
 Brierley, Philip, 1954
 V. tobacco streak
 Fulton, Robert W., 1948
 V. tomato aspermy
 Brierley, Philip and Floyd F. Smith, 1953
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1953, 1955
 V. tomato black ring
 Harrison, B.D., 1958
 V. tomato spotted wilt
 Gardner, M.W. and O.C. Whipple, 1934
 Milbrath, J.A., 1939
 Sakimura, K., 1940
 V. turnip mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
 Berkeley, G.H. and M. Weintraub, 1952
 LeBeau, Francis J. and J.C. Walker, 1945
 Tompkins, C.M., 1938, 1939
 V. vaccinium false blossom
 Kunkel, L.O., 1945
 P. hybrida var. erecta *
 V. tomato aspermy
 Hollings, M., 1955
 P. hybrida var. grandiflora *
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942

- Petunia hybrida*, Vilm., var. *nana compacta* *
- V. bayberry yellows
Raychaudhuri, S.P., 1953
 - V. tomato aspermum
Hollings, M., 1955
- P. nyctagineflora*, Juss.
- V. potato X
Dennis, R.W.G., 1939
 - V. potato Y
Smith, Kenneth M. and R.W.G. Dennis, 1940
- P. spp.*
- V. carrot motley dwarf
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. henbane mosaic
Hamilton, Marion A., 1932
 - V. lucerne mosaic
Porter, D.R., 1935
 - V. lucerne witches' broom
Helms, Katie, 1957
 - V. potato aucuba mosaic
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. raspberry Scottish leaf curl
Cadman, C.H., 1956
 - V. tobacco leaf curl
Pal, B.P. and R.K. Tandon, 1937
 - V. tobacco mosaic
Ainsworth, G.C., 1933
 - Das, C.R. and S.P. Raychaudhuri, 1953
 - V. tomato big bud
Helms, Katie, 1957
 - V. tomato spotted wilt
Berkeley, G.H., 1935
 - Norris, D.O., 1951
 - Smith, Kenneth M., 1932
 - V. tropaeolum ring spot
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. tulip white streak
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- P. violacea*, Lindl.
- V. cucumber mosaic
Hoggan, Isme A., 1927
 - Johnson, J., 1926, 1927
 - V. petunia mosaic
Johnson, J., 1926, 1927
 - V. potato X
Hoggan, Isme A., 1927
 - Johnson, James, 1925, 1927
 - Smith, J. Henderson, 1928
 - V. potato Y
Hoggan, Isme A., 1927
 - Johnson, James, 1927
 - V. tobacco broad ring spot
Johnson, James and Robert W. Fulton, 1942
 - V. tobacco etch
Fulton, Robert W., 1941
 - V. tobacco mosaic
Fulton, Robert W., 1941
 - Hoggan, Isme A., 1927
 - Jarrett, Phyllis H., 1930
 - Johnson, J., 1926, 1927
 - V. tobacco ring spot
Fulton, Robert W., 1941
 - Henderson, R.G., 1931
 - Henderson, R.G. and S.A. Wingard, 1931
 - Wingard, S.A., 1928
- PHACELIA* Juss. 1789 (Hydrophyllaceae)
- P. campanularia*, Gray
- V. beet mosaic
Bennett, C.W., 1949
 - V. clover big vein
Black, L.M., 1945
 - V. lucerne mosaic
Price, W.C., 1940
 - V. squash mosaic
Freitag, J.H., 1956
 - V. tobacco etch
Holmes, Francis O., 1946
 - Grant, T.J., 1934
 - V. tobacco mosaic
Holmes, Francis O., 1946
 - V. tobacco necrosis
Price, W.C., 1940
- P. campanularia*, Gray (cont.)
- V. tobacco ring spot
Price, W.C., 1940
 - P. ciliata, Benth.
 - V. tobacco etch
Holmes, Francis O., 1946
 - V. tobacco mosaic
Holmes, Francis O., 1946
 - P. parryi, Torr.
 - V. tobacco mosaic
Grant, T.J., 1934
 - P. ramosissima, Dougl. ex Lehm.
 - V. beet curly top
Severin, Henry H.P., 1934, 1939
 - P. tanacetifolia, Benth.
 - V. cucumber mosaic
Wellman, F.L., 1935
 - V. tobacco mosaic
Grant, T.J., 1934
 - P. viscosa, (Benth.) Torr.
 - V. tobacco etch
Holmes, Francis O., 1946
 - V. tobacco mosaic
Holmes, Francis O., 1946
 - P. whitlavia, A. Gray (Whitlavia grandiflora, Harv.)
 - V. cucumber mosaic
Wellman, F.L., 1934, 1935
 - V. tobacco etch
Holmes, Francis O., 1946
 - V. tobacco mosaic
Grant, T.J., 1934
 - Holmes, Francis O., 1946
- PHALARIS* L. 1735 (Gramineae)
- P. arundinacea*, L.
- V. barley yellow dwarf
Bruehl, G.W. and H.V. Toko, 1957
- P. minor*, Retz.
- V. lucerne dwarf
Freitag, J.H., 1951
- P. paradoxa*, L.
- V. barley yellow dwarf
Oswald, John W. and Byron R. Houston, 1953
 - V. lucerne dwarf
Freitag, J.H., 1951
 - V. wheat streak mosaic
McKinney, H.H. and Hurley Fellows, 1951
- P. spp.*
- V. barley yellow dwarf
Oswald, John W. and Byron R. Houston, 1952
- P. tuberosa*, L.
- V. barley yellow dwarf
Oswald, John W. and Byron R. Houston, 1953
- P. tuberosa* var. *stenoptera*, (Hack.) Hitchc.
- V. maize leaf fleck
Stoner, Warren N., 1952
- PHARBITIS* Choisy 1833 (Convolvulaceae)
- P. diversifolia* *
- V. sweet potato internal cork
Hildebrand, E.M. and H.A. Borthwick, 1956
 - Hildebrand, E.M. and F.F. Smith, 1956
- P. hederacea*, Choisy
- V. sweet potato internal cork
Hildebrand, E.M. and H.A. Borthwick, 1956
- PHASEOLUS* ((Tourn.)) L. 1735 (Leguminosae)
- P. aconitifolius*, Jacq.
- V. bean common mosaic
Nelson, Ray, 1932
 - Thomas, H. Rex and W.J. Zaumeyer, 1953
 - V. lucerne mosaic
Thomas, H. Rex, 1951
 - V. rose mosaic
Fulton, Robert W., 1952
 - V. tobacco ring spot
Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - V. tobacco streak
Fulton, Robert W., 1948
 - Thomas, H. Rex and W.J. Zaumeyer, 1950
- P. acutifolius*, A. Gray
- V. lucerne mosaic
Thomas, H. Rex, 1951

- Phaseolus acutifolius*, A. Gray, var. *latifolius*, Freeman
 V. bean common mosaic
 Nelson, Ray, 1932
 Pierce, W.H., 1934
 Reddick, D. and V.B. Stewart, 1919
 V. bean yellow mosaic
 Pierce, W.H., 1934
 Thomas, H. Rex and W.J. Zaumeyer, 1953
 Zaumeyer, W.J. and H.H. Fisher, 1953
 V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
 V. cucumber mosaic
 Doolittle, S.P. and W.J. Zaumeyer, 1953
 V. lucerne mosaic
 Thomas, H.R., 1953
 Zaumeyer, W.J., 1953
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. tobacco ring spot
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
P. angularis, (Willd.) W.F. Wright
 V. bean common mosaic
 Nelson, Ray, 1932
 V. bean yellow mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. cowpea mosaic
 Yu, T.F., 1946
 V. lucerne mosaic
 Pierce, W.H., 1934
 Thomas, H. Rex, 1951
 Zaumeyer, W.J., 1938
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. tobacco ring spot
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 Pierce, W.H., 1934
P. aureus, Roxb.
 V. bean common mosaic
 Pierce, W.H., 1934
 V. bean double yellow mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. bean yellow mosaic
 Osborn, H.T., 1938
 Pierce, W.H., 1934
 Zaumeyer, W.J. and H.H. Fisher, 1953
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. cowpea mosaic
 Dale, W.T., 1949
 V. cucumber mosaic
 Price, W.C., 1940
 V. lucerne mosaic
 Pierce, W.H., 1934
 Thomas, H. Rex, 1951
 Zaumeyer, W.J., 1938
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. pea mottle
 Johnson, Folke, 1942
 V. pea wilt
 Johnson, Folke, 1942
 V. red clover mosaic *
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. rose mosaic
 Fulton, Robert W., 1952
 V. tobacco necrosis
 Price, W.C., 1940
 V. tobacco ring spot
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 Cooper, W.E., 1949
 Pierce, W.H., 1934
 Starr, Chester K. and W.E. Cooper, 1944
 V. tobacco streak
 Fulton, Robert W., 1948
 Thomas, H. Rex and W.J. Zaumeyer, 1950
P. calcaratus, Roxb.
 V. bean common mosaic
 Nelson, Ray, 1932
 Pierce, W.H., 1934
 V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
 V. cucumber mosaic
 Doolittle, S.P. and W.J. Zaumeyer, 1953
 V. lucerne mosaic
 Pierce, W.H., 1934
 Thomas, H. Rex, 1951
 Zaumeyer, W.J. and B.L. Wade, 1935
 P. calcaratus, Roxb. (cont.)
 V. tobacco ring spot
 Pierce, W.H., 1934
P. coccineus, L.
 V. bean common mosaic
 Nelson, Ray, 1932
 V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
 V. lucerne mosaic
 Thomas, H. Rex, 1951
 V. tobacco ring spot
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 V. tobacco streak
 Thomas, H. Rex and W.J. Zaumeyer, 1950
P. lathyroides, L.
 V. tobacco ring spot
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
P. limensis, MacF.
 V. bean common mosaic
 Nelson, Ray, 1932
 V. bean double yellow mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. bean yellow mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. cowpea mosaic
 Anderson, C.W., 1955
 V. cucumber mosaic
 Anderson, C.W., 1955
 Harter, L.L., 1936
 Thomas, H. Rex, W.J. Zaumeyer and Hans Jorgensen, 1951
 V. tobacco ring spot
 Pierce, W.H., 1934
P. lunatus, L.
 V. bean common mosaic
 Nelson, Ray, 1932
 Pierce, W.H., 1934
 V. bean double yellow mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. bean pod mottle
 Zaumeyer, W.J. and H. Rex Thomas, 1948
 V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
 V. bean yellow mosaic
 Zaumeyer, W.J. and H.H. Fisher, 1953
 V. beet curly top
 Severin, Henry H.P. and Charles F. Henderson, 1928
 V. cowpea mosaic
 Dale, W.T., 1949
 V. cucumber mosaic
 Doolittle, S.P. and W.J. Zaumeyer, 1953
 Whipple, O.C. and J.C. Walker, 1941
 V. kaimi clover disease *
 Murakishi, Harry H., 1952
 V. lucerne mosaic
 Kreitlow, K.W. and W.C. Price, 1948, 1949
 Thomas, H. Rex, 1951
 Zaumeyer, W.J., 1938, 1953
 V. pea die back *
 Zaumeyer, W.J., 1939
 V. pea stem streak *
 Zaumeyer, W.J., 1939
 V. tobacco ring spot
 Cooper, W.E., 1949
 LeBeau, F.J., 1947
 Pierce, W.H., 1934
 Wingard, S.A., 1928
P. lunatus f. *macrocarpus*, (Benth.) Van Ess.
 V. bean common mosaic
 Pierce, W.H., 1934
 Reddick, D. and V.B. Stewart, 1919
 V. cowpea mosaic
 Kapoor, S.P. and P.M. Varma, 1956
 Dale, W.T., 1949
 McLean, D.M., 1941
 Yu, T.F., 1946
 V. cucumber mosaic
 Harter, L.L., 1938
 Pryor, Dean E. and Robert E. Wester, 1946
 V. subterranean clover mosaic
 Aitken, Y. and B.J. Grieve, 1943

- Phaseolus lunatus*, L. x *P. lunatus* f. *macrocarpus*,
(Benth.) Van Ess.
- V. bean pod mottle
Zaumeyer, W.J. and H. Rex Thomas, 1948
 - V. bean southern mosaic
Zaumeyer, W.J. and L.L. Harter, 1943
 - P. multiflora*, Willd.
 - V. tobacco ring spot
LeBeau, F.J., 1947
 - P. mungo*, L.
 - V. bean common mosaic
Nelson, Ray, 1932
 - V. bean yellow stipple
Zaumeyer, W.J. and H. Rex Thomas, 1950
 - V. cowpea mosaic
Dale, W.T., 1949
 - V. lucerne mosaic
Thomas, H. Rex, 1951
 - Zaumeyer, W.J., 1938
 - Zaumeyer, W.J. and B.L. Wade, 1935
 - V. tobacco ring spot
Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - V. tobacco streak
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - P. radiatus*, L. var. *aurea* *
 - V. bean common mosaic
Matsumoto, T., 1922
 - P. trinervius*, Heyne ex Wall.
 - V. cowpea mosaic
Dale, W.T., 1949
 - P. vulgaris*, L.
 - V. alsike clover mosaic
Harrison, Arthur L., 1935
 - Zaumeyer, W.J., 1933, 1940
 - Zaumeyer, W.J. and B.L. Wade, 1935, 1936
 - V. apple mosaic
Yarwood, C.E., 1955
 - Yarwood, C.E. and H.E. Thomas, 1954
 - V. apricot ring pox
Yarwood, C.E., 1957
 - V. arabis mosaic
Smith, Kenneth M. and Roy Markham, 1944
 - V. aster ring spot
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. atropa belladonna mosaic
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. bean common mosaic
Ainsworth, G.C., 1940
 - Bridgmon, G.H. and J.C. Walker, 1951
 - Dean, Leslie L. and C.W. Hungerford, 1946, 1954
 - Fajardo, T.G., 1928, 1930
 - Fernow, Karl Hermann, 1925
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Fulton, Robert W., 1941
 - Grogan, Raymond G. and J.C. Walker, 1948
 - Harrison, Arthur L., 1935
 - Jenkins, Wilbert A., 1940
 - Mackie, W.W. and Katherine Esau, 1932
 - Murphy, Donald M., 1940
 - Murphy, Donald M. and W.H. Pierce, 1938
 - Nelson, Ray, 1932
 - Parker, M.C., 1936
 - Pierce, W.H., 1934, 1935, 1937
 - Pierce, W.H. and C.W. Hungerford, 1929
 - Reddick, D. and V.B. Stewart, 1918, 1919
 - Richards, B. Lorin and Walter H. Burkholder, 1943
 - Smith, Francis L. and Wm. B. Hewitt, 1938
 - Snyder, W.C., 1942
 - Stewart, V.B. and Donald Reddick, 1917
 - Thomas, H. Rex and W.J. Zaumeyer, 1953
 - Wade, B.L. and C.F. Andrus, 1941
 - Walker, J.C. and J.P. Jolivette, 1943
 - Yerkes, William D., Jr. and Alfonso Crispin Medina, 1957
 - Zaumeyer, W.J. and H.H. Fisher, 1951
 - Zaumeyer, W.J. and H. Rex Thomas, 1947, 1948
 - Zaumeyer, W.J. and B.L. Wade, 1933, 1935
 - V. bean double yellow mosaic
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. bean leaf wilt
Johnson, James, 1942
 - V. bean Montana *
 - Afanasiev, M.M. and H.E. Morris, 1946
 - P. vulgaris*, L. (cont.)
 - V. bean mosaic 3 *
Zaumeyer, W.J. and B.L. Wade, 1933, 1935
 - V. bean pod mottle
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Zaumeyer, W.J. and H. Rex Thomas, 1948, 1950
 - V. bean southern mosaic
Bain, Douglas C., 1950
 - Bridgmon, G.H., 1951
 - Bridgmon, G.H. and J.C. Walker, 1951
 - Mitchell, J.W., W.H. Preston, Jr. and J.M. Beal, 1956
 - Price, W.C. and Betty R. Holt, 1948
 - Zaumeyer, W.J. and H.H. Fisher, 1951
 - Zaumeyer, W.J. and L.L. Harter, 1942, 1943, 1944
 - Zaumeyer, W.J. and H. Rex Thomas, 1948, 1950
 - V. bean yellow mosaic
Afanasiev, M.M. and H.E. Morris, 1952
 - Ainsworth, G.C., 1940
 - Baggett, James R., 1956, 1957
 - Berkeley, G.H., 1953
 - Bridgmon, G.H. and J.C. Walker, 1952
 - Brierley, Philip, 1952
 - Conover, Robert A., 1948
 - Grogan, Ray G., 1948
 - Grogan, Raymond G. and J.C. Walker, 1948
 - Hagedorn, D.J. and J.C. Walker, 1949, 1950, 1954
 - Harrison, Arthur L., 1935
 - Houston, Byron R. and John W. Oswald, 1953
 - Hungerford, C.W. and Irvin G. Hillyer, 1954
 - Johnson, James, 1942
 - McWhorter, Frank P., 1949
 - Murphy, Donald M., 1940
 - Osborn, H.T., 1938
 - Pierce, W.H., 1934, 1935, 1937
 - Thomas, H.R., 1953
 - Thomas, H. Rex and W.J. Zaumeyer, 1953
 - Yerkes, William D., Jr. and Alfonso Crispin Medina, 1957
 - Zaumeyer, W.J., 1933, 1940, 1952
 - Zaumeyer, W.J. and H.H. Fisher, 1953
 - Zaumeyer, W.J. and B.L. Wade, 1933, 1935, 1936
 - V. bean yellow stipple
Zaumeyer, W.J. and H. Rex Thomas, 1950
 - V. beet curly top
Bennett, C.W., 1934
 - Carsner, E., 1925, 1926
 - Dana, B.F., 1940
 - Dean, Leslie L. and C.W. Hungerford, 1954
 - Giddings, N.J., 1938, 1944
 - Lackey, C.F., 1942
 - Mackie, W.W. and Katherine Esau, 1932
 - Murphy, Donald M., 1940
 - Pierce, W.H., 1937
 - Severin, Henry H.P. and Charles F. Henderson, 1928
 - V. beet leaf curl
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. beet ring spot *
Harrison, B.D., 1957
 - V. broad bean mottle
Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
 - V. bromé mosaic
McKinney, H.H., 1944, 1953
 - V. canna mosaic
Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
 - V. carnation ring spot
Brierley, Philip and Floyd F. Smith, 1955, 1957
 - Kassanis, B., 1955
 - V. cucumber mosaic
Anderson, C.W., 1955
 - Berkeley, G.H., 1951
 - Bhargava, K.S., 1951
 - Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
 - Fulton, Joseph P., 1950
 - Hagedorn, D.J., 1950
 - Hagedorn, D.J. and J.C. Walker, 1954
 - Harrison, B.D., 1958
 - Hollings, M., 1955

- Phaseolus vulgaris*, L. (cont.)
 V. cucumber mosaic
 Silberschmidt, K., 1955
 Thomas, H. Rex and W. J. Zaumeyer, 1953
 Whipple, O. C. and J. C. Walker, 1938, 1941
 V. elm mosaic
 Varney, E. H. and J. Duain Moore, 1952
 V. gladiolus *
 Snow, Gordon F., 1955
 V. iris ring spot *
 Travis, R. V., 1957
 V. kaimi clover disease *
 Murakishi, Harry H., 1952
 V. laburnum vein mosaic *
 Brierley, Philip and Floyd F. Smith, 1954
 V. lovage mosaic
 Smith, Kenneth M. and Roy Markham, 1944
 V. lucerne mosaic
 Berkeley, G. H., 1947
 Black, L. M. and W. C. Price, 1940
 Houston, Byron R. and John W. Oswald, 1951, 1953
 Johnson, E. M., 1946
 Kreitlow, K. W. and W. C. Price, 1948, 1949
 McWhorter, Frank P., 1949
 Milbrath, J. A., 1952
 Oswald, John W., 1950
 Pierce, W. H., 1934, 1937
 Richardson, D. E. and T. W. Tinsley, 1956
 Thomas, H. Rex, 1951, 1953
 Zaumeyer, W. J., 1938, 1952, 1953
 Zaumeyer, W. J. and B. L. Wade, 1933, 1935
 V. pea enation mosaic
 Johnson, Folke and Leon K. Jones, 1937
 V. pea mosaic
 Hagedorn, D. J., 1948
 Johnson, F. and L. K. Jones, 1936
 Osborn, H. T., 1937
 Zaumeyer, W. J., 1933
 Zaumeyer, W. J. and B. L. Wade, 1933
 V. pea mottle
 Johnson, Folke, 1942
 Johnson, F. and L. K. Jones, 1936, 1937
 V. pea streak
 Kim, Woon S. and D. J. Hagedorn, 1957
 V. pea wilt
 Johnson, Folke, 1942
 V. peach ring spot
 Yarwood, C. E., 1957
 V. peach yellow bud mosaic
 Karle, Harry P., 1957
 Yarwood, C. E., 1956
 Yarwood, C. E. and H. E. Thomas, 1954
 V. ranunculus mosaic
 Raabe, Robert D. and A. Herbert Gold, 1957
 V. raspberry Scottish leaf curl
 Cadman, C. H., 1956
 Harrison, B. D., 1958
 Lister, R. M., 1958
 V. raspberry yellow dwarf *
 Harrison, B. D., 1958
 Lister, R. M., 1958
 V. red clover mosaic *
 Harrison, Arthur L., 1935
 V. red clover vein mosaic
 Graves, Clinton H., Jr. and D. J. Hagedorn, 1956
 V. rhubarb ring spot *
 Vaughan, Edward K. and John W. Yale, Jr., 1953
 Yale, John W., Jr. and Edward K. Vaughan, 1954
 V. rose mosaic
 Fulton, Robert W., 1952
 V. strawberry green petal
 Dana, B. F., 1947
 V. subterranean clover mosaic
 Aitken, Y. and B. J. Grieve, 1943
 V. sweet pea mosaic *
 Zaumeyer, W. J., 1933
 Zaumeyer, W. J. and B. L. Wade, 1933, 1935
 V. tobacco bergerac ring spot
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
 V. tobacco broken ring spot
 Smith, Kenneth M. and Roy Markham, 1944
- P. vulgaris, L. (cont.)
 V. tobacco mosaic
 Berkeley, G. H., 1951
 Costa, A. S., 1944
 Doolittle, S. P. and F. S. Beecher, 1942
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 Grant, T. J., 1934
 Holmes, F. O., 1934, 1941, 1946
 McKinney, H. H., 1943
 McKinney, H. H. and Robert W. Fulton, 1949
 Nagaich, B. B. and H. H. Thornberry, 1957
 Peterson, Paul D. and H. H. McKinney, 1938
 Pierce, W. H., 1934
 Price, W. C., 1930
 Silberschmidt, K. and M. Kramer, 1941
 Spencer, E. L., 1935
 Zaumeyer, W. J. and B. L. Wade, 1935
 V. tobacco necrosis
 Bawden, F. C. and B. Kassanis, 1947
 Bawden, F. C. and F. M. Roberts, 1948
 Frazier, Norman W., 1955
 Fulton, J. P., 1952
 Fulton, Robert W., 1950
 Kassanis, B., 1949, 1955
 Price, W. C., 1938
 Price, W. C., Frank P. McWhorter and Betty H. Steranka, 1950
 Price, W. C. and Ralph W. G. Wyckoff, 1939
 V. tobacco ring spot
 Allington, William B., 1946
 Anderson, C. W., 1954
 Berkeley, G. H., 1951, 1953
 Bridgmon, G. H. and J. C. Walker, 1952
 Brierley, Philip, 1952
 Cheo, Pen Ching and W. J. Zaumeyer, 1952
 Cooper, W. E., 1949
 Grogan, R. G., Roy Bardin and W. C. Schnathorst, 1954
 Grogan, R. G. and W. C. Schnathorst, 1955
 Kahn, Robert P. and Frances M. Latterell, 1955
 LeBeau, F. J., 1947
 McKinney, H. H. and E. E. Clayton, 1944
 Pierce, W. H., 1934
 Pound, Glenn S., 1949
 Roberts, Daniel A., 1952
 Rosberg, David W., 1953
 Shepherd, Robert J. and F. Ben Struble, 1956
 Stubbs, M. W., 1937
 Tall, M. G., W. C. Price and Kenneth Wertman, 1949
 Thomas, H. Rex and W. J. Zaumeyer, 1950
 Travis, R. V. and Philip Brierley, 1957
 Wingard, S. A., 1928
 Zaumeyer, W. J. and B. L. Wade, 1935
 V. tobacco ring spot no. 2
 Hildebrand, E. M., 1942
 Price, W. C., 1936
 Tall, M. G., W. C. Price and Kenneth Wertman, 1949
 Thomas, H. Rex and W. J. Zaumeyer, 1950
 V. tobacco streak
 Fulton, Robert W., 1948
 Thomas, H. Rex and W. J. Zaumeyer, 1950
 Thomas, W. D., Jr., 1949
 Thomas, W. D., Jr. and R. W. Graham, 1951
 V. tomato aspermy
 Hollings, M., 1955
 V. tomato black ring
 Harrison, B. D., 1958
 V. tomato bushy stunt
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 V. tomato ring spot
 Kahn, Robert P. and Frances M. Latterell, 1955
 V. tomato spotted wilt
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 V. tomato V-52-1
 Miller, Patrick M., 1953
 V. tulip white streak
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 V. watermelon mosaic
 Pound, Glenn S., 1949
 P. vulgaris var. humulis, Alef. *
 V. bean common mosaic
 Nelson, Ray, 1932

- Phaseolus vulgaris*, L. x *P. coccineus*, L.
 V. bean yellow mosaic
 Baggett, James R., 1956
- PHENAX* Wedd. 1854 (Urticaceae)
P. sonneratii, (Poir.) Wedd.
 V. abutilon infectious variegation
 Silberschmidt, Karl M., 1948
- PHLEUM* L. 1735 (Gramineae)
P. pratense, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 Watson, Marion A. and T. Mulligan, 1957
 V. lucerne dwarf
 Freitag, J.H., 1951
- PHLOX* L. 1737 (Polemoniaceae)
P. drummondii, Hook.
 V. aster yellows
 Kunkel, L.O., 1926
 Severin, Henry H.P., 1943
 Severin, Henry H.P. and Julius H. Freitag, 1945
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. cucumber mosaic
 Faan, Hwei Chung and James Johnson, 1951
 Govier, D.A., 1957
 Pound, Glenn S. and J.C. Walker, 1948
 Wellman, F.L., 1935
 V. cucumber western mosaic *
 Severin, Henry H.P., 1943
 V. lucerne mosaic
 Price, W.C., 1940
 V. prunus B *
 Fulton, Robert W., 1957
 V. tobacco mosaic
 Grant, T.J., 1934
 Holmes, Francis O., 1946
 V. tobacco necrosis
 Price, W.C., 1940
 V. tobacco ring spot no. 2
 Brierley, Philip, 1954
 Hildebrand, E.M., 1942
 Price, W.C., 1940
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P.
 Doolittle, 1955
 Hollings, M., 1955
 V. vaccinium false blossom
 Kunkel, L.O., 1945
- P. paniculata*, L.
 V. aster yellows
 Kunkel, L.O., 1926
 V. cucumber mosaic
 Faan, Hwei-Chung and James Johnson, 1951
- PHORMIUM* Forst. 1776 (Liliaceae)
P. tenax, Forst.
 V. phormium yellow leaf
 Boyce, W.R., 1958
- PHOTINIA* Lindl. 1821 (Rosaceae)
P. arbutilifolia, (Ait.) Lindl.
 V. lucerne dwarf
 Freitag, J.H., 1951
- P. spp.*
 V. apple mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- PHYLLANTHUS* L. 1737 (Euphorbiaceae)
P. corcovadensis, Muell.
 V. beet curly top
 Bennett, C.W. and A.S. Costa, 1949
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
- PHYSALIS* L. 1735 (Solanaceae)
P. aequata, Jacq. f. ex Nees
 V. prunus B *
 Fulton, Robert W., 1957
- P. alkekengi*, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
- P. alkekengi, L. (cont.)
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Doolittle, S.P. and F.S. Beecher, 1942
 Hoggan, Isme A., 1927
 Holmes, Francis O., 1946
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
 P. angulata, L.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 Wellman, F.L., 1935
 V. iris ring spot *
 Travis, R.V., 1957
 V. physalis floridana yellow net
 Webb, R.E., 1955
 V. potato leaf roll
 Hovey, Charles and Reiner Bonde, 1948
 Kirkpatrick, Hugh C. and A. Frank Ross, 1952
 Klostermeyer, E.C., 1953
 MacCarthy, H.R., 1954
 Webb, R.E., R.H. Larson and J.C. Walker, 1952
 Williams, W. Llewelyn and A. Frank Ross, 1957
 V. red currant ring spot
 Klessner, P.J., 1951
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco leaf curl
 Bird, Julio, 1957
 V. tobacco mosaic
 Doolittle, S.P. and F.S. Beecher, 1942
 Holmes, F.O., 1934, 1941, 1946
 Jensen, J.H., 1933
 V. tobacco ring spot
 Wingard, S.A., 1928
 V. tomato aspermy
 Brierley, Philip and Floyd F. Smith, 1953
 Brierley, Philip, Floyd F. Smith and S.P.
 Doolittle, 1953, 1955
 V. tomato bunchy top
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- P. ellottii*, Kunze
 V. tobacco mosaic
 Anderson, C.W. and M.K. Corbett, 1957
- P. floridana*, Rydb.
 V. chili (pepper) mosaic
 Dale, W.T., 1954
 V. cucumber mosaic
 Ross, A. Frank, 1950, 1953
 V. datura rugose leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. eggplant mosaic
 Dale, W.T., 1954
 V. nicotiana glutinosa root necrosis *
 Cetas, Robert C. and A. Frank Ross, 1952
 V. physalis floridana yellow net
 Webb, R.E., 1955
 V. potato leaf roll
 Kirkpatrick, Hugh C. and A. Frank Ross, 1952
 Klostermeyer, E.C., 1953
 MacCarthy, H.R., 1954
 Webb, R.E. and R.H. Larson, 1952
 Webb, R.E., R.H. Larson and J.C. Walker, 1952
 Webb, R.E. and E.S. Schultz, 1954
 Williams, W. Llewelyn and A. Frank Ross, 1957
 V. potato stunt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. potato X
 Ross, A. Frank, 1950, 1953
 V. potato Y
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
 Easton, G.D., R.H. Larson and R.W. Hougas, 1958
 Hutton, E.M. and J.W. Peak, 1952
 Richardson, D.E., 1958
 Ross, A. Frank, 1948, 1949, 1950, 1953
 V. tobacco etch
 Greenleaf, W.H., 1953
 V. tobacco mosaic
 Ross, A. Frank, 1953
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P.
 Doolittle, 1955

- Physalis franchetti*, Mast.
 V. cucumber mosaic
 Hoggan, Isme A., 1927
 V. potato X
 Hoggan, Isme A., 1927
 V. potato Y
 Hoggan, Isme A., 1927
 V. tobacco mosaic
 Hoggan, Isme A., 1927
P. heterophylla, Nees
 V. cucumber mosaic
 Walker, M.N., 1925
 V. cucurbit mosaic *
 Walker, M.N., 1924
 V. elm mosaic
 Varney, E.H. and J. Duain Moore, 1952
 V. *physalis heterophylla* mosaic *
 Walker, M.N., 1925
 V. potato X
 Goss, R.W., 1931
 V. potato Y
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
 Larson, R.H., 1947
 V. potato yellow dwarf
 Black, L.M., 1937
 Larson, R.H., 1947
 V. tobacco mosaic
 Doolittle, S.P. and F.S. Beecher, 1942
 Fernow, Karl Hermann, 1925
 Gardner, Max W. and James B. Kendrick, 1922
P. heterophylla var. *nyctaginea*, (Dun.) Rydb.
 V. cucumber mosaic
 Johnson, E.M., 1930
 V. potato X
 Johnson, E.M., 1930
 V. potato Y
 Johnson, E.M., 1930
 V. tobacco coarse etch
 Johnson, E.M., 1930
 V. tobacco etch
 Johnson, E.M., 1930
 V. tobacco mosaic
 Johnson, E.M., 1930
 V. tobacco ring spot
 Johnson, E.M., 1930
P. ixocarpa, Brot.
 V. tobacco etch
 Greenleaf, W.H., 1953
P. lagascae, Roem. & Schult.
 V. celery mosaic
 Doolittle, S.P. and F.L. Wellman, 1934
 V. cucumber mosaic
 Wellman, F.L., 1934, 1935
P. longifolia, Nutt.
 V. (*physalis longifolia*) mosaic *
 Melhus, I.E., 1922
 V. tobacco mosaic
 Crawford, R.F., 1921
P. peruviana, L.
 V. anemone mosaic *
 Hollings, M., 1957
 V. cabbage black ring spot
 Hollings, M., 1957
 V. chilli veinbanding
 Simons, John N., 1956
 V. cucumber mosaic
 Govier, D.A., 1957
 Holmes, Francis O., 1942
 Simons, John N., 1957
 Wellman, F.L., 1935
 V. lucerne mosaic
 Price, W.C., 1940
 V. *nicotiana glutinosa* root necrosis *
 Cetas, Robert C. and A. Frank Ross, 1952
 V. potato aucuba mosaic
 Holmes, Francis O., 1942
 V. potato Y
 Larson, R.H. and J.F. Darby, 1951
 Sakimura, K., 1953
 Simons, J.N., Robert A. Conover and James M. Walter, 1956
 V. tobacco etch
 Anderson, C.W., 1954
 Costa, A.S., 1944
 P. *peruviana*, L. (cont.)
 V. tobacco etch
 Holmes, Francis O., 1941, 1942, 1946
 V. tobacco leaf curl
 Nariani, T.K. and P.S. Pathanian, 1953
 V. tobacco mosaic
 Holmes, Francis O., 1942, 1946
 V. tobacco ring spot
 Price, W.C., 1940
 V. tomato bunchy top
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
P. philadelphica, Lam.
 V. potato leaf roll
 MacCarthy, H.R., 1954
 V. potato M *
 Bagnall, R.H. and R.H. Larson, 1957
 V. potato paracrinkle
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
P. pruinosa, L.
 V. tobacco etch
 Anderson, C.W., 1954
P. pubescens, L.
 V. celery mosaic
 Doolittle, S.P., 1931
 Doolittle, S.P. and F.L. Wellman, 1934
 V. cucumber mosaic
 Hoggan, Isme A., 1927
 Johnson, E.M., 1930
 Johnson, J., 1926, 1927
 Pound, Glenn S. and J.C. Walker, 1948
 Walker, M.N., 1925, 1926
 Wellman, F.L., 1934, 1935
 V. cucurbit mosaic *
 Walker, M.N., 1924
 V. petunia mosaic
 Johnson, J., 1926, 1927
 V. *physalis heterophylla* mosaic *
 Walker, M.N., 1925
 V. (*physalis*) mosaic *
 Walker, M.N., 1926
 V. *physalis subglabrata* mosaic *
 Walker, M.N., 1925
 V. pokeweed mosaic *
 Walker, M.N., 1924, 1925
 V. potato M *
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 V. potato paracrinkle
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 V. potato X
 Fernow, K.H., 1923
 Folsom, Donald and Reiner Bonde, 1937
 Hoggan, Isme A., 1927
 Johnson, E.M., 1930
 Johnson, James, 1925, 1927
 V. potato Y
 Hoggan, Isme A., 1927
 Johnson, James, 1927
 Koch, K.L., 1933
 V. potato yellow dwarf
 Black, L.M., 1938
 V. tobacco coarse etch
 Johnson, E.M., 1930
 V. tobacco etch
 Johnson, E.M., 1930
 V. tobacco mosaic
 Ainsworth, G.C., 1933
 Doolittle, S.P. and F.S. Beecher, 1942
 Hoggan, Isme A., 1927
 Johnson, E.M., 1930
 Johnson, J., 1926, 1927
 Walker, M.N., 1924, 1925, 1926
 V. tobacco ring spot
 Cooper, W.E., 1949
 V. tobacco streak
 Fulton, Robert W., 1948
 Johnson, J., 1936
 V. tomato spotted wilt
 Gardner, M.W. and O.C. Whipple, 1934
 Tompkins, C.M. and M.W. Gardner, 1934

- Physalis pubescens*, L. (cont.)
V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- P. spp.*
V. beet curly top
 Bennett, C.W., Eubanks Carsner, F.H. Coons
 and E.W. Brandes, 1946
V. cucumber mosaic
 Wellman, F.L., 1935
*V. cucurbit mosaic **
 Doolittle, S.P. and M.N. Walker, 1924
V. potato X
 Dykstra, T.P., 1933
V. potato Y
 Dykstra, T.P., 1933
V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
- P. subglabrata*, Mackenzie & Bush
V. cucumber mosaic
 Walker, M.N., 1925
*V. cucurbit mosaic **
 Walker, M.N., 1924
*V. physalis subglabrata mosaic **
 Walker, M.N., 1925
V. tobacco etch
 Holmes, Francis O., 1943, 1946
V. tobacco mosaic
 Fernow, Karl Hermann, 1925
 Gardner, Max W. and James B. Kendrick, 1922
 Holmes, Francis O., 1946
- P. turbinata*, Medic.
V. potato Y
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
- P. virginiana*, Mill.
V. potato Y
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
 Larson, R.H., 1947
V. potato yellow dwarf
 Larson, R.H., 1947
V. tobacco mosaic
 Gardner, M.W. and J.B. Kendrick, 1922
- P. viscosa*, L.
V. tomato bumpy top
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- P. wrightii*, A. Gray
V. beet curly top
 Severin, Henry H.P., 1929, 1934
- PHYSOSTEGIA** Benth. 1829 (Labiatae)
P. virginiana, (L.) Benth.
V. tobacco ring spot
 Price, W.C., 1940
- PHYTOLACCA** Tourn. ex L. 1735 (Phytolaccaceae)
P. americana, L.
V. apple mosaic
 Yarwood, C.E., 1955
V. cucumber mosaic
 Harter, L.L., 1938
 Wellman, F.L., 1935
*V. cucurbit mosaic **
 Doolittle, S.P. and M.N. Walker, 1922
V. dodder latent mosaic
 Bennett, C.W., 1944, 1949
V. lucerne mosaic
 Johnson, E.M., 1946
- P. decandra*, L.
V. cucumber mosaic
 Diachun, Stephen, 1952
 Hogan, Isme A., 1935
 Johnson, E.M., 1930
 Johnson, J., 1926, 1927
*V. cucurbit mosaic **
 Doolittle, S.P. and M.N. Walker, 1924, 1925
V. lucerne mosaic
 Price, W.C., 1940
V. petunia mosaic
 Johnson, J., 1926, 1927
*V. pokeweed mosaic **
 Allard, H.A., 1918
 Fernow, Karl Hermann, 1925
V. potato X
 Johnson, E.M., 1930
- P. decandra*, L. (cont.)
V. tobacco coarse etch
 Johnson, E.M., 1930
V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
V. tobacco necrosis
 Price, W.C., 1940
V. tobacco ring spot
 Johnson, E.M., 1930
 Priode, C.N., 1928
 Wingard, S.A., 1928
V. tobacco ring spot no. 2
 Hildebrand, E.M., 1942
 Price, W.C., 1940
- P. esculenta*, Van Houtte
V. cucumber mosaic
 Bhargava, K.S., 1951
- P. rigida*, Small
V. cucumber mosaic
 Wellman, F.L., 1935
- PICRIS** L. 1735 (Compositae)
P. echioides, L.
V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin,
 1945
- PIMPINELLA** ((Riv.)) L. 1735 (Umbelliferae)
P. anisum, L.
V. aster yellows
 Kunkel, L.O., 1926
V. celery mosaic
 Freitag, Julius H. and Henry H.P. Severin, 1945
- PISUM** ((Tourn.)) L. 1735 (Leguminosae)
P. sativum, L.
V. alsike clover mosaic
 Wade, B.L. and W.J. Zaumeyer, 1938
 Zaumeyer, W.J., 1940
 Zaumeyer, W.J. and B.L. Wade, 1936
V. bean yellow mosaic
 Ainsworth, G.C., 1940
 Baggett, James R., 1957
 Berkeley, G.H., 1953
 Conover, Robert A., 1948
 Corbett, M.K., 1957
 Grogan, Raymond G. and J.C. Walker, 1948
 Hagedorn, D.J., 1951, 1952
 Hagedorn, D.J. and J.C. Walker, 1949, 1950,
 1954
 Hanson, E.W. and D.J. Hagedorn, 1954
 Hungerford, C.W. and Irvin G. Hillyer, 1954
 Johnson, James, 1942
 McWhorter, Frank P., 1949
 Osborn, H.T., 1935
 Oshima, Nagayoshi and M.F. Kernkamp, 1957
 Pierce, W.H., 1935, 1937
 Thomas, H. Rex and W.J. Zaumeyer, 1953
 Zaumeyer, W.J., 1940
 Zaumeyer, W.J. and B.L. Wade, 1933, 1935, 1936
V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
V. beet mosaic
 Bennett, C.W., 1949
V. broad bean mottle
 Bawden, F.C., R.P. Chaudhuri and B. Kassanis,
 1951
V. cucumber mosaic
 Ainsworth, G.C., 1940
 Anderson, C.W., 1955
 Berkeley, G.H., 1951
 Bhargava, K.S., 1951
 Doolittle, S.P. and W.J. Zaumeyer, 1953
 Fulton, Joseph P., 1950
 Hagedorn, D.J., 1950, 1952
 Hagedorn, D.J. and J.C. Walker, 1954
 Pound, Glenn S. and J.C. Walker, 1948
 Whipple, O.C. and J.C. Walker, 1938, 1941
V. elm mosaic
 Varney, E.H. and J. Duain Moore, 1952
*V. (legume) western ring spot **
 McWhorter, Frank P., 1954
V. lettuce mosaic
 Ainsworth, G.C., 1940

- Pisum sativum*, L. (cont.)
 V. lettuce mosaic
 Ainsworth, G.C. and L. Ogilvie, 1939
 V. lovage mosaic
 Smith, Kenneth M. and Roy Markham, 1944
 V. lucerne mosaic
 Berkeley, G.H., 1947
 Hanson, E.W. and D.J. Hagedorn, 1954
 Johnson, E.M., 1946
 Kreitlow, K.W. and W.C. Price, 1948, 1949
 McWhorter, Frank P., 1949, 1954
 Oswald, John W., 1950
 Pierce, W.H., 1934
 Richardson, D.E. and T.W. Tinsley, 1956
 Thomas, H. Rex, 1951, 1953
 Zaumeyer, W.J., 1937, 1938, 1953
 Zaumeyer, W.J. and B.L. Wade, 1936
 V. pea die back *
 Zaumeyer, W.J., 1939
 V. pea enation mosaic
 Ainsworth, G.C., 1940
 Chaudhuri, R.P., 1950
 Hagedorn, D.J., 1952
 Hagedorn, D.J. and J.C. Walker, 1954
 Johnson, Folke and Leon K. Jones, 1937
 McEwen, F.L. and W.T. Schroeder, 1956
 McWhorter, Frank P., 1954
 Osborn, H.T., 1938
 Pierce, W.H., 1935, 1937
 Simons, John N., 1954
 Stubbs, M.W., 1936, 1937
 V. pea leaf roll
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. pea mosaic
 Ainsworth, G.C., 1940
 Chaudhuri, R.P., 1950
 Doolittle, S.P. and F.R. Jones, 1925
 Hagedorn, D.J., 1948
 Hagedorn, D.J. and J.C. Walker, 1954
 Johnson, F. and L.K. Jones, 1936
 Murphy, D.M. and W.H. Pierce, 1937
 Osborn, H.T., 1934, 1935
 Oshima, Nagayoshi and M.F. Kernkamp, 1957
 Pierce, W.H., 1935, 1937
 Snyder, W.C., 1934
 Stubbs, M.W., 1936, 1937
 Yen, D.E. and P.R. Fry, 1956
 Zaumeyer, W.J. and B.L. Wade, 1936
 V. pea mottle
 Johnson, Folke, 1942
 Johnson, F. and L.K. Jones, 1936, 1937
 V. pea stem streak *
 Zaumeyer, W.J., 1939
 V. pea streak
 Kim, Woon S. and D.J. Hagedorn, 1957
 Linford, M.B., 1931
 Oshima, Nagayoshi and M.F. Kernkamp, 1957
 Zaumeyer, W.J., 1937, 1938
 Zaumeyer, W.J. and B.L. Wade, 1937
 V. pea wilt
 Johnson, Folke, 1942
 Pierce, W.H., 1935
 V. pea yellow mosaic *
 Ainsworth, G.C., 1940
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
 V. red clover mosaic *
 Doolittle, S.P. and F.R. Jones, 1925
 Zaumeyer, W.J. and B.L. Wade, 1933, 1935, 1936
 V. red clover vein mosaic
 Graves, Clinton H., Jr. and D.J. Hagedorn, 1956
 Hagedorn, D.J., 1952, 1954
 Hagedorn, D.J. and E.W. Hanson, 1951
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 Hanson, E.W. and D.J. Hagedorn, 1954
 Osborn, H.T., 1937
 Roberts, D.A., 1957
 V. squash mosaic
 Freitag, J.H., 1956
 V. subterranean clover mosaic
 Aitken, Y. and B.J. Grieve, 1943
 P. sativum, L. (cont.)
 V. sweet pea mosaic *
 Doolittle, S.P. and F.R. Jones, 1925
 V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
 V. tobacco mosaic
 Berkeley, G.H., 1951
 V. tobacco necrosis
 Price, W.C., 1940
 V. tobacco ring spot
 Berkeley, G.H., 1951, 1953
 Bridgmon, G.H. and J.C. Walker, 1952
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 Cooper, W.E., 1949
 Grogan, R.G. and W.C. Schnathorst, 1955
 LeBeau, F.J., 1947
 Pound, Glenn S., 1949
 Rosberg, David W., 1953
 Stubbs, M.W., 1937
 V. tobacco ring spot no. 2
 Wilkinson, R.E., 1952
 V. tobacco streak
 Fulton, Robert W., 1948
 Thomas, H. Rex and W.J. Zaumeyer, 1950
 V. tomato spotted wilt
 Ainsworth, G.C., 1940
 Jones, Leon K., 1944
 Milbrath, J.A., 1939
 Snyder, W.C. and H. Rex Thomas, 1936
 Whipple, O.C., 1936
 V. watermelon mosaic
 Pound, Glenn S., 1949
 V. Wisconsin pea streak
 Hagedorn, D.J., 1952
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 Skotland, C.B., 1953
 Skotland, C.B. and D.J. Hagedorn, 1954, 1955
 P. sativum var. arvensis, (L.) Poir.
 V. bean yellow mosaic
 Grogan, Raymond G. and J.C. Walker, 1948
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
 V. broad bean mottle
 Yu, T.F., 1939
 V. pea enation mosaic
 Osborn, H.T., 1938
 V. pea mosaic
 Hagedorn, D.J., 1948
 Murphy, D.M. and W.H. Pierce, 1937
 Osborn, H.T., 1934, 1935
 V. red clover vein mosaic
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 Osborn, H.T., 1937
 V. tobacco ring spot
 LeBeau, F.J., 1947
 V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 P. sativum var. saccharatum, Hort.
 V. bean yellow mosaic
 Pierce, W.H., 1935
 V. pea enation mosaic
 Pierce, W.H., 1935
 V. pea mosaic
 Pierce, W.H., 1935
 V. pea wilt
 Pierce, W.H., 1935
- PITTOSPORUM Banks, ex Gaertn. 1788 (Pittosporaceae)
 P. crassifolium, Cunn.
 V. lucerne dwarf
 Freitag, J.H., 1951
- PLANTAGO Tourn. L. 1735 (Plantaginaceae)
 P. erecta, Morris
 V. beet curly top
 Giddings, N.J., 1938, 1944
 Severin, Henry H.P., 1934
 V. beet yellows
 Roland, T. and J. Tahon, 1961
- P. insularis, Eastw.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- P. lanceolata, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961

- Plantago lanceolata*, L.
- V. beet yellows
 - Roland, G. and J. Tahon, 1961
 - V. tobacco mosaic
 - Boyle, John S. and David C. Wharton, 1957
 - Harrison, B.C., 1955
 - Holmes, Francis O., 1938, 1941, 1946, 1950
 - McKinney, H.H., 1952
 - V. tobacco ring spot
 - Price, W.C., 1940
- P. major*, L.
- V. aster yellows
 - Frazier, Norman W. and Harold E. Thomas, 1953
 - Freitag, J.H., 1956
 - Kunkel, L.O., 1926, 1928
 - Severin, Henry H.P., 1929, 1934
 - V. beet curly top
 - Giddings, N.J., 1944
 - Severin, Henry H.P., 1934
 - V. beet yellows
 - Roland, G. and J. Tahon, 1961
 - V. clover witches' broom *
 - Frazier, N.W. and A.F. Posnette, 1957
 - V. dodder latent mosaic
 - Bennett, C.W., 1944
 - V. stone fruit *
 - Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 - V. tobacco mosaic
 - Boyle, John S. and David C. Wharton, 1956
 - Harrison, B.D., 1955
 - Holmes, Francis O., 1938, 1941, 1946, 1950
 - Valleau, W.D. and E.M. Johnson, 1943
 - V. tobacco streak
 - Fulton, Robert W., 1948
 - V. tomato spotted wilt
 - Smith, Kenneth M., 1932
- P. rugelii*, Dcne.
- V. tobacco mosaic
 - Boyle, John S. and David C. Wharton, 1957
 - Holmes, Francis O., 1938, 1946, 1950
 - McKinney, H.H., 1952
- P. rumosa*, L. *
- V. beet yellows
 - Roland, G. and J. Tahon, 1961
- P. spp.*
- V. raspberry yellow dwarf *
 - Harrison, B.D., 1958
- P. virginica*, L.
- V. prunus B *
 - Fulton, Robert W., 1957
- PLATYCODON A. DC. 1830 (Campanulaceae)**
- P. grandiflorum*, DC.
- V. tobacco ring spot
 - Price, W.C., 1940
 - V. tobacco ring spot no. 2
 - Brierley, Philip, 1954
- POA L. 1737 (Gramineae)**
- P. ampla*, Merr.
- V. barley yellow dwarf
 - Bruehl, G.W. and H.V. Toko, 1957
- P. annua*, L.
- V. barley yellow dwarf
 - Oswald, John W. and Byron R. Houston, 1953
 - V. lucerne dwarf
 - Freitag, J.H., 1951
- P. bulbosa*, L.
- V. wheat streak mosaic
 - McKinney, H.H. and Hurley Fellows, 1951
- P. canbyi*, (Scribn.) Piper
- V. barley yellow dwarf
 - Bruehl, G.W. and H.V. Toko, 1957
- P. compressa*, L.
- V. wheat streak mosaic
 - McKinney, H.H. and Hurley Fellows, 1951
 - Slykhuis, John T., 1954, 1955
- P. pratensis*, L.
- V. barley yellow dwarf
 - Bruehl, G.W. and H.V. Toko, 1957
 - Oswald, John W. and Byron R. Houston, 1953
 - V. rice dwarf
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- P. stenantha*, Turcz. ex Steud.
- V. wheat streak mosaic
 - McKinney, H.H. and Hurley Fellows, 1951
- POLANISIA Rafin. 1818 (Capparidaceae)**
- P. trachysperma*, Torr. & Gray
- V. cucumber mosaic
 - Price, W.C., 1940
 - V. tobacco mosaic
 - Holmes, Francis O., 1946
 - V. tobacco necrosis
 - Price, W.C., 1940
 - V. tobacco ring spot
 - Price, W.C., 1940
- POLEMONIUM ((Tourn.)) L. 1735 (Polemoniaceae)**
- P. caeruleum*, L.
- V. cucumber mosaic
 - Faan, Hwei Chung and James Johnson, 1951
- POLYANTHUS Auct. ex Benth. & Hook. 1883 (Amaryllidaceae)**
- P. spp.*
- V. tobacco necrosis
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- POLYGONUM ((Tourn.)) L. 1735 (Polygonaceae)**
- P. amphibium*, L., var. *hartwrightii*, Bissel
- V. beet curly top
 - Severin, Henry H.P., 1929, 1934
- P. aviculare*, L.
- V. aster yellows
 - Frazier, Norman W. and Henry H.P. Severin, 1945
 - V. beet curly top
 - Carsner, E., 1919
 - Severin, Henry H.P., 1929, 1934
 - V. beet ring spot *
 - Harrison, B.D., 1957
 - V. datura rugose leaf curl
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. tobacco mosaic
 - Holmes, Francis O., 1938
- P. convolvulus*, L.
- V. aster yellows
 - Frazier, Norman W. and Henry H.P. Severin, 1945
 - V. beet ring spot *
 - Harrison, B.D., 1957
 - V. beet yellows
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. lucerne dwarf
 - Freitag, J.H., 1951
 - V. raspberry Scottish leaf curl
 - Harrison, B.D., 1958
 - V. tobacco mosaic
 - Holmes, Francis O., 1938
 - V. tomato spotted wilt
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- P. erectum*, L.
- V. tobacco mosaic
 - Holmes, Francis O., 1938
- P. hydropiper*, L.
- V. tobacco mosaic
 - Holmes, Francis O., 1938, 1946
 - V. tobacco ring spot
 - Wingard, S.A., 1928
- P. lapathifolium*, L.
- V. beet curly top
 - Severin, Henry H.P., 1929, 1934
- P. muhlenbergii*, (Meissn.) S. Wats.
- V. beet curly top
 - Severin, Henry H.P., 1929, 1934
- P. pensylvanicum*, L.
- V. dodder latent mosaic
 - Bennett, C.W., 1944
- P. persicariae*, L. *
- V. tobacco streak
 - Fulton, Robert W., 1948
- P. persicaria*, L.
- V. beet curly top
 - Severin, Henry H.P., 1929, 1934
 - V. beet ring spot *
 - Harrison, B.D., 1957

- Polygonum persicaria*, L. (cont.)
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. lucerne dwarf
 Freitag, J.H., 1951
 V. tobacco mosaic
 Holmes, Francis O., 1938
- P. spp.*
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- PORTULACA* L. 1735 (Portulacaceae)
P. grandiflora, Hook.
 V. aster yellows
 Kunkel, L.O., 1926
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. clover big vein
 Black, L.M., 1945
 V. cucumber mosaic
 Price, W.C., 1940
 V. tobacco necrosis
 Price, W.C., 1940
 V. tobacco ring spot
 Price, W.C., 1940
- P. oleracea*, L.
 V. anemone brown ring *
 Hollings, M., 1958
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin,
 1945
 V. beet curly top
 Severin, Henry H.P., 1934
 V. chilli veinbanding
 Simons, John N., 1956
 V. clover big vein
 Black, L.M., 1945
 V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tobacco streak
 Fulton, Robert W., 1948
- POTENTILLA* L. 1735 (Rosaceae)
P. monspeliensis, L.
 V. rose mosaic
 Fulton, Robert W., 1952
 V. tobacco streak
 Fulton, Robert W., 1948
- P. palustris*, (L.) Scop.
 V. prunus G *
 Fulton, Robert W., 1957
- P. recta*, L.
 V. rose mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Fulton, Robert W., 1952
- P. simplex*, Michx.
 V. strawberry mottle
 Demaree, J.B. and C.P. Marcus, 1951
 V. strawberry, type 2 *
 Demaree, J.B. and C.P. Marcus, 1951
- PRIMULA* L. 1735 (Primulaceae)
P. elatior, Hill
 V. aster yellows
 Kunkel, L.O., 1926
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- P. malacoides*, Franch.
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tobacco necrosis
 Bawden, F.C. and B. Kassanis, 1947
 Price, W.C., Frank P. McWhorter and Betty H.
 Steranka, 1950
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- P. obconica, Hance
 V. aster yellows
 Severin, Henry H.P. and C.M. Tompkins, 1950
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. cucumber mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Govier, D.A., 1957
 Severin, Henry H.P. and C.M. Tompkins, 1950
 Smith, Kenneth M., 1935
- V. cucumber western mosaic *
 Severin, Henry H.P. and C.M. Tompkins, 1950
- V. lucerne mosaic
 Price, W.C., 1940
 Severin, Henry H.P. and C.M. Tompkins, 1950
- V. primula mosaic
 Severin, Henry H.P. and C.M. Tompkins, 1950
 Tompkins, C.M. and John T. Middleton, 1941
- V. tobacco mosaic
 Holmes, Francis O., 1946
 Severin, Henry H.P. and C.M. Tompkins, 1950
- V. tobacco necrosis
 Bawden, F.C. and B. Kassanis, 1947
 Price, W.C., Frank P. McWhorter and Betty H.
 Steranka, 1950
 Severin, Henry H.P. and C.M. Tompkins, 1950
- V. tobacco ring spot
 Price, W.C., 1940
- V. tomato spotted wilt
 Gardner, M.W., C.M. Tompkins and O.C.
 Whipple, 1935
 Severin, Henry H.P. and C.M. Tompkins, 1950
- P. polyantha*, Mill.
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
- P. saxatalis*, Komar
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- P. sinensis*, Lindl.
 V. anemone mosaic *
 Hollings, M., 1957
- V. cucumber mosaic
 Govier, D.A., 1957
 Smith, Kenneth M., 1935
- V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
- V. tomato aspermy
 Hollings, M., 1955
- V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- P. sinensis* var. *stellata*, Hort.
 V. tomato aspermy
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- P. veris*, L.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- P. vulgaris*, Huds.
 V. tobacco necrosis
 Bawden, F.C. and B. Kassanis, 1947
- PROBOSCIDEA* Schmid. 1747 (Martyniaceae)
P. louisiana, (Mill.) Thell.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tobacco necrosis
 Price, W.C., 1940
- V. tobacco ring spot
 Price, W.C., 1940
- V. tobacco ring spot no. 2
 Price, W.C., 1940
- PRUNELLA* L. 1753 (Labiatae)
P. vulgaris, L.
 V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- PRUNUS* ((Tourn.)) L. 1735 (Rosaceae)
 (AMYGDALUS) ((Tourn.)) L. 1735
P. alabamensis, Mohr
 V. peach ring spot
 Gilmer, R.M., 1955

- Prunus alleghaniensis*, Porter
 V. peach ring spot
 Gilmer, R.M., 1955
- P. americana*, Marsh.
 V. peach mosaic
 Richards, B.L. and L.C. Cochran, 1956
- V. peach ring spot
 Gilmer, R.M., 1954, 1955
- Moore, J. Duain and G.W. Keitt, 1946
- V. peach X disease
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
- Hildebrand, E.M., 1953
- V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- P. americana* var. *mollis*, Torr. & Gray
 V. peach western X disease
 Schneider, Henry, 1945
- P. americana* x *P. salicina*, Lindl.
 V. apple mosaic
 Gilmer, R.M., 1956
- Posnette, A.F. and Christina E. Ellenberger, 1957
- V. plum white spot
 Valleau, W.D., 1932
- V. prunus A *
 Ehlers, Clifford G. and J. Duain Moore, 1957
- V. prunus B *
 Ehlers, Clifford G. and J. Duain Moore, 1957
- V. prunus E *
 Ehlers, Clifford G. and J. Duain Moore, 1957
- V. prunus G *
 Ehlers, Clifford G. and J. Duain Moore, 1957
- P. amygdalus*, Batsch
 V. almond bud failure
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. almond calico
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. cherry rugose mosaic
 Nyland, George, 1954
- V. peach asteroid spot
 Richards, B.L. and L.C. Cochran, 1956
- V. peach mosaic
 Cochran, L.C. and L.M. Hutchins, 1937, 1938
- V. peach ring spot
 Cochran, L.C. and Lee M. Hutchins, 1941
- V. peach rosette
 McClintock, J.A., 1923
- V. peach X disease
 Palmeter, D.H. and E.M. Hildebrand, 1943
- V. peach yellow bud mosaic
 Thomas, H. Earl, 1940
- Thomas, H. Earl, C. Emlen Scott, E.E. Wilson and J.H. Freitag, 1944
- V. phony peach
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- P. andersoni*, A. Gray
 V. peach ring spot
 Gilmer, R.M., 1955
- V. peach yellow bud mosaic
 Thomas, H. Earl, 1940
- Thomas, H. Earl and T.E. Rawlins, 1939
- P. angustifolia*, Marsh.
 V. peach mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. peach ring spot
 Gilmer, R.M., 1955
- V. peach rosette
 McClintock, J.A., 1923
- V. phony peach
 Bruer, H.L. and C.E. Shepard, 1952
- Bruer, H.L., C.E. Shepard and T.D. Persons, 1951
- Cochran, L.C., J.H. Weinberger and W.F. Turner, 1951
- Hutchins, Lee M., L.C. Cochran, W.F. Turner and J.H. Weinberger, 1953
- Hutchins, Lee M. and John L. Rue, 1949
- KenKnight, Glenn, H.L. Bruer and C.E. Shepard, 1951
- P. apetala*, Franch. & Sav.
 V. peach ring spot
 Gilmer, R.M., 1954, 1955
- P. *armeniaca*, L.
 V. apricot moorpark mottle
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. apricot ring pox
 Reeves, E.L. and Philip W. Cheney, 1956
- Simonds, Austin O., 1951
- V. cherry bark splitting *
 Cameron, H. Ronald, 1954
- V. cherry rasp leaf
 Posnette, A.F., 1954
- V. cherry rusty mottle
 Posnette, A.F., 1954
- V. peach asteroid spot
 Richards, B.L. and L.C. Cochran, 1956
- V. peach little peach
 Manns, T.F., 1942
- V. peach mosaic
 Bodine, E.W. and L.W. Durrell, 1941
- Cochran, L.C. and L.M. Hutchins, 1937, 1938
- Thomas, H. Earl and T.E. Rawlins, 1939
- V. peach ring spot
 Gilmer, R.M., 1954, 1955
- Posnette, A.F., 1954
- Yarwood, C.E., 1957
- V. peach rosette
 McClintock, J.A., 1923
- V. peach western X disease
 Rawlins, T.E. and H. Earl Thomas, 1941
- V. peach X disease
 Palmeter, D.H. and E.M. Hildebrand, 1943
- V. peach yellow bud mosaic
 Schlocker, Archie, H. Keith Wagnon and James R. Breece, 1957
- Thomas, H. Earl and T.E. Rawlins, 1939
- Thomas, H. Earl, C. Emlen Scott, E.E. Wilson and J.H. Freitag, 1944
- V. peach yellows
 Manns, T.F., 1942
- V. phony peach
 Hutchins, Lee M. and John L. Rue, 1949
- V. plum line pattern
 Bodine, E.W. and L.W. Durrell, 1941
- Willison, R.S., 1945
- V. prune dwarf
 Moore, J. Duain and H.R. Cameron, 1956
- Willison, R.S., 1944
- V. (sour) cherry yellows
 Moore, J. Duain and H.R. Cameron, 1956
- V. stone fruit necrotic ring spot *
 Moore, J. Duain and H.R. Cameron, 1956
- V. stone fruit ring spot *
 Richards, B.L. and L.C. Cochran, 1956
- P. armeniaca* var. *mandshurica*, Maxim.
 V. peach ring spot
 Gilmer, R.M., 1955
- V. peach X disease
 Hildebrand, E.M., 1953
- P. avium*, L.
 V. almond calico
 Thomas, H. Earl and T.E. Rawlins, 1939
- V. apple mosaic
 Posnette, A.F. and Christina E. Ellenberger, 1957
- V. cherry albino
 Zeller, S.M., J.A. Milbrath and C.B. Cordy, 1944
- V. cherry black canker
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. cherry bud abortion disasee *
 Milbrath, J.A. and H.E. Williams, 1956
- V. cherry dusty yellows
 Posnette, A.F., 1954
- V. cherry freckle fruit disease *
 Williams, H.E. and J.A. Milbrath, 1955
- V. cherry (frogmore) canker *
 Posnette, A.F. and R. Cropley, 1957
- V. cherry little cherry
 Blodgett, E.C., E.L. Reeves, C.M. Wright and H.E. Williams, 1948
- Foster, W.R. and T.B. Lott, 1947
- Milbrath, J.A. and H.E. Williams, 1956
- Reeves, E.L. and Philip W. Cheney, 1956
- Welsh, Maurice F., 1952

- Prunus avium*, L. (cont.)
 V. cherry little cherry
 Wilks, J.M. and M.F. Welsh, 1955
 Wilks, Jack M. and J.A. Milbrath, 1956
 V. cherry midleaf necrosis *
 Milbrath, J.A., 1957
 V. cherry mora
 Milbrath, J.A., 1952
 V. cherry mottle *
 Hildebrand, E.M., 1944
 V. cherry mottle leaf
 Lott, T.B., 1945
 Reeves, E.L., 1941
 Richards, B.L. and L.C. Cochran, 1956
 Zeller, S.M. and A.W. Evans, 1941
 V. cherry necrotic etch *
 Posnette, A.F., 1954
 V. cherry necrotic line pattern
 Posnette, A.F. and R. Cropley, 1956
 V. cherry necrotic rusty mottle
 Afanasiev, M.M. and H.E. Morris, 1954
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Lott, T.B., 1945
 Reeves, E.L. and B.L. Richards, 1946
 Richards, B.L. and L.C. Cochran, 1956
 Richards, B.L. and Bryce N. Wadley, 1950
 V. cherry pinto leaf
 Kienholz, J.R., 1947
 V. cherry rasp leaf
 Blodgett, Earle C., 1943
 Bodine, E.W. and J.H. Newton, 1942
 Milbrath, J.A., 1954
 Posnette, A.F., 1954
 Posnette, A.F. and R. Cropley, 1956
 Richards, B.L. and L.C. Cochran, 1956
 V. cherry rugose mosaic
 Berkeley, G.H., 1950
 Nyland, George, 1954
 Posnette, A.F., 1954
 Posnette, A.F. and R. Cropley, 1956
 Richards, B.L. and L.C. Cochran, 1956
 Thomas, H. Earl and T.E. Rawlins, 1939
 V. cherry rusty mottle
 Posnette, A.F., 1954
 Posnette, A.F. and R. Cropley, 1956
 Reeves, E.L., 1940
 Zeller, S.M. and J.A. Milbrath, 1947
 V. cherry sunken mottle *
 Posnette, A.F., 1954
 V. cherry twisted leaf
 Lott, T.B., 1943
 Reeves, E.L. and Philip W. Cheney, 1956
 V. cherry vein clearing *
 Zeller, S.M. and A.W. Evans, 1941
 V. clover enation *
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. elm mosaic
 Callahan, Kemper L. and J. Duain Moore, 1957
 V. (flowering) cherry rough bark
 Nichols, Carl W. and R.L. McClain, 1957
 V. peach asteroid spot
 Richards, B.L. and L.C. Cochran, 1956
 V. peach mottle
 Blodgett, Earle C., 1941
 V. peach necrotic leaf spot
 Cation, Donald, 1942
 Richards, B.L. and L.C. Cochran, 1956
 V. peach ring spot
 Cation, Donald, 1952
 Cochran, L.C. and Lee M. Hutchins, 1941
 Gilmer, R.M., 1954, 1955
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 Hildebrand, E.M., 1944
 Milbrath, J.A., 1950
 Millikan, D.F., 1953, 1955
 Posnette, A.F., 1954
 Posnette, A.F. and R. Cropley, 1956
 Tomlinson, N., 1955
 Willison, R.S. and G.H. Berkeley, 1946
 V. peach rosette
 McClintock, J.A., 1923
 V. peach wart
 Zeller, S.M. and J.A. Milbrath, 1945
- P. avium, L. (cont.)
 V. peach western X disease
 Jensen, D.D. and H. Earl Thomas, 1954, 1955
 Kaloostian, George H., 1951
 Kaloostian, George H., Mervin W. Nielson and L.S. Jones, 1951
 Lott, T.B., 1950
 Rawlins, T.E., 1939
 Rawlins, T.E. and W.T. Horne, 1931
 Rawlins, T.E. and K.G. Parker, 1934
 Rawlins, T.E. and H. Earl Thomas, 1941
 Richards, B.L., L.M. Hutchins and E.L. Reeves, 1949
 Richards, B.L., E.L. Reeves and L.M. Hutchins, 1946
 Schneider, Henry, 1945
 Thomas, H. Earl, 1940
 Thomas, H. Earl and T.E. Rawlins, 1941
 Wadley, Bryce N., 1952
 Wilks, Jack M. and J.A. Milbrath, 1956
 Zeller, S.M. and J.A. Milbrath, 1948, 1950
 V. peach X disease
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
 V. peach yellow bud mosaic
 Thomas, H. Earl, 1940
 Thomas, H. Earl and T.E. Rawlins, 1939
 V. plum line pattern
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 Richards, B.L. and L.C. Cochran, 1956
 Willison, R.S., 1945
 Zeller, S.M. and J.A. Milbrath, 1942
 V. prune dwarf
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 Willison, R.S., 1944
 V. (sour) cherry yellows
 Cation, Donald, 1952
 Richards, B.L. and L.C. Cochran, 1956
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 V. stone fruit ring spot *
 Heinis, Julius L., 1956
 Heinis, J.L. and J.A. Milbrath, 1954
 Richards, B.L. and L.C. Cochran, 1956
 V. tobacco ring spot
 Wilkinson, R.E., 1952
 P. avium on P. avium, L.
 V. peach western X disease
 Richards, B.L. and L.C. Cochran, 1956
 P. avium x P. cerasus, L.
 V. cherry mottle leaf
 Reeves, E.L., 1941
 V. cherry necrotic rusty mottle
 Richards, B.L. and L.C. Cochran, 1956
 V. peach mosaic
 Bodine, E.W. and L.W. Durrell, 1941
 P. avium on P. mahaleb, L.
 V. peach western X disease
 Richards, B.L. and L.C. Cochran, 1956
 P. besseyi, Bailey
 V. elm mosaic
 Callahan, Kemper L. and J. Duain Moore, 1957
 V. peach mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. peach necrotic leaf spot
 Fridlund, Paul R., 1954
 V. peach ring spot
 Gilmer, R.M., 1954, 1955
 Moore, J. Duain and G.W. Keitt, 1946
 V. peach western X disease
 Richards, B.L. and L.C. Cochran, 1956
 V. peach X disease
 Fridlund, Paul R., 1954
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954

- Prunus besseyi*, Bailey x *P. hortulana*, Bailey
 V. peach necrotic leaf spot
 Fridlund, Paul R., 1954
- P. besseyi* x *P. salicina*, Lindl.
 V. peach necrotic leaf spot
 Fridlund, Paul R., 1954
- P. blirieana*, Carr.
 V. peach ring spot
 Gilmer, R.M., 1954, 1955
- P. bokhariensis*, Royle
 V. peach ring spot
 Gilmer, R.M., 1955
- P. bucharica*, B. Fedtsch.
 V. peach ring spot
 Gilmer, R.M., 1955
- P. campanulata*, Maxim.
 V. peach ring spot
 Gilmer, R.M., 1955
- P. canescens*, Vilm. & Bois.
 V. peach ring spot
 Gilmer, R.M., 1954, 1955
- P. caroliniana*, (Mill.) Ait.
 V. peach ring spot
 Gilmer, R.M., 1954, 1955
- P. cerasifera*, Ehrh.
 V. apple mosaic
 Posnette, A.F. and Christina E. Ellenberger, 1957
- V. apricot moorpark mottle
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. cherry rasp leaf
 Posnette, A.F., 1954
- V. cherry rugose mosaic
 Posnette, A.F., 1954
- V. peach little peach
 Manns, T.F., 1942
- V. peach mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. peach ring spot
 Cochran, L.C. and Lee M. Hutchins, 1941
- Gilmer, R.M., 1954, 1955
- Posnette, A.F., 1954
- Willison, R.S. and G.H. Berkeley, 1946
- V. peach yellows
 Manns, T.F., 1942
- V. plum bark split
 Posnette, A.F. and Christina E. Ellenberger, 1957
- V. plum line pattern
 Cochran, L.C. and L.M. Hutchins, 1937
- Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
- Richards, B.L. and L.C. Cochran, 1956
- Thomas, H. Earl and T.E. Rawlins, 1939
- Willison, R.S., 1945
- V. prune dwarf
 Willison, R.S., 1944
- P. cerasifera* var. *pissardii*, Koehne
 V. peach little peach
 Manns, T.F., 1942
- V. peach ring spot
 Gilmer, R.M., 1954
- V. peach yellows
 Manns, T.F., 1942
- P. cerasoides*, D. Don
 V. peach ring spot
 Gilmer, R.M., 1955
- P. cerasus*, L.
 V. cherry bark splitting *
 Cameron, H. Ronald, 1954
- Milbrath, J.A., 1957
- V. cherry bud abortion disease *
 Milbrath, J.A. and H.E. Williams, 1956
- V. cherry dusty yellows
 Posnette, A.F., 1954
- V. cherry green ring mottle *
 Fink, Harry C., 1955
- Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
- Parker, K.G. and E.J. Klos, 1953
- V. cherry little cherry
 Milbrath, J.A. and H.E. Williams, 1956
- Wilks, Jack M. and J.A. Milbrath, 1956
- P. cerasus, L. (cont.)
 V. cherry midleaf necrosis *
 Milbrath, J.A., 1957
- V. cherry mottle leaf
 Reeves, E.L., 1941
- Richards, B.L. and L.C. Cochran, 1956
- V. cherry necrotic rusty mottle
 Richards, B.L. and L.C. Cochran, 1956
- Richards, B.L. and Bryce N. Wadley, 1950
- V. cherry rasp leaf
 Blodgett, Earle C., 1943
- Posnette, A.F., 1954
- Richards, B.L. and L.C. Cochran, 1956
- V. cherry rugose mosaic
 Berkeley, G.H., 1950
- Hildebrand, E.M., 1944
- Posnette, A.F., 1954
- Richards, B.L. and L.C. Cochran, 1956
- V. cherry rusty mottle
 Posnette, A.F., 1954
- Zeller, S.M. and J.A. Milbrath, 1947
- V. elm mosaic
 Callahan, Kemper L. and J. Duain Moore, 1957
- V. peach mottle
 Blodgett, Earle C., 1941
- V. peach necrotic leaf spot
 Richards, B.L. and L.C. Cochran, 1956
- V. peach ring spot
 Berkeley, G.H. and R.S. Willison, 1948
- Cation, Donald, 1949, 1952
- Fink, Harry C., 1950, 1955
- Fulton, Robert W., 1956
- Gilmer, R.M., 1954, 1955
- Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
- Hildebrand, E.M., 1944
- Milbrath, J.A., 1950, 1952, 1957
- Millikan, D.F. and A.D. Hibbard, 1952
- Moore, J. Duain and G.W. Keitt, 1944, 1946
- Moore, J. Duain and D.A. Slack, 1952
- Nyland, George, 1952
- Parker, K.G. and L.C. Cochran, 1951
- Posnette, A.F., 1954
- Willison, R.S. and G.H. Berkeley, 1946
- V. peach rosette mosaic
 Fink, Harry C., 1955
- V. peach stunt *
 Milbrath, J.A., 1957
- V. peach western X disease
 Kalostean, George H., 1951
- Nielson, Mervin W. and Laurence S. Jones, 1954
- Rawlins, T.E. and K.G. Parker, 1934
- Rawlins, T.E. and H. Earl Thomas, 1941
- Richards, B.L., L.M. Hutchins and E.L. Reeves, 1949
- Richards, B.L., E.L. Reeves and Lee M. Hutchins, 1946
- Schneider, Henry, 1945
- Wilks, Jack M. and J.A. Milbrath, 1956
- Zeller, S.M. and J.A. Milbrath, 1948, 1950
- V. peach X disease
 Fridlund, Paul R., 1954
- Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
- Hildebrand, E.M., 1953
- Palmeter, D.H. and K.G. Parker, 1948
- Parker, K.G. and D.H. Palmeter, 1948
- V. plum line pattern
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
- Richards, B.L. and L.C. Cochran, 1956
- Willison, R.S., 1945
- V. prune dwarf
 Fink, Harry C., 1955
- Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
- Milbrath, J.A., 1957
- Moore, J. Duain and H.R. Cameron, 1956
- Willison, R.S., 1944
- V. prunus A *
 Ehlers, Clifford G. and J. Duain Moore, 1957
- Fulton, Robert W., 1957
- V. prunus B *
 Ehlers, Clifford G. and J. Duain Moore, 1957

- Prunus cerasus*, L. (cont.)
 V. *prunus* B *
 Fulton, Robert W., 1957
 V. *prunus* E *
 Ehlers, Clifford G. and J. Duain Moore, 1957
 Fulton, Robert W., 1957
 V. *prunus* G *
 Ehlers, Clifford G. and J. Duain Moore, 1957
 Fulton, Robert W., 1957
 V. (sour) cherry yellows
 Berkeley, G.H. and R.S. Willison, 1948
 Cation, Donald, 1952
 Fink, Harry C., 1955
 Fulton, Robert W., 1956
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 Hildebrand, E.M., 1942, 1943, 1944
 Hildebrand, E.M. and W.D. Mills, 1941
 Keitt, G.W. and C.N. Clayton, 1939, 1940, 1941, 1943
 Milbrath, J.A., 1957
 Moore, J. Duain and H.R. Cameron, 1956
 Moore, J. Duain and G.W. Keitt, 1944, 1946
 Moore, J. Duain and D.A. Slack, 1952
 Nyland, George, 1952
 Rasmussen, E.J. and Donald Cation, 1942
 Richards, B.L. and L.C. Cochran, 1956
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 V. stone fruit necrotic ring spot *
 Moore, J. Duain and H.R. Cameron, 1956
 V. stone fruit ring spot *
 Heinis, J.L. and J.A. Milbrath, 1954
 Millikan, D.F., 1955
 Richards, B.L. and L.C. Cochran, 1956
P. cerasus var. *umbraculifera* *
 V. cherry rasp leaf
 Milbrath, J.A., 1954
P. cerasus on *P. avium*, L.
 V. peach western X disease
 Richards, B.L. and L.C. Cochran, 1956
P. cerasus on *P. mahaleb*, L.
 V. peach western X disease
 Richards, B.L. and L.C. Cochran, 1956
P. cistena *
 V. peach ring spot
 Gilmer, R.M., 1954, 1955
 Young, H.C., Jr., 1951
P. communis, Fritsch
 V. almond calico
 Thomas, H. Earl and T.E. Rawlins, 1939
 V. peach little peach
 Manns, T.F., 1942
 V. peach mosaic
 Bodine, E.W. and L.W. Durrell, 1941
 V. peach ring spot
 Gilmer, R.M., 1954, 1955
 V. peach western X disease
 Rawlins, T.E. and H. Earl Thomas, 1941
 V. peach X disease
 Hildebrand, E.M., 1953
 V. peach yellow bud mosaic
 Thomas, H. Earl and T.E. Rawlins, 1939
 V. peach yellows
 Manns, T.F., 1942
P. communis x *P. fenzliana*, Fritsch
 V. peach western X disease
 Rawlins, T.E. and H. Earl Thomas, 1941
P. conradinae, Koehne
 V. peach ring spot
 Gilmer, R.M., 1955
P. cyclamina, Koehne
 V. peach ring spot
 Gilmer, R.M., 1955
P. dasycarpa, Ehrh.
 V. peach ring spot
 Gilmer, R.M., 1955
P. davidiana, (Carr.) Franch. (*Amygdalus davidiana*, (Carr.) Zabel)
 V. peach mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. peach ring spot
 Gilmer, R.M., 1955
 V. peach ring spot
 (Carr.) Zabel) (cont.)
 V. peach western X disease
 Rawlins, T.E. and H. Earl Thomas, 1941
 V. phony peach
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
P. davidiana x *P. communis*, Fritsch
 V. peach western X disease
 Rawlins, T.E. and H. Earl Thomas, 1941
P. demissa, (Nutt.) Walp.
 V. peach ring spot
 Gilmer, R.M., 1955
 V. peach western X disease
 Richards, B.L. and Lee M. Hutchins, 1941
 Richards, B.L., L.M. Hutchins and E.L. Reeves, 1949
 Wilks, Jack M. and J.A. Milbrath, 1956
 Zeller, S.M. and J.A. Milbrath, 1950
P. demissa var. *melanocarpa*, (A. Nels.) Sarg.
 V. peach X disease
 Hildebrand, E.M., 1953
P. dielsiana *
 V. peach ring spot
 Gilmer, R.M., 1955
P. domestica, L.
 V. apple mosaic
 Posnette, A.F. and Christina E. Ellenberger, 1957
 V. apricot ring pox
 Simonds, Austin O., 1951
 V. cherry mottle *
 Hildebrand, E.M., 1944
 V. cherry rugose mosaic
 Nyland, George, 1954
 V. cherry rusty mottle
 Zeller, S.M. and J.A. Milbrath, 1947
 V. elm mosaic
 Callahan, Kemper L. and J. Duain Moore, 1957
 V. peach asteroid spot
 Richards, B.L. and L.C. Cochran, 1956
 V. peach little peach
 Manns, T.F., 1942
 V. peach mosaic
 Bodine, E.W., 1937
 Bodine, E.W. and L.W. Durrell, 1941
 Cochran, L.C. and L.M. Hutchins, 1937, 1938
 V. peach ring spot
 Berkeley, G.H., 1947
 Berkeley, G.H. and R.S. Willison, 1948
 Gilmer, R.M., 1954, 1955
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 Moore, J. Duain, 1951
 Willison, R.S. and G.H. Berkeley, 1946
 V. peach rosette
 McClintock, J.A., 1923, 1931
 V. peach rosette mosaic
 Cation, Donald, 1942
 V. peach X disease
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Gilmer, R.M., 1951
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
 V. peach yellows
 Manns, T.F., 1942
 V. plum bark split
 Posnette, A.F. and Christina E. Ellenberger, 1957
 V. plum line pattern
 Bodine, E.W. and L.W. Durrell, 1941
 Cochran, L.C. and L.M. Hutchins, 1937, 1938
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 Moore, J. Duain and H.R. Cameron, 1956
 Willison, R.S., 1945
 V. plum white spot
 Valleau, W.D., 1932
 V. prune diamond canker
 Smith, Ralph E., 1941
 Yarwood, C.E. and H.E. Thomas, 1954
 V. prune dwarf
 Cochran, L.C., 1956
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957

- Prunus domestica*, L. (cont.)
- V. prune dwarf
 - Hildebrand, E.M., 1942
 - Moore, J. Duain and H.R. Cameron, 1956
 - Richards, B.L. and L.C. Cochran, 1956
 - Thomas, H.E. and E.M. Hildebrand, 1936
 - Willison, R.S., 1944
 - V. (sour) cherry yellows
 - Berkeley, G.H., 1947
 - Berkeley, G.H. and R.S. Willison, 1948
 - Hildebrand, E.M., 1944
 - Moore, J. Duain, 1951
 - Moore, J. Duain and H.R. Cameron, 1956
 - Richards, B.L. and L.C. Cochran, 1956
 - V. (standard) prune constricting mosaic
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Thomas, H. Earl and T.E. Rawlins, 1939
 - V. stone fruit *
 - Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 - V. stone fruit necrotic ring spot *
 - Fridlund, Paul R., 1954
 - Moore, J. Duain and H.R. Cameron, 1956
 - V. stone fruit ring spot *
 - Richards, B.L. and L.C. Cochran, 1956
 - P. dropmoreana* *
 - V. peach ring spot
 - Gilmer, R.M., 1954, 1955
 - P. dunbarii*, Rehder
 - V. peach ring spot
 - Gilmer, R.M., 1954, 1955
 - V. peach X disease
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Gilmer, R.M., 1951
 - Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
 - V. stone fruit *
 - Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 - P. effusa* *
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. emarginata*, (Dougl.) Walp.
 - V. cherry mottle leaf
 - Reeves, E.L., 1941
 - Richards, B.L. and L.C. Cochran, 1956
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. fasciculata*, A. Gray
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. fenzliana*, Fritsch
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - V. peach western X disease
 - Rawlins, T.E. and H. Earl Thomas, 1941
 - P. fontanesiana*, Schneid.
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. fremonti*, S. Wats.
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. fruticosa*, Pall.
 - V. peach ring spot
 - Gilmer, R.M., 1954, 1955
 - P. gigantea* *
 - V. apple mosaic
 - Posnette, A.F. and Christina E. Ellenberger, 1957
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. glandulifolia*, Rupr. ex Maxim.
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. glandulosa*, Thunb.
 - V. peach ring spot
 - Gilmer, R.M., 1954, 1955
 - V. peach X disease
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Gilmer, R.M., 1951
 - Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
 - V. stone fruit *
 - Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 - P. gracilis*, Engelm. & Gray
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. gravisii*, Small
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. grayana*, Maxim.
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. hillieri* *
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. hortulana*, Bailey
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - V. peach X disease
 - Hildebrand, E.M., 1953
 - P. phony peach*
 - Hutchins, Lee M., L.C. Cochran, W.F. Turner and J.H. Weinberger, 1953
 - Hutchins, Lee M. and John L. Rue, 1949
 - P. hybrid*
 - V. plum line pattern
 - Richards, B.L. and L.C. Cochran, 1956
 - P. ilicifolia*, (Nutt.) Walp.
 - V. peach ring spot
 - Gilmer, R.M., 1954, 1955
 - P. incana*, Stev.
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. incisa*, Thunb.
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. insititia*, L.
 - V. apple mosaic
 - Posnette, A.F. and Christina E. Ellenberger, 1957
 - V. peach little peach
 - Manns, T.F., 1942
 - V. peach mosaic
 - Bodine, E.W. and L.W. Durrell, 1941
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - V. peach rosette
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. peach yellows
 - Manns, T.F., 1942
 - V. prune dwarf
 - Hildebrand, E.M., 1942
 - P. jacquemontii*, Hook. f.
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. japonica*, Thunb.
 - V. peach ring spot
 - Gilmer, R.M., 1954, 1955
 - V. peach X disease
 - Fridlund, Paul R., 1954
 - Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
 - Hildebrand, E.M., 1953
 - V. stone fruit *
 - Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 - P. judii*, X E. Anders.
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. kansuensis*, Rehder
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. lanata*, Mack. & Bush.
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. lannesiana*, Wils.
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - V. peach X disease
 - Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
 - P. laucheana*, Bolle
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. laurocerasus*, L.
 - V. peach ring spot
 - Gilmer, R.M., 1954, 1955
 - P. lobulata*, Koehne
 - V. peach ring spot
 - Gilmer, R.M., 1955

- Prunus lusitanica*, L.
 V. peach ring spot
 Gilmer, R.M., 1955
 V. peach yellow bud mosaic
 Thomas, H. Earl, 1940
P. lycioides, C.K. Schneid.
 V. peach ring spot
 Gilmer, R.M., 1955
P. lyoni, (Eastw.) Sarg.
 V. peach ring spot
 Gilmer, R.M., 1954, 1955
P. maackii, Rupr.
 V. peach ring spot
 Gilmer, R.M., 1954, 1955
 V. peach X disease
 Gilmer, R.M., 1951
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
P. mahaleb, L.
 V. cherry chlorosis *
 Keitt, G.W. and C.N. Clayton, 1941
 V. cherry mottle leaf
 Reeves, E.L., 1941
 V. cherry rasp leaf
 Posnette, A.F., 1954
 V. cherry rugose mosaic
 Berkeley, G.H., 1950
 Thomas, H. Earl and T.E. Rawlins, 1939
 V. cherry rusty mottle
 Zeller, S.M. and J.A. Milbrath, 1947
 V. elm mosaic
 Callahan, Kemper L. and J. Duain Moore, 1957
 V. peach ring spot
 Berkeley, G.H. and R.S. Willison, 1948
 Cation, Donald, 1949, 1952
 Cochran, L.C. and Lee M. Hutchins, 1941
 Fink, Harry C., 1950, 1955
 Gilmer, R.M., 1954, 1955
 Milbrath, J.A., 1957
 Posnette, A.F., 1954
 Willison, R.S. and G.H. Berkeley, 1946
 V. peach western X disease
 Rawlins, T.E. and H. Earl Thomas, 1941
 Schneider, Henry, 1945
 V. peach X disease
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
 V. plum line pattern
 Cation, Donald, 1941
 Willison, R.S., 1945
 V. prune dwarf
 Willison, R.S., 1944
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
 V. (sour) cherry yellows
 Berkeley, G.H. and R.S. Willison, 1948
 Cation, Donald, 1949, 1952
 Keitt, G.W. and C.N. Clayton, 1943
 Rasmussen, E.J. and Donald Cation, 1942
 Richards, B.L. and L.C. Cochran, 1956
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 V. stone fruit ring spot *
 Heinis, J.L. and J.A. Milbrath, 1954
P. makii *
 V. peach X disease
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
P. maritima, Marsh.
 V. peach ring spot
 Gilmer, R.M., 1954, 1955
 V. peach X disease
 Gilmer, R.M., 1951
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
 P. maximowiczi, Rupr.
 V. peach ring spot
 Gilmer, R.M., 1955
P. mexicana, S. Wats.
 V. peach mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. peach ring spot
 Gilmer, R.M., 1955
 V. phony peach
 Hutchins, Lee M., L.C. Cochran, W.F. Turner and J.H. Weinberger, 1953
 Hutchins, Lee M. and John L. Rue, 1949
P. meyeri, Boeckel
 V. peach ring spot
 Gilmer, R.M., 1955
P. mira, Koehne
 V. peach ring spot
 Gilmer, R.M., 1955
 V. peach western X disease
 Rawlins, T.E. and H. Earl Thomas, 1941
P. mira x *P. persica*, (L.) Batsch
 V. peach western X disease
 Rawlins, T.E. and H. Earl Thomas, 1941
P. mollis, Walp.
 V. cherry little cherry
 Wilks, J.M. and M.F. Welsh, 1955
P. monticola, C. Koch
 V. peach ring spot
 Gilmer, R.M., 1955
P. mugus, Hand.-Mazz.
 V. peach ring spot
 Gilmer, R.M., 1955
P. mume, Sieb. & Zucc.
 V. peach asteroid spot
 Richards, B.L. and L.C. Cochran, 1956
 V. peach mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. peach ring spot
 Gilmer, R.M., 1955
 V. peach yellow bud mosaic
 Thomas, H. Earl and T.E. Rawlins, 1939
 V. phony peach
 Hutchins, Lee M. and John L. Rue, 1949
P. munsoniana, Wight & Hedr.
 V. peach little peach
 Manns, T.F., 1942
 V. peach mosaic
 Richards, B.L. and L.C. Cochran, 1956
 V. peach ring spot
 Gilmer, R.M., 1955
 V. peach X disease
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. peach yellows
 Manns, T.F., 1942
 V. phony peach
 Bruer, H.L. and C.E. Shepard, 1952
P. munsoniana x *P. salicina*, Lindl.
 V. peach little peach
 Manns, T.F., 1942
 V. peach yellows
 Manns, T.F., 1942
P. nana, Stokes
 V. peach ring spot
 Gilmer, R.M., 1954, 1955
P. newporti, Hort.
 V. peach ring spot
 Gilmer, R.M., 1954, 1955
 V. peach X disease
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
P. nigra, Ait.
 V. peach ring spot
 Gilmer, R.M., 1955
P. nipponica, Matsum.
 V. peach ring spot
 Gilmer, R.M., 1955
P. nipponica var. *kurilensis*, (Miyabe) Wilson
 V. peach ring spot
 Gilmer, R.M., 1955
P. padus, L.
 V. peach ring spot
 Gilmer, R.M., 1954, 1955

- Prunus padus*, L. (cont.)
- V. peach X disease
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Gilmer, R.M., 1951
 - Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
 - V. stone fruit *
 - Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 - P. *padus* var. *cornuta*, Henry
 - V. peach ring spot
 - Gilmer, R.M., 1955
 - P. *pensylvanica*, L. f.
 - V. elm mosaic
 - Callahan, Kemper L. and J. Duain Moore, 1957
 - V. peach ring spot
 - Gilmer, R.M., 1954, 1955
 - V. peach X disease
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Gilmer, R.M., 1951
 - Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
 - V. prunus A *
 - Fulton, Robert W., 1957
 - V. prunus B *
 - Fulton, Robert W., 1957
 - V. prunus E *
 - Fulton, Robert W., 1957
 - V. prunus G *
 - Fulton, Robert W., 1957
 - V. (sour) cherry yellows
 - Keitt, G.W. and C.N. Clayton, 1943
 - V. stone fruit *
 - Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 - P. *persica*, (L.) Batsch (*Amygdalus persica*, L.)
 - V. almond calico
 - Thomas, H. Earl and T.E. Rawlins, 1939
 - V. apple mosaic
 - Kirkpatrick, Hugh C., 1955
 - Posnette, A.F. and Christina E. Ellenberger, 1957
 - V. apricot moorpark mottle
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. apricot ring pox
 - Simonds, Austin O., 1951
 - Yarwood, C.E., 1957
 - V. cherry dusty yellows
 - Posnette, A.F., 1954
 - V. cherry mottle leaf
 - Richards, B.L. and L.C. Cochran, 1956
 - V. cherry necrotic etch *
 - Posnette, A.F., 1954
 - V. cherry necrotic rusty mottle
 - Richards, B.L. and L.C. Cochran, 1956
 - Richards, B.L. and Bryce N. Wadley, 1950
 - V. cherry rasp leaf
 - Posnette, A.F., 1954
 - V. cherry rugose mosaic
 - Berkeley, G.H., 1950
 - Nyland, George, 1954
 - Posnette, A.F., 1954
 - Thomas, H. Earl and T.E. Rawlins, 1939
 - V. cherry rusty mottle
 - Posnette, A.F., 1954
 - Zeller, S.M. and J.A. Milbrath, 1947
 - V. cherry sunken mottle *
 - Posnette, A.F., 1954
 - V. cherry twisted leaf
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. elm mosaic
 - Moore, J. Duain and E.H. Varney, 1954
 - V. (flowering) cherry rough bark
 - Nichols, Carl W. and R.L. McClain, 1957
 - V. peach asteroid spot
 - Clayton, C.N., 1949
 - Cochran, L.C. and Clayton O. Smith, 1938
 - Richards, B.L. and L.C. Cochran, 1956
 - V. peach blotch
 - Willison, R.S., 1946
 - V. peach calico
 - Blodgett, Earle C., 1944
 - V. peach little peach
 - Cook, M.T., 1922
 - Kunkel, L.O., 1936, 1938
 - Manns, T.F., 1936, 1942
 - P. *persica*, (L.) Batsch (*Amygdalus persica*, L.) (cont.)
 - V. peach mosaic
 - Bennett, C.W., 1944
 - Bodine, E.W., 1937, 1942
 - Bodine, E.W. and L.W. Durrell, 1941
 - Cation, D., 1934
 - Cochran, L.C. and L.M. Hutchins, 1937
 - Cochran, L.C. and John L. Rue, 1944, 1946
 - Hutchins, L.M., 1933
 - Hutchins, Lee M. and L.C. Cochran, 1940
 - Kunkel, L.O., 1938
 - Richards, B.L. and L.C. Cochran, 1956
 - Stout, Gilbert L., 1939
 - Wilson, Norton S., Laurence S. Jones and L.C. Cochran, 1955
 - V. peach mottle
 - Blodgett, Earle C., 1941
 - V. peach necrotic leaf spot
 - Cation, Donald, 1942
 - Richards, B.L. and L.C. Cochran, 1956
 - V. peach red suture
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. peach ring spot
 - Berkeley, G.H., 1947
 - Berkeley, G.H. and R.S. Willison, 1948
 - Cation, Donald, 1949
 - Cochran, L.C., 1950, 1952
 - Cochran, L.C. and Lee M. Hutchins, 1941
 - Cochran, L.C. and R.L. McClain, 1951
 - Fink, Harry C., 1950, 1955
 - Gilmer, R.M., 1954, 1955, 1956
 - Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 - Hildebrand, E.M., 1944
 - Moore, J. Duain and G.W. Keitt, 1944
 - Posnette, A.F., 1954
 - Willison, R.S. and G.H. Berkeley, 1946
 - Yarwood, C.E., 1957
 - Young, H.C., Jr., 1951
 - V. peach rosette
 - KenKnight, Glenn, 1957
 - Kunkel, L.O., 1936, 1938
 - McClintock, J.A., 1923, 1931
 - V. peach rosette mosaic
 - Cation, Donald, 1942
 - Hildebrand, E.M., 1941
 - V. peach wart
 - Blodgett, Earle C., 1941, 1943, 1946
 - Zeller, S.M. and J.A. Milbrath, 1945
 - V. peach western X disease
 - Jensen, D.D., 1953, 1955, 1957
 - Jensen, D.D. and H. Earl Thomas, 1954, 1955
 - Kaloostian, George H., 1951
 - Keener, Paul D., 1953
 - Nielson, Mervin W. and Laurence S. Jones, 1954
 - Nyland, George, 1955
 - Nyland, George and Archie Schlocker, 1951
 - Rawlins, T.E. and H. Earl Thomas, 1941
 - Richards, B.L. and L.C. Cochran, 1956
 - Richards, B.L. and Lee M. Hutchins, 1941
 - Richards, B.L., L.M. Hutchins and E.L. Reeves, 1949
 - Schneider, Henry, 1945
 - Thomas, H. Earl, 1940
 - Thomas, H. Earl and T.E. Rawlins, 1941
 - Thomas, H. Earl, T.E. Rawlins and K.G. Parker, 1940
 - Wadley, Bryce N., 1952
 - Weathers, Lewis G. and George W. Cochran, 1950
 - Wilks, Jack M. and J.A. Milbrath, 1956
 - Wolfe, H.R., 1955
 - Wolfe, H.R., E.W. Anthon and L.S. Jones, 1950
 - Zeller, S.M. and J.A. Milbrath, 1948, 1950
 - V. peach X disease
 - Fridlund, Paul R., 1954
 - Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
 - Hildebrand, E.M., 1943, 1953
 - Hildebrand, E.M. and D.H. Palmriter, 1940
 - Kunkel, L.O., 1944
 - Palmriter, D.H. and E.M. Hildebrand, 1943
 - Palmriter, D.H. and K.G. Parker, 1948
 - Parker, K.G. and D.H. Palmriter, 1948

- Prunus persica*, (L.) Batsch (*Amygdalus persica*, L.)
 V. peach X disease (cont.)
 Slack, Derald A., 1952
 Stoddard, E.M., 1938, 1947
 Thornberry, H.H., 1954
 V. peach yellow bud mosaic
 Alcorn, Stanley M., Stephen Wilhelm and H. Earl Thomas, 1955
 Schlocker, Archie, H. Keith Wagnon and James R. Breece, 1957
 Thomas, H. Earl, 1940
 Thomas, H. Earl and T.E. Rawlins, 1939
 Thomas, H. Earl, C. Emlen Scott, E.E. Wilson and J.H. Freitag, 1944
 Wagnon, H. Keith and James R. Breece, 1955
 Yarwood, C.E., 1956, 1957
 Yarwood, C.E. and H.E. Thomas, 1954
 V. peach yellows
 Blake, M.A., Mel. T. Cook and C.H. Connors, 1921
 Cook, M.T., 1922
 Kunkel, L.O., 1936, 1938
 Manns, T.F., 1936, 1942
 V. phony peach
 Hutchins, L.M., 1929, 1939
 Hutchins, Lee M., L.C. Cochran, W.F. Turner and J.H. Weinberger, 1953
 Hutchins, Lee M. and John L. Rue, 1949
 KenKnight, Glenn, 1957
 V. plum line pattern
 Cation, Donald, 1941
 Cochran, L.C. and L.M. Hutchins, 1937, 1938
 Richards, B.L. and L.C. Cochran, 1956
 Willison, R.S., 1945
 V. plum white spot
 Thomas, H. Earl and T.E. Rawlins, 1939
 Valleau, W.D., 1932
 V. prune dwarf
 Hildebrand, E.M., 1942
 Richards, B.L. and L.C. Cochran, 1956
 Willison, R.S., 1944
 V. (sour) cherry yellows
 Berkeley, G.H., 1947
 Berkeley, G.H. and R.S. Willison, 1948
 Cation, Donald, 1949
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 Hildebrand, E.M., 1942, 1943, 1944
 Rasmussen, E.J. and Donald Cation, 1942
 Richards, B.L. and L.C. Cochran, 1956
 Young, H.C., Jr., 1951
 V. (standard) prune constricting mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Thomas, H. Earl and T.E. Rawlins, 1939
 V. stone fruit ring spot *
 Heinis, Julius L., 1956
 Heinis, J.L. and J.A. Milbrath, 1954
 Richards, B.L. and L.C. Cochran, 1956
P. persica var. *nectarina*, (Ait.) Maxim. (*Amygdalus persica* var. *nectarina*, Ait.)
 V. peach asteroid spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. peach mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. peach necrotic leaf spot
 Richards, B.L. and L.C. Cochran, 1956
 V. peach western X disease
 Richards, B.L. and L.C. Cochran, 1956
 V. peach X disease
 Palmiter, D.H. and E.M. Hildebrand, 1943
 V. peach yellows
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. phony peach
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
P. persica var. *nucipersica*, Schneid.
 V. peach X disease
 Hildebrand, E.M., 1953
P. petunikowii, Rehder
 V. peach ring spot
 Gilmer, R.M., 1955
P. pilosiuscula, Koehne
 V. peach ring spot
 Gilmer, R.M., 1955
 P. pleiocerasus, Koehne
 V. peach ring spot
 Gilmer, R.M., 1955
P. potanini *
 V. peach ring spot
 Gilmer, R.M., 1955
P. pumila, L.
 V. peach ring spot
 Gilmer, R.M., 1955
 Moore, J. Duain and G.W. Keitt, 1946
 V. peach rosette
 McClintock, J.A., 1931
 V. peach X disease
 Gilmer, R.M., 1951
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
 Slack, Derald A., 1952
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
P. reverchonii, Sarg.
 V. peach ring spot
 Gilmer, R.M., 1955
P. rufa, Steud.
 V. peach ring spot
 Gilmer, R.M., 1955
P. salicina, Lindl.
 V. peach asteroid spot
 Richards, B.L. and L.C. Cochran, 1956
 V. peach little peach
 Manns, T.F., 1936, 1942
 V. peach mosaic
 Bodine, E.W. and L.W. Durrell, 1941
 Richards, B.L. and L.C. Cochran, 1956
 V. peach ring spot
 Gilmer, R.M., 1953, 1954, 1955
 Willison, R.S. and G.H. Berkeley, 1946
 V. peach rosette mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. peach X disease
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
 V. peach yellows
 Manns, T.F., 1936, 1942
 V. plum line pattern
 Bodine, E.W. and L.W. Durrell, 1941
 Cation, Donald, 1941
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 Willison, R.S., 1945
 V. plum white spot
 Thomas, H. Earl and T.E. Rawlins, 1939
 Valleau, W.D., 1932
 V. prune dwarf
 Hildebrand, E.M., 1942
 Willison, R.S., 1944
P. salicina x *P. simonii*, Carr.
 V. peach mosaic
 Bodine, E.W. and L.W. Durrell, 1941
 V. peach yellow bud mosaic
 Schlocker, Archie, H. Keith Wagnon and James R. Breece, 1957
P. sargentii, Rehd.
 V. peach ring spot
 Gilmer, R.M., 1955
P. scopulorum, Koehne
 V. peach ring spot
 Gilmer, R.M., 1955
P. serotina, Ehrh.
 V. elm mosaic
 Callahan, Kemper L. and J. Duain Moore, 1957
 V. peach ring spot
 Fink, Harry C., 1950, 1955
 Gilmer, R.M., 1954, 1955
 V. peach X disease
 Hildebrand, E.M., 1953
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957

- Prunus serotina*, Ehrh. (cont.)
 V. (sour) cherry yellows
 Keitt, G. W. and C. N. Clayton, 1943
 Richards, B. L. and L. C. Cochran, 1956
 V. stone fruit *
 Boyle, J. S., J. Duain Moore and G. W. Keitt, 1954
- P. serrula*, Franch.
 V. peach ring spot
 Gilmer, R. M., 1955
- P. serrulata*, Lindl.
 V. cherry little cherry
 Milbrath, J. A. and H. E. Williams, 1956
 V. cherry midleaf necrosis *
 Milbrath, J. A., 1957
 V. cherry rusty mottle
 Zeller, S. M. and J. A. Milbrath, 1947
 V. cherry vein clearing *
 Zeller, S. M. and A. W. Evans, 1941
 V. (flowering) cherry rough bark
 Milbrath, J. A. and S. M. Zeller, 1942
 Nichols, Carl W. and R. L. McClain, 1957
- V. peach ring spot
 Gilmer, R. M., 1954, 1955
 Gilmer, R. M., K. D. Brase and K. G. Parker, 1957
 Milbrath, J. A., 1952
 Tomlinson, N., 1955
- V. peach X disease
 Gilmer, R. M., J. Duain Moore and G. W. Keitt, 1954
- V. plum line pattern
 Richards, B. L. and L. C. Cochran, 1956
 Zeller, S. M. and J. A. Milbrath, 1942
- V. stone fruit ring spot *
 Heinis, Julius L., 1956
 Heinis, J. L. and J. A. Milbrath, 1954
 Richards, B. L. and L. C. Cochran, 1956
- P. setulosa*, Batalin
 V. peach ring spot
 Gilmer, R. M., 1955
- P. sibirica*, L.
 V. peach ring spot
 Gilmer, R. M., 1955
- P. sieboldii*, (Carr.) Wittm.
 V. peach ring spot
 Gilmer, R. M., 1954, 1955
- V. peach X disease
 Gilmer, R. M., J. Duain Moore and G. W. Keitt, 1954
- P. simonii*, Carr.
 V. peach little peach
 Manns, T. F., 1942
- V. peach ring spot
 Gilmer, R. M., 1955
- V. peach yellows
 Manns, T. F., 1942
- P. skinneri*, X Rehder
 V. peach ring spot
 Gilmer, R. M., 1955
- P. slavini*, X Palmer
 V. peach ring spot
 Gilmer, R. M., 1955
- P. spinosa*, L.
 V. peach ring spot
 Gilmer, R. M., 1955
- V. peach X disease
 Gilmer, R. M., J. Duain Moore and G. W. Keitt, 1954
- P. spp.*
 V. plum fruit crinkle *
 Chamberlain, E. E., J. D. Atkinson and J. A. Hunter, 1959
- P. ssiori*, Schmidt
 V. peach ring spot
 Gilmer, R. M., 1955
- P. subcordata*, Benth.
 V. peach ring spot
 Gilmer, R. M., 1955
- P. subhirtella*, Miq.
 V. peach ring spot
 Gilmer, R. M., 1955
- P. sultana* *
 V. peach ring spot
 Gilmer, R. M., 1955
- P. tangutica, Koehne
 V. peach mosaic
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- P. tenella, Batsch (*Amygdalus nana*, L.)
 V. peach ring spot
 Gilmer, R. M., 1954, 1955
- P. tomentosa, Thunb.
 V. cherry green ring mottle *
 Fink, Harry C., 1955
- V. peach mosaic
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- V. peach ring spot
 Fink, Harry C., 1950, 1955
 Gilmer, R. M., 1954, 1955, 1956
 Gilmer, R. M., K. D. Brase and K. G. Parker, 1957
 Young, H. C., Jr., 1951
- V. peach rosette mosaic
 Fink, Harry C., 1955
- V. peach western X disease
 Richards, B. L. and L. C. Cochran, 1956
- V. peach X disease
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 Gilmer, R. M., 1951
 Gilmer, R. M., J. Duain Moore and G. W. Keitt, 1954
- V. peach yellow bud mosaic
 Schlockner, Archie, H. Keith Wagnon and James R. Breece, 1957
- V. prune dwarf
 Fink, Harry C., 1955
- V. (sour) cherry yellows
 Fink, Harry C., 1955
 Young, H. C., Jr., 1951
- V. stone fruit necrotic ring spot *
 Fridlund, Paul R., 1954
- P. triloba, Lindl.
 V. peach ring spot
 Gilmer, R. M., 1954, 1955
- P. umbellata, Ell.
 V. peach ring spot
 Gilmer, R. M., 1955
- V. phony peach
 Bruer, H. L. and C. E. Shepard, 1952
 Bruer, H. L., C. E. Shepard and T. D. Persons, 1951
- P. umbellata var. *injucunda*, Sarg.
 V. phony peach
 Bruer, H. L. and C. E. Shepard, 1952
 Bruer, H. L., C. E. Shepard and T. D. Persons, 1951
- P. ursina, Kotschy ex Boiss.
 V. peach ring spot
 Gilmer, R. M., 1955
- P. ussuriensis, Kovalev & Kostina
 V. peach ring spot
 Gilmer, R. M., 1955
- P. venulosa, Sarg.
 V. peach ring spot
 Gilmer, R. M., 1955
- P. virginiana, L.
 V. cherry chlorosis *
 Keitt, G. W. and C. N. Clayton, 1941
- V. peach ring spot
 Gilmer, R. M., 1955
 Moore, J. Duain and G. W. Keitt, 1946
- V. peach western X disease
 Rawlins, T. E. and H. Earl Thomas, 1941
 Richards, B. L. and L. C. Cochran, 1956
 Richards, B. L., L. M. Hutchins and E. L. Reeves, 1949
 Richards, B. L., E. L. Reeves and Lee M. Hutchins, 1946
 Zeller, S. M. and J. A. Milbrath, 1948
- V. peach X disease
 Fridlund, Paul R., 1954
 Gilmer, R. M., 1951, 1954
 Gilmer, R. M., J. Duain Moore and G. W. Keitt, 1954
 Hildebrand, E. M., 1953
 Hildebrand, E. M. and D. H. Palmriter, 1940
 Palmriter, D. H. and E. M. Hildebrand, 1943
 Palmriter, D. H. and K. G. Parker, 1948

- Prunus virginiana*, L. (cont.)
 V. peach X disease
 Parker, K. G. and D. H. Palmeter, 1948
 Stoddard, E. M., 1947
 Thornberry, H. H., 1946, 1954
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
 V. (sour) cherry yellows
 Keitt, G. W. and C. N. Clayton, 1943
 Richards, B. L. and L. C. Cochran, 1956
 V. stone fruit *
 Boyle, J. S., J. Duain Moore and G. W. Keitt, 1954
 V. stone fruit necrotic ring spot *
 Fridlund, Paul R., 1954
P. virginiana var. *demissa*, (Torr. & Gray) Torr.
 V. cherry necrotic rusty mottle
 Richards, B. L. and L. C. Cochran, 1956
 V. peach ring spot
 Gilmer, R. M., 1954
 V. peach western X disease
 Kaloostian, George H., 1951
 Richards, B. L. and L. C. Cochran, 1956
P. yedoensis, Matsum.
 V. peach ring spot
 Gilmer, R. M., 1955
- PSOPHOCARPUS* Neck. 1790 (Leguminosae)
P. tetragonolobus, DC.
 V. cowpea mosaic
 Dale, W. T., 1949
- PSORALEA* L. 1742 (Leguminosae)
P. bituminosa, L.
 V. *psoralea bituminosa* mosaic *
 McKinney, H. H., 1928
 V. tobacco streak
 Fulton, Robert W., 1948
- PTERYGOTA* Schott & Endl. 1832 (Sterculiaceae)
P. macrocarpa, K. Schum.
 V. cacao swollen shoot
 Tinsley, T. W. and A. L. Wharton, 1958
- PYRETHRUM* Hall. 1742 (Compositae)
P. spp.
 V. aster yellows
 Kunkel, L. O., 1926
- PYRUS* ((Tourn.)) L. 1735 (Rosaceae)
P. aucuparia, Ehrh.
 V. ash infectious variegation
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- P. communis*, L.
 V. pear mosaic
 Posnette, A. F., 1957
 V. pear red mottle *
 Posnette, A. F., 1957
 V. pear stony pit
 Kienholz, J. R., 1939
 V. pear vein yellows *
 Posnette, A. F., 1957
 V. quince sooty ring spot *
 Posnette, A. F., 1957
 V. quince stunt *
 Posnette, A. F., 1957
- QUAMOCLIT* Tourn. ex Moench 1794 (Convolvulaceae)
Q. lobata, House
 V. beet curly top
 Freitag, Julius H. and Henry H. P. Severin, 1936
 V. sweet potato feathery mottle
 Webb, Raymond E., 1954
- Q. pennata*, Bojer
 V. tobacco mosaic
 Grant, T. J., 1934
- RADICULA* Dill. ex Moench 1794 (Cruciferae)
R. nasturtium-aquaticum, (L.) Brit. & Rend.
 V. cabbage black ring spot
 Tompkins, C. M., M. W. Gardner and H. Rex Thomas, 1938
- R. palustris*, (L.) Moench
 V. tobacco mosaic
 Holmes, Francis O., 1938
- RANUNCULUS* ((Tourn.)) L. 1735 (Ranunculaceae)
R. asiaticus, L.
 V. aster yellows
 Severin, Henry H. P. and Julius H. Freitag, 1934, 1945
 V. delphinium ring spot
 Severin, Henry H. P. and R. C. Dickson, 1942
 V. ranunculus mosaic
 Raabe, Robert D. and A. Herbert Gold, 1957
- R. spp.*
 V. anemone mosaic *
 Hollings, M., 1957
 V. tomato spotted wilt
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- RAPHANUS* ((Tourn.)) L. 1735 (Cruciferae)
R. raphanistrum, L.
 V. cabbage black ring spot
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 V. cauliflower mosaic
 Tompkins, C. M., 1937
 V. turnip crinkle
 Broadbent, L. and G. D. Heathcote, 1958
 V. turnip rosette *
 Broadbent, L. and G. D. Heathcote, 1958
 V. turnip yellow mosaic
 Broadbent, L. and G. D. Heathcote, 1958
- R. sativus*, L.
 V. aster yellows
 Frazier, Norman W. and Henry H. P. Severin, 1945
 Severin, Henry H. P. and Julius H. Freitag, 1945
 V. beet curly top
 Severin, Henry H. P., 1929, 1934
 V. cabbage ring necrosis
 Larson, R. H. and J. C. Walker, 1941
 V. cauliflower mosaic
 Alvarez-Garcia, L. A., 1951
 Berkeley, G. H. and J. H. Tremaine, 1954
 Caldwell, John and Ian W. Prentice, 1942
 Tompkins, C. M., 1937
 Tompkins, C. M. and H. Rex Thomas, 1938
 Walker, J. C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. cucumber mosaic
 Berkeley, G. H. and J. H. Tremaine, 1954
 V. radish mosaic
 Raychaudhuri, S. P. and P. S. Pathanian, 1955
 Severin, Henry H. P. and C. M. Tompkins, 1950
 Takahashi, William N., 1952
 Tompkins, C. M., 1939
 V. tobacco ring spot no. 2
 Price, W. C., 1940
 V. turnip crinkle
 Broadbent, L. and G. D. Heathcote, 1958
 V. turnip mosaic
 Tompkins, C. M., 1939
 Walker, J. C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. turnip rosette *
 Broadbent, L. and G. D. Heathcote, 1958
 V. turnip yellow mosaic
 Broadbent, L. and G. D. Heathcote, 1958
- R. sativus* var. *hortensis*, Backer *
 V. turnip mosaic
 Dale, W. T., 1948
- R. sativus* var. *longipinnatus*, Bailey *
 V. cabbage black ring spot
 Tompkins, C. M., M. W. Gardner and H. R. Thomas, 1937, 1938
- V. radish mosaic
 Tompkins, C. M., 1939

- Raphanus sativus*, L., var. *longipinnatus*, Bailey *
 V. *rape savoy* (cont.)
 Ling, Lee and Juhwa Y. Yang, 1940
 V. *turnip mosaic*
 Tompkins, C.M., 1938, 1939
- RESEDA* Tourn. ex L. 1735 (Resedaceae)
R. odorata, L.
 V. *aster yellows*
 Kunkel, L.O., 1926
 V. *beet curly top*
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. *beet yellows*
 Roland, G. and J. Tahon, 1961
 V. *cabbage black ring spot*
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. *clover big vein*
 Black, L.M., 1945
 V. *cucumber mosaic*
 Pound, Glenn S. and J.C. Walker, 1948
 V. *lucerne dwarf*
 Freitag, J.H., 1951
 V. *tobacco ring spot no. 2*
 Hildebrand, E.M., 1942
 Price, W.C., 1940
 V. *turnip crinkle*
 Broadbent, L. and G.D. Heathcote, 1958
 V. *turnip mosaic*
 Tompkins, C.M., 1938, 1939
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. *turnip rosette **
 Broadbent, L. and G.D. Heathcote, 1958
 V. *turnip yellow mosaic*
 Broadbent, L. and G.D. Heathcote, 1958
- RHAGODIA* R. Br. 1810 (Chenopodiaceae)
R. nutans, R. Br.
 V. *beet yellows*
 Roland, G. and J. Tahon, 1961
- RHEUM* L. 1735 (Polygonaceae)
R. officinale, Baill.
 V. *rhubarb mosaic **
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
R. rhabonticum, L.
 V. *beet curly top*
 Severin, Henry H.P., 1929
 V. *cabbage black ring spot*
 Tompkins, C.M., M.W. Gardner and H.R. Thomas, 1937, 1938
 V. *clover big vein*
 Black, L.M., 1945
 V. *cucumber mosaic*
 Price, W.C., 1940
 V. *lucerne dwarf*
 Freitag, J.H., 1951
 V. *lucerne mosaic*
 Price, W.C., 1940
 V. *prunus G **
 Fulton, Robert W., 1957
 V. *rhubarb ring spot **
 Vaughan, Edward K. and John W. Yale, Jr., 1953
 Yale, John W., Jr. and Edward K. Vaughan, 1954
 V. *tobacco necrosis*
 Price, W.C., 1940
 V. *tobacco ring spot*
 Price, W.C., 1940
 V. *tobacco ring spot no. 2*
 Price, W.C., 1940
 V. *tomato aspermy*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- RHUS* ((Tourn.)) L. 1737 (Anacardiaceae)
R. diversiloba, Torr. & Gray
 V. *lucerne dwarf*
 Freitag, J.H., 1951
- RHYNCHOSIA* Lour. 1790 (Leguminosae)
 (RYNCHOSIA) MacFad. 1837
R. hagenbeckii, Harms
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
R. minima, DC.
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
R. resinosa, Hochst. ex Baker
 V. *groundnut rosette*
 Evans, A.C., 1954
- RIBES* L. 1737 (Saxifragaceae)
R. grossularia, L.
 V. *gooseberry veinbanding*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
R. nigrum, L.
 V. *black currant reversion*
 Lees, A.H., 1925
 V. *black currant vein pattern*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
R. rubrum, L.
 V. *red currant mosaic*
 Hildebrand, E.M., 1939
 V. *red currant ring spot*
 Klessner, P.J., 1951
R. sativum, (Reichb.) Syme
 V. *tobacco ring spot no. 2*
 Hildebrand, E.M., 1941, 1942
- RICINUS* ((Tourn.)) L. 1735 (Euphorbiaceae)
R. communis, L.
 V. *tobacco necrosis*
 Price, W.C., 1940
 V. *tobacco ring spot*
 Cook, A.A., 1956
 Wingard, S.A., 1928
 V. *tobacco ring spot no. 2*
 Hildebrand, E.M., 1942
 Price, W.C., 1940
- ROBINIA* L. 1737 (Leguminosae)
R. pseudoacacia, L.
 V. *robinia brooming*
 Grant, Theodore J., 1939
 Hartley, C. and L.W.R. Jackson, 1933
 Jackson, L.W.R. and C. Hartley, 1933
 V. *tobacco streak*
 Fulton, Robert W., 1948
- RORIPPA* Scop. 1760 (Cruciferae)
 (RORIPA) Scop. 1760
R. curvisiliqua, Bessey
 V. *aster yellows*
 Frazier, Norman W. and Henry H.P. Severin, 1945
R. sylvestris, (L.) Bess.
 V. *aster yellows*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- ROSA* Tourn. ex L. 1735 (Rosaceae)
R. californica, Cham. & Schlecht.
 V. *lucerne dwarf*
 Freitag, J.H., 1951
 V. *rose rosette*
 Thomas, H. Earl and C. Emlen Scott, 1953
R. canina, L.
 V. *rose mosaic*
 Brierley, Philip and Floyd F. Smith, 1940
 V. *rose streak*
 Brierley, Philip and Floyd F. Smith, 1940
 V. *rose yellow mosaic*
 Brierley, Philip and Floyd F. Smith, 1940
R. chinensis, Jacq., var. *manetti*, Dipp.
 V. *rose mosaic*
 Brierley, Philip and Floyd F. Smith, 1940
 Nelson, R., 1930
 Thomas, H. Earl and L.M. Massey, 1939
 White, R.P., 1932

- Rosa chinensis*, Jacq., var. *manetti*, Dipp. (cont.)
- V. rose rosette
 - Thomas, H. Earl and C. Emlen Scott, 1953
 - V. rose yellow mosaic
 - Brierley, Philip and Floyd F. Smith, 1940
 - Thomas, H. Earl and L.M. Massey, 1939
 - (*R. chinensis*, Jacq. x *R. moschata*, Herrm.) x *R. foetida*, Herrm.
 - V. rose mosaic
 - Nelson, R., 1930 - R. rugosa*, Hemsl.
 - V. rose mosaic
 - Brierley, Philip and Floyd F. Smith, 1940
 - V. rose yellow mosaic
 - Brierley, Philip and Floyd F. Smith, 1940 - R. hybrid*
 - V. apple mosaic
 - Thomas, H. Earl and L.M. Massey, 1939
 - V. rose mosaic
 - Thomas, H. Earl and L.M. Massey, 1939
 - V. rose streak
 - Brierley, P., 1935
 - V. rose yellow mosaic
 - Thomas, H. Earl and L.M. Massey, 1939 - R. multiflora*, Thunb.
 - V. peach ring spot
 - Gilmer, R.M., 1956
 - V. rose mosaic
 - Brierley, Philip and Floyd F. Smith, 1940
 - Fulton, Robert W., 1952
 - Thomas, H. Earl and L.M. Massey, 1939
 - White, R.P., 1930, 1932
 - V. rose rosette
 - Thomas, H. Earl and C. Emlen Scott, 1953
 - V. rose streak
 - Brierley, Philip and Floyd F. Smith, 1940
 - V. rose yellow mosaic
 - Brierley, Philip and Floyd F. Smith, 1940
 - Thomas, H. Earl and L.M. Massey, 1939 - R. multiflora* x *R. chinensis*, Jacq.
 - V. rose mosaic
 - Brierley, Philip and Floyd F. Smith, 1940
 - V. rose streak
 - Brierley, Philip and Floyd F. Smith, 1940
 - V. rose yellow mosaic
 - Brierley, Philip and Floyd F. Smith, 1940 - R. noisettiana*, Thory
 - V. rose mosaic
 - Brierley, Philip and Floyd F. Smith, 1940
 - V. rose streak
 - Brierley, Philip and Floyd F. Smith, 1940
 - V. rose yellow mosaic
 - Brierley, Philip and Floyd F. Smith, 1940 - R. nutkana*, Presl
 - V. rose mosaic
 - Brierley, Philip and Floyd F. Smith, 1940
 - V. rose rosette
 - Thomas, H. Earl and C. Emlen Scott, 1953
 - V. rose streak
 - Brierley, Philip and Floyd F. Smith, 1940
 - V. rose yellow mosaic
 - Brierley, Philip and Floyd F. Smith, 1940 - R. odorata*, Sweet
 - V. peach yellow bud mosaic
 - Thomas, H. Earl and L.M. Massey, 1939
 - V. rose mosaic
 - Brierley, Philip and Floyd F. Smith, 1940
 - Nelson, R., 1930
 - Thomas, H. Earl and L.M. Massey, 1939
 - White, R.P., 1930, 1932, 1934
 - V. rose rosette
 - Thomas, H. Earl and C. Emlen Scott, 1953
 - V. rose streak
 - Brierley, Philip and Floyd F. Smith, 1940
 - V. rose yellow mosaic
 - Brierley, Philip and Floyd F. Smith, 1940
 - Thomas, H. Earl and L.M. Massey, 1939 - R. odorata* var. *gigantea*, Rehd. & Wilson
 - V. rose rosette
 - Thomas, H. Earl and C. Emlen Scott, 1953 - R. pisocarpa*, Gray
 - V. rose rosette
 - Thomas, H. Earl and C. Emlen Scott, 1953

R. rubrifolia, Vill.

 - V. rose rosette
 - Thomas, H. Earl and C. Emlen Scott, 1953 - R. setigera*, Michx.
 - V. rose mosaic
 - Fulton, Robert W., 1952 - R. spinosissima*, L.
 - V. rose rosette
 - Thomas, H. Earl and C. Emlen Scott, 1953 - R. spp.*
 - V. peach necrotic leaf spot
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. peach ring spot
 - Cochran, L.C., 1950
 - V. peach yellow bud mosaic
 - Thomas, H. Earl and L.M. Massey, 1939
 - Thomas, H. Earl and T.E. Rawlins, 1939
 - V. rose cowl forming
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. rose mosaic
 - Brierley, Philip and Floyd F. Smith, 1940
 - Thomas, H. Earl and L.M. Massey, 1939
 - White, R.P., 1932
 - V. rose streak
 - Brierley, Philip and Floyd F. Smith, 1940
 - V. rose wilt
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. rose yellow mosaic
 - Brierley, Philip and Floyd F. Smith, 1940
 - Thomas, H. Earl and L.M. Massey, 1939 - R. wichuraiana*, Crep.
 - V. rose mosaic
 - Brierley, Philip and Floyd F. Smith, 1940
 - V. rose streak
 - Brierley, Philip and Floyd F. Smith, 1940
 - V. rose yellow mosaic
 - Brierley, Philip and Floyd F. Smith, 1940

ROSMARINUS ((Tourn.)) L. 1735 (Labiatae)

 - R. officinalis*, L.
 - V. lucerne dwarf
 - Freitag, J.H., 1951

ROTTBOELLIA L. f. 1779 (Gramineae)

 - R. exaltata*, L. f.
 - V. rice and corn leaf-gall *
 - Agati, Julian A. and Carlos A. Calica, 1950

RUBUS ((Tourn.)) L. 1735 (Rosaceae)

 - R. albescens*, Roxb.
 - V. black raspberry necrosis
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. rubus yellow net
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958 - R. allegheniensis*, Porter
 - V. blackberry dwarfing
 - Wilhelm, Stephen, H.E. Thomas and D.D. Jensen, 1948
 - V. blackberry variegation
 - Horn, Norman L., 1948
 - V. raspberry alpha leaf curl
 - Bennett, C.W., 1927 - R. fruticosus*, L.
 - V. blackberry dwarf
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. rubus stunt
 - Prentice, I.W., 1951 - R. henryi*, Hemsl. & Kuntze
 - V. black raspberry necrosis
 - Cadman, C.H., 1951 - R. idaeus*, L.
 - V. black raspberry necrosis
 - Cadman, C.H., 1951, 1954
 - V. blackberry variegation
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. cucumber mosaic
 - Harrison, B.D., 1958
 - V. peach yellow bud mosaic
 - Alcorn, Stanley M., Stephen Wilhelm and H. Earl Thomas, 1955
 - V. raspberry curly dwarf
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. raspberry leaf spot
 - Cadman, C.H., 1952

- Rubus idaeus*, L.
- V. raspberry (mild) yellows
Cadman, C.H., 1952
 - V. raspberry (moderate) vein chlorosis
Cadman, C.H., 1952
 - V. raspberry mosaic 2 *
Cadman, C.H., 1952
Harris, R.V., 1940
Prentice, I.W. and R.V. Harris, 1950
 - V. raspberry necrotic fern leaf mosaic
Chamberlain, G.C., 1941
 - V. raspberry Scottish leaf curl
Cadman, C.H., 1956
Cadman, C.H. and R.V. Harris, 1952
Harrison, B.D., 1958
 - V. raspberry veinbanding
Cadman, C.H., 1952
Harris, R.V., 1940
Prentice, I.W. and R.V. Harris, 1950
 - V. raspberry yellow blotch curl
Cadman, C.H. and R.V. Harris, 1952
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. raspberry yellow dwarf *
Harrison, B.D., 1958
 - V. red raspberry mottle mosaic *
Vaughan, Edward K. and Harold W. Wiedman, 1955
 - V. rubus stunt
Prentice, I.W., 1951
 - V. tomato black ring
Harrison, B.D., 1958
- R. idaeus* var. *strigosus*, (Michx.) Maxim.
- V. black raspberry necrosis
Bennett, C.W., 1932
Schwartzze, C.D. and Glenn A. Huber, 1939
Wilcox, R.B. and F.F. Smith, 1924
 - V. raspberry alpha leaf curl
Bennett, C.W., 1927, 1930
Rankin, W.H., J.F. Hockey and J.B. McCurry, 1922
 - V. raspberry beta leaf curl
Bennett, C.W., 1930
 - V. raspberry veinbanding
Cadman, C.H., 1952
 - V. raspberry yellow blotch curl
Zeller, S.M. and A.J. Braun, 1943
 - V. raspberry yellow mosaic
Bennett, C.W., 1932
 - V. red raspberry mottle mosaic *
Vaughan, Edward K. and Harold W. Wiedman, 1955
- R. laciniatus*, Willd.
- V. black raspberry necrosis
Bennett, C.W., 1932
 - V. rubus stunt
Prentice, I.W., 1951
- R. loganobaccus*, Bailey
- V. blackberry dwarf
Zeller, S.M., 1925
 - V. rubus stunt
Prentice, I.W., 1951
- R. macropetalus*, Dougl.
- V. black raspberry necrosis
Bennett, C.W., 1932
 - V. raspberry alpha leaf curl
Bennett, C.W., 1927
- R. neglectus*, Peck
- V. black raspberry necrosis
Bennett, C.W., 1927, 1932
Cooley, L.M., 1936
 - V. raspberry beta leaf curl
Bennett, C.W., 1927
- R. occidentalis*, L.
- V. black raspberry necrosis
Bennett, C.W., 1927, 1932
Cadman, C.H., 1951, 1954
Cooley, L.M., 1936
Rankin, W.H., 1930, 1931
Wilcox, R.B. and F.F. Smith, 1924
 - V. blackberry variegation
Horn, Norman L., 1948
 - V. raspberry alpha leaf curl
Rankin, W.H. and J.F. Hockey, 1922
- R. occidentalis*, L.
- V. raspberry beta leaf curl
Bennett, C.W., 1927, 1930
Rankin, W. Howard, 1931
 - V. raspberry necrotic fern leaf mosaic
Chamberlain, G.C., 1941
 - V. raspberry streak
Bennett, C.W., 1927
Horn, Norman L., 1948
Horn, N.L. and M.W. Woods, 1949
Rankin, W. Howard, 1931
 - V. raspberry veinbanding
Cadman, C.H., 1952
 - V. raspberry yellow mosaic
Bennett, C.W., 1927, 1932
Rankin, W. Howard, 1931
 - V. red raspberry mottle mosaic *
Vaughan, Edward K. and Harold W. Wiedman, 1955
 - V. rubus yellow net
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- R. occidentalis* x *R. idaeus*, L.
- V. raspberry veinbanding
Cadman, C.H., 1952
- R. parviflorus*, Nutt.
- V. rose mosaic
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- R. phoenicolasius*, Maxim.
- V. raspberry alpha leaf curl
Rankin, W.H. and J.F. Hockey, 1922
- R. procerus*, P.J. Muell.
- V. black raspberry necrosis
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. peach yellow bud mosaic
Alcorn, Stanley M., Stephen Wilhelm and H. Earl Thomas, 1955
 - V. rubus yellow net
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- R. saxatilis*, L.
- V. black raspberry necrosis
Cadman, C.H., 1951
 - V. raspberry veinbanding
Cadman, C.H., 1952
- R. spp.*
- V. blackberry dwarf
Zeller, S.M., 1927
 - V. peach yellow bud mosaic
Alcorn, Stanley M., Stephen Wilhelm and H. Earl Thomas, 1955
- R. strigosus*, Michx.
- V. black raspberry necrosis
Huber, Glenn A. and C.D. Schwartzze, 1938
 - V. raspberry alpha leaf curl
Bennett, C.W., 1927
Rankin, W.H. and J.F. Hockey, 1922
 - V. rubus yellow net
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- R. ursinus*, Cham. & Schlecht.
- V. blackberry dwarfing
Wilhelm, Stephen, H.E. Thomas and D.D. Jensen, 1948
 - V. peach yellow bud mosaic
Alcorn, Stanley M., Stephen Wilhelm and H. Earl Thomas, 1955
- R. ursinus* var. *vitifolius*, (Cham. & Schlecht.) Focke
- V. lucerne dwarf
Freitag, J.H., 1951
- RUDBECKIA* L. 1735 (Compositae)
- R. bicolor*, Nutt.
- V. clover big vein
Black, L.M., 1945
- R. hirta*, L.
- V. aster yellows
Severin, Henry H.P. and Julius H. Freitag, 1945
 - V. clover big vein
Black, L.M., 1945
 - V. tobacco mosaic
Holmes, Francis O., 1946
- R. spp.*
- V. cucumber mosaic
Faan, Hwei Chung and James Johnson, 1951

- RUELLIA* Plum. ex L. 1735 (Acanthaceae)
R. tuberosa, L.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
- RUMEX* L. 1735 (Polygonaceae)
R. acetosa, L.
 V. clover big vein
 Black, L.M., 1945
- R. acetosella*, L.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- V. clover big vein*
 Black, L.M., 1945
- V. tobacco mosaic*
 Holmes, Francis O., 1938
- R. britannica*, L.
 V. lettuce mosaic
 Newhall, A.G., 1923
- V. tobacco streak*
 Fulton, Robert W., 1948
- R. crispus*, L.
 V. beet curly top
 Carsner, E., 1925
- Severin, Henry H.P., 1929, 1934
- V. clover big vein
 Black, L.M., 1945
- V. cucumber mosaic
 Price, W.C., 1940
- V. lucerne dwarf
 Freitag, J.H., 1951
- V. lucerne mosaic
 Price, W.C., 1940
- V. rhubarb ring spot *
 Vaughan, Edward K. and John W. Yale, Jr., 1953
- Yale, John W., Jr. and Edward K. Vaughan, 1954
- V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
- V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- V. tobacco necrosis
 Price, W.C., 1940
- V. tobacco ring spot
 Price, W.C., 1940
- V. tobacco ring spot no. 2
 Price, W.C., 1940
- V. tobacco streak
 Fulton, Robert W., 1948
- R. lanceolatus*, Thunb.
 V. dock mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- R. obtusifolius*, L.
 V. clover big vein
 Black, L.M., 1945
- V. dock mosaic
 Fernow, Karl Hermann, 1925
- V. rhubarb mosaic *
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco mosaic
 Holmes, Francis O., 1946
- R. sanguineus*, L.
 V. dock mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- R. scutatus*, L.
 V. beet curly top
 Severin, Henry H.P., 1929
- SACCHARUM* L. 1737 (Gramineae)
S. narenga, Wall.
 V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
- S. officinarum*, L.
 V. grass natal mosaic *
 Storey, H.H., 1929
- V. maize mosaic
 Brandes, E.W., 1920
- V. maize streak
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. rice and corn leaf-gall *
 Agati, Julian A. and Carlos A. Calica, 1950
- V. sugarcane chlorotic streak
 Abbott, E.V., 1945, 1947
- Abbott, E.V. and J.W. Ingram, 1942
- S. officinarum*, L. (cont.)
 V. sugarcane chlorotic streak
 Adsuar, Jose, 1946
- V. sugarcane dwarf
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. sugarcane fiji disease
 Ocfemia, Gerardo Offimaria, 1934
- Ocfemia, Gerardo Offimaria and Martin S. Celino, 1939
- Ocfemia, G.O., Evaristo A. Hurtado and Crispiniano C. Hernandez, 1933
- V. sugarcane green mosaic *
 Forbes, I.L. and P.J. Mills, 1942
- V. sugarcane mosaic
 Abbott, E.V., 1929, 1931, 1949, 1952
- Adsuar, Jose, 1950, 1954
- Brandes, E.W., 1920
- Brandes, E.W. and Peter J. Klaphaak, 1923
- Bruehl, George W., 1953, 1954
- Chardon, C.E. and R.A. Veve, 1923
- Chona, B.L. and S.A. Rafay, 1950
- Costa, A.S. and M.P. Penteado, 1951
- Edgerton, C.W., I.L. Forbes and P.J. Mills, 1937
- Edgerton, C.W. and W.G. Taggart, 1924
- Forbes, I.L. and Jean Dufrenoy, 1943
- Forbes, I.L. and P.J. Mills, 1943, 1945
- Gonzales-Rios, P. and J. Adsuar, 1953
- Ingram, J.W., 1936
- Ingram, J.W. and E.M. Summers, 1938
- Kunkel, L.O., 1927
- Luthra, Jai Chand and Abdus Sattar, 1935
- Matz, Julius, 1933, 1934
- McKinney, H.H., 1929
- Ocfemia, G.O., 1932
- Ocfemia, G.O., Evaristo A. Hurtado and Crispiniano C. Hernandez, 1933
- Sein, Francisco, Jr., 1930
- Storey, H.H., 1929
- Summers, E.M., 1934
- Tate, H.D. and S.R. Vandenberg, 1939
- Tims, E.C., 1935
- Tims, E.C. and C.W. Edgerton, 1931, 1932
- Tims, E.C., P.J. Mills and C.W. Edgerton, 1935
- V. sugarcane ratoon stunting
 Bruehl, G.W., 1955
- Steib, R.J., I.L. Forbes and S.J.P. Chilton, 1957
- V. sugarcane sereh disease
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. sugarcane streak
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. sugarcane yellow mosaic *
 Forbes, I.L. and P.J. Mills, 1942
- V. wheat streak mosaic
 McKinney, H.H., 1949
- S. spp.*
 V. maize streak
 Storey, H.H. and A.P.D. McClean, 1930
- V. sugarcane streak
 Storey, H.H. and A.P.D. McClean, 1930
- SAINTPAULIA* H. Wendl. 1893 (Gesneriaceae)
S. ionantha, Wendl.
 V. anemone mosaic *
 Hollings, M., 1957
- SALIX* ((Tourn.)) L. 1735 (Salicaceae)
S. spp.
 V. lucerne dwarf
 Freitag, J.H., 1951
- SALPIGLOSSIS* Ruiz & Pav. 1794 (Solanaceae)
S. sinuata, Ruiz & Pav.
 V. anemone mosaic *
 Hollings, M., 1957
- V. aster yellows
 Kunkel, L.O., 1926
- Severin, Henry H.P. and Julius H. Freitag, 1945
- V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. cabbage black ring spot
 Hollings, M., 1957
- V. cucumber mosaic
 Price, W.C., 1940

- Salpiglossis sinuata*, Ruiz & Pav.
 V. lucerne mosaic
 Price, W.C., 1940
 V. potato X
 Smith, J. Henderson, 1928
 V. prunus B *
 Fulton, Robert W., 1957
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tobacco necrosis
 Price, W.C., 1940
 Price, W.C., Frank P. McWhorter and Betty H. Steranka, 1950
 V. tobacco ring spot
 Price, W.C., 1940
 V. tomato aspermy
 Hollings, M., 1955
 V. tomato spotted wilt
 Gardner, M.W. and O.C. Whipple, 1934
 Tompkins, C.M. and M.W. Gardner, 1934
 V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- S. spp.
 V. vaccinium false blossom
 Kunkel, L.O., 1945
- S. variabilis*, Hort. ex Vilm.
 V. potato X
 Dennis, R.W.G., 1939
 V. potato Y
 Smith, Kenneth M. and R.W.G. Dennis, 1940
- SALSOLA* L. 1735 (Chenopodiaceae)
S. kali, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- S. kali* var. *tenuifolia*, Tausch
 V. beet curly top
 Carsner, E., 1919
 Severin, Henry H.P., 1934
 Severin, Henry H.P. and Charles F. Henderson, 1928
 Severin, Henry H.P. and Byron R. Houston, 1945
 V. beet mosaic
 Severin, Henry H.P. and Roger M. Drake, 1947
- SALVIA* ((Tourn.)) L. 1735 (Labiatae)
S. azurea, Lam.
 V. tobacco mosaic
 Holmes, Francis O., 1946
S. azurea var. *pitcheri*, Sheldon
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
- S. coccinea*, Juss.
 V. salvia chlorosis *
 Verma, G.S. and A.K. Bose, 1955
- S. farinacea*, Benth.
 V. tobacco mosaic
 Holmes, Francis O., 1946
- S. patens*, Cav.
 V. cucumber mosaic
 Faan, Hwei Chung and James Johnson, 1951
 V. tobacco mosaic
 Holmes, Francis O., 1946
- S. splendens*, Ker-Gawl.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. cucumber mosaic
 Price, W.C., 1940
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tobacco ring spot
 Fulton, Robert W., 1941
 Wingard, S.A., 1928
- S. caerulea*, Raf.
 V. lucerne dwarf
 Freitag, J.H., 1951
- S. canadensis, L.
 V. tobacco ring spot
 Wilkinson, R.E., 1952
- SAMOLUS* ((Tourn.)) L. 1735 (Primulaceae)
S. floribundus, H.B. & K.
 V. beet curly top
 Costa, A.S., 1952
 V. dodder latent mosaic
 Bennett, C.W., 1944
- S. parviflorus*, Raf.
 V. beet curly top
 Bennett, C.W., 1952, 1955
 Giddings, N.J., 1944
 V. beet mosaic
 Bennett, C.W., 1949
- SANGUISORBA* Rupp. ex L. 1735 (Rosaceae)
S. minor, Scop.
 V. datura rugose leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- SANTALUM* 1742 (Santalaceae)
S. album, L.
 V. sandal leaf curl mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. sandal spike
 Iyengar, A.V. Varadaraja, 1938
 Narasimhan, M.J., 1928
- SANVITALIA* Gault. in Lam. 1792 (Compositae)
S. procumbens, Lam.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
- V. dahlia mosaic
 Brierley, Philip and Floyd F. Smith, 1950
- V. tobacco mosaic
 Holmes, Francis O., 1946
- SAPONARIA* L. 1735 (Caryophyllaceae)
S. ocyoides, L.
 V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1957
- SARACHA* Ruiz & Pav. 1794 (Solanaceae)
S. umbellata, Don. *
 V. potato M *
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- V. potato paracrinkle
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- SATUREIA* L. 1737 (Labiatae)
S. hortensis, L.
 V. aster yellows
 Kunkel, L.O., 1926
- SCABIOSA* ((Tourn.)) L. 1735 (Dipsaceae)
S. atropurpurea, L.
 V. aster yellows
 Kunkel, L.O., 1926
 Severin, Henry H.P. and Julius H. Freitag, 1945
- V. beet curly top
 Severin, Henry H.P. and Julius H. Freitag, 1934
- V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
- V. clover big vein
 Black, L.M., 1945
- V. cucumber mosaic
 Wellman, F.L., 1935
- V. teasel mosaic
 Stoner, Warren N., 1951
- V. tobacco ring spot
 Wingard, S.A., 1928
- V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. vaccinium false blossom
 Kunkel, L.O., 1945

- Scabiosa japonica*, Miq.
 V. cucumber mosaic
 Price, W.C., 1940
- S. spp.*
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- SCAEVOLA* L. 1771 (Goodeniaceae)
S. frutescens, K. Krause
 V. scaevola frutescens ring spot *
 Jensen, D.D., 1949
- SCHIZANTHUS* Ruiz & Pav. 1794 (Solanaceae)
S. pinnatus, Ruiz & Pav.
 V. anemone mosaic *
 Hollings, M., 1957
- V. aster yellows
 Kunkel, L.O., 1926
- V. cabbage black ring spot
 Hollings, M., 1957
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tomato spotted wilt
 Gardner, M.W. and O.C. Whipple, 1934
 Tompkins, C.M. and M.W. Gardner, 1934
- S. retusus*, Hook
 V. potato X
 Larson, R.H., 1947
- V. potato Y
 Smith, Kenneth M. and R.W.G. Dennis, 1940
- S. spp.*
 V. tomato black ring
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. vaccinium false blossom
 Kunkel, L.O., 1945
- S. wisetonensis*, Hort.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. clover big vein
 Black, L.M., 1945
- V. cucumber mosaic
 Price, W.C., 1940
- V. tobacco streak
 Fulton, Robert W., 1948
- SCOPARIA* L. 1748 (Scrophulariaceae)
S. dulcis, L.
 V. tobacco leaf curl
 Pruthi, Hem Singh and C.K. Samuel, 1941
- SCORZONERA* ((Tourn.)) L. 1735 (Compositae)
S. hispanica, L.
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
- SCROPHULARIA* Tourn. ex L. 1735 (Scrophulariaceae)
S. californica, Cham. & Schlect.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- S. marilandica*, L.
 V. tobacco mosaic
 Grant, T.J., 1934
- SECALE* ((Tourn.)) L. 1735 (Gramineae)
S. cereale, L.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
- V. barley stripe mosaic
 Sill, W.H., Jr. and E.D. Hansing, 1955
- Slykhuis, J.T., 1952
- V. barley yellow dwarf
 Allen, Thomas C., Jr., 1957
- Allen, Thomas C., Jr. and Byron R. Houston, 1956
- Takeshita, R.M., 1956
- V. brome mosaic
 McKinney, H.H., 1944
- V. cucumber mosaic
 Wellman, F.L., 1934, 1935
- V. maize streak
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- S. cereale*, L. (cont.)
 V. oat pseudo-rosette
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. rice dwarf
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. soil-borne wheat mosaic
 McKinney, H.H., 1925, 1930
- Sill, W.J., Jr., 1955
- V. tobacco necrosis
 Price, W.C., 1940
- V. wheat streak mosaic
 McKinney, H.H. and W.J. Sando, 1951
- Slykhuis, John T., 1954, 1955
- V. wheat striate mosaic
 Slykhuis, John T. and Marion A. Watson, 1958
- S. cereale* subsp. *ancestrale*, Zhuk. *
 V. wheat streak mosaic
 McKinney, H.H. and W.J. Sando, 1951
- S. montanum*, Guss.
 V. wheat streak mosaic
 McKinney, H.H. and W.J. Sando, 1951
- S. spp.*
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- SEDUM* Tourn. ex L. 1735 (Crassulaceae)
S. acre, L.
 V. tobacco ring spot no. 2
 Hildebrand, E.M., 1942
- Price, W.C., 1940
- SENECIO* ((Tourn.)) L. 1735 (Compositae)
S. cruentus, (Mass.) DC.
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
- V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
- V. chrysanthemum ring spot
 Brierley, Philip and Floyd F. Smith, 1955
- V. chrysanthemum stunt
 Brierley, Philip, 1950, 1953
- Keller, John R., 1953
- V. tobacco ring spot no. 2
 Brierley, Philip, 1954
- V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- Hollings, M., 1955
- V. tomato spotted wilt
 Gardner, M.W. and O.C. Whipple, 1934
- V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- S. glastifolius*, Hook. f.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
- S. hybridus*, Hort. ex Regel
 V. aster yellows
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- S. mikanioides*, Otto
 V. chrysanthemum stunt
 Brierley, Philip, 1953
- S. vulgaris*, L.
 V. anemone mosaic *
 Hollings, M., 1957
- V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- V. beet curly top
 Severin, Henry H.P., 1934
- V. beet ring spot *
 Harrison, B.D., 1957
- V. beet yellows
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Roland, G. and J. Tahon, 1961
- V. lettuce mosaic
 Ainsworth, G.C. and L. Ogilvie, 1939
- SESAMUM* L. 1737 (Pedaliaceae)
S. indicum, L.
 V. sesamum phyllody *
 Pal, B.P. and Pushkar Nath, 1935

- Sesamum occidentale*, Heer & Regel *
- V. *sesamum phyllody* *
Vasudeva, R.S. and H.S. Sahambi, 1955
- S. orientale*, L.
- V. *sesamum phyllody* *
Vasudeva, R.S. and H.S. Sahambi, 1955
 - V. *tobacco ring spot*
Cooper, W.D., 1949
- SESBANIA Scop. 1777 (Leguminosae)**
- S. bispinosa*, Steud.
- V. *prunus A* *
Fulton, Robert W., 1957
 - V. *prunus B* *
Fulton, Robert W., 1957
 - V. *prunus E* *
Fulton, Robert W., 1957
 - V. *prunus G* *
Fulton, Robert W., 1957
- S. cannabina*, Poir.
- V. *prunus A* *
Fulton, Robert W., 1957
 - V. *prunus B* *
Fulton, Robert W., 1957
 - V. *prunus E* *
Fulton, Robert W., 1957
 - V. *prunus G* *
Fulton, Robert W., 1957
- S. cinerascens*, Welw. ex Baker
- V. *prunus A* *
Fulton, Robert W., 1957
 - V. *prunus B* *
Fulton, Robert W., 1957
 - V. *prunus E* *
Fulton, Robert W., 1957
 - V. *prunus G* *
Fulton, Robert W., 1957
- S. exaltata*, (Raf.) Cory
- V. *prunus A* *
Ehlers, Clifford G. and J. Duain Moore, 1957
 - V. *prunus B* *
Ehlers, Clifford G. and J. Duain Moore, 1957
 - V. *prunus E* *
Ehlers, Clifford G. and J. Duain Moore, 1957
 - V. *prunus G* *
Fulton, Robert W., 1957
- S. macrocarpa*, Muhl. ex Raf.
- V. *bean yellow mosaic*
Johnson, James, 1942
- S. paulensis*, Barb. & Rodr.
- V. *prunus A* *
Fulton, Robert W., 1957
 - V. *prunus B* *
Fulton, Robert W., 1957
 - V. *prunus E* *
Fulton, Robert W., 1957
 - V. *prunus G* *
Fulton, Robert W., 1957
- S. sesban*, Merr.
- V. *prunus A* *
Fulton, Robert W., 1957
 - V. *prunus B* *
Fulton, Robert W., 1957
- S. speciosa*, Taub. ex Engl.
- V. *cowpea mosaic*
Dale, W.T., 1949
 - V. *prunus A* *
Fulton, Robert W., 1957
 - V. *prunus B* *
Fulton, Robert W., 1957
 - V. *prunus E* *
Fulton, Robert W., 1957
 - V. *prunus G* *
Fulton, Robert W., 1957
- S. spp.*
- V. *lucerne mosaic*
Thomas, H. Rex, 1951
- SETAROA Beauv. 1807 (Gramineae)**
- (*CHAETOCHLOA*) Scribn. 1897
- S. italicica*, (L.) Beauv.
- V. *barley stripe mosaic*
Slykhuis, J.T., 1952
 - V. *panicum mosaic* *
Sill, W.H., Jr., 1957
 - V. *wheat spot mosaic* *
Slykhuis, John T., 1956
 - V. *wheat streak mosaic*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
 - V. *wheat streak mosaic*
Slykhuis, John T., 1955
- S. lutescens*, (Weigel) F.T. Hubb
- V. *barley yellow dwarf*
Bruehl, G.W. and H.V. Toko, 1957
 - V. *lucerne dwarf*
Freitag, J.H., 1951
 - V. *sugarcane mosaic*
Brandes, E.W., 1920
 - V. *sugarcane mosaic*
Brandes, E.W. and Peter J. Klaphaak, 1923
- S. sulcata*, Raddi
- V. *grass natal mosaic* *
Storey, H.H., 1929
 - V. *sugarcane mosaic*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- S. verticillata*, (L.) Beauv.
- V. *barley stripe mosaic*
Slykhuis, J.T., 1952
 - V. *wheat spot mosaic* *
Slykhuis, John T., 1956
 - V. *wheat streak mosaic*
Slykhuis, J.T., 1952, 1955
- S. virdis*, (L.) Beauv.
- V. *barley stripe mosaic*
Slykhuis, J.T., 1952
 - V. *corn new mosaic* *
Finley, A.M., 1954
 - V. *oat pseudo-rosette*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. *soybean new disease* *
Dunleavy, John, 1957
 - V. *wheat spot mosaic* *
Slykhuis, John T., 1956
 - V. *wheat streak mosaic*
Finley, A.M., 1957
 - V. *wheat streak mosaic*
McKinney, H.H. and Hurley Fellows, 1951
 - V. *wheat streak mosaic*
Slykhuis, John T., 1951, 1952, 1955
- (*C. magna*), (Griseb.) Scribn.
- V. *sugarcane mosaic*
Brandes, E.W. and Peter J. Klaphaak, 1923
- SICANA Naud. 1862 (Cucurbitaceae)**
- S. odorifera*, Naud.
- V. *cucumber mosaic*
Adsuar, Jose and A. Cruz Miret, 1950
 - V. *prunus A* *
Fulton, Robert W., 1957
 - V. *prunus B* *
Fulton, Robert W., 1957
 - V. *prunus E* *
Fulton, Robert W., 1957
 - V. *prunus G* *
Fulton, Robert W., 1957
- SICYOS L. 1735 (Cucurbitaceae)**
- S. angulatus*, L.
- V. *cucurbit mosaic* *
Doolittle, S.P. and M.N. Walker, 1925
 - V. *tobacco streak*
Fulton, Robert W., 1948
 - V. *wild cucumber mosaic* *
Freitag, J.H., 1952
- SIDA L. 1735 (Malvaceae)**
- S. carpinifolia*, L. f.
- V. *abutilon infectious variegation*
Bird, Julio, 1958
- S. rhombifolia*, L.
- V. *abutilon infectious variegation*
Bird, Julio, 1958
 - V. *abutilon infectious variegation*
Costa, A.S. and C.W. Bennett, 1950
 - V. *abutilon infectious variegation*
Kunkel, L.O., 1930
 - V. *abutilon infectious variegation*
Silberschmidt, K. and L.R. Tommasi, 1956

- Sida rhombifolia*, L. (cont.)
 V. tobacco leaf curl
 Pruthi, Hem Singh and C.K. Samuel, 1941
- S. spp.*
 V. cotton leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- SILENE* L. 1735 (Caryophyllaceae)
S. anglica, L.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- S. armeria*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- S. compacta*, Fisch.
 V. carnation mosaic
 Brierley, Philip and Floyd F. Smith, 1957
- V. carnation mottle
 Brierley, Philip and Floyd F. Smith, 1957
- V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1957
- V. tobacco ring spot no. 2
 Brierley, Philip, 1954
- S. gallica*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- S. latifolia*, Brit. & Rendle
 V. clover big vein
 Black, L.M., 1945
- S. noctiflora*, L.
 V. tobacco streak
 Fulton, Robert W., 1948
- S. pendula*, L.
 V. aster yellows
 Kunkel, L.O., 1926
- V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. tobacco mosaic
 Holmes, Francis O., 1946
- SILYBUM* Baill. ex Adans. 1763 (Compositae)
S. marianum, Gaertn.
 V. cynarus curly dwarf
 Leach, L.D. and J.W. Oswald, 1950
- V. tobacco yellow dwarf
 Nelson, G.A.H., 1950
- SINNINGIA* Nees 1825 (Gesneriaceae)
S. speciosa, Benth. & Hook.
 V. aster yellows
 Kunkel, L.O., 1926
- V. lucerne mosaic
 Price, W.C., 1940
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tobacco necrosis
 Price, W.C., 1940
- Price, W.C., Frank P. McWhorter and Betty H. Steranka, 1950
- V. tobacco ring spot no. 2
 Brierley, Philip, 1954
- Hildebrand, E.M., 1942
- Price, W.C., 1940
- V. tomato spotted wilt
 Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
- SISYMBRIUM* ((Tourn.)) L. 1735 (Cruciferae)
S. altissimum, L.
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
- V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- S. officinale*, (L.) Scop.
 V. anemone mosaic *
 Hollings, M., 1957
- V. cabbage black ring spot
 Hollings, M., 1957
- S. officinale*, (L.) Scop. (cont.)
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
- V. cauliflower mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. cucumber mosaic
 Pound, Glenn S. and J.C. Walker, 1948
- V. tobacco mosaic
 Holmes, Francis O., 1938
- V. tobacco streak
 Fulton, Robert W., 1948
- V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
- V. turnip mosaic
 Pound, Glenn S., 1948
- V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
- V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
- S. thalianum*, J. Gay
 V. tobacco mosaic
 Holmes, Francis O., 1938
- SITANION* Raf. 1819 (Gramineae)
S. hystrix, (Nutt.) J.G. Sm.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- Oswald, John W. and Byron R. Houston, 1953
- S. jubatum*, J.G. Sm.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- SOLANUM* ((Tourn.)) L. 1735 (Solanaceae)
S. aculeole, Bitt.
 V. potato Y
 Easton, G.D., R.H. Larson and R.W. Hougas, 1958
- S. aculeole* var. *subexinternuptum*, Bitt.
 V. potato yellow dwarf
 Black, L.M., 1937
- S. aculeastrum*, Dun.
 V. tomato bumpy top
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- S. aculeatissimum*, Jacq.
 V. potato X
 Fernow, Karl Hermann, 1925
- Larson, R.H., 1947
- V. tobacco mosaic
 Fernow, Karl Hermann, 1925
- V. tobacco streak
 Fulton, Robert W., 1948
- V. tomato bumpy top
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tomato spotted wilt
 Smith, Kenneth M., 1932
- S. ajuscoense*, Buk.
 V. potato Y
 Easton, G.D., R.H. Larson and R.W. Hougas, 1958
- V. potato yellow dwarf
 Black, L.M., 1937
- S. andigenum*, Juz. & Buk. * or *S. tuberosum*, L.
 V. beet curly top
 Watson, R.D. and T.E. Randall, 1951
- S. antipoviczii*, Buk.
 V. beet curly top
 Watson, R.D. and T.E. Randall, 1951
- V. potato yellow dwarf
 Black, L.M., 1937
- S. antipoviczii* or *S. neo-antipoviczii*, Buk.
 V. beet curly top
 Watson, R.D. and T.E. Randall, 1951
- S. atropurpureum*, Schrank *
 V. cucumber mosaic
 Hoggan, Isme A., 1927
- V. potato X
 Fernow, Karl Hermann, 1925
- Hoggan, Isme A., 1927
- V. potato Y
 Hoggan, Isme A., 1927
- V. tobacco mosaic
 Fernow, Karl Hermann, 1925
- Hoggan, Isme A., 1927

- Solanum aviculare*, Forst.
 V. cucumber mosaic
 Wellman, F. L., 1935
- S. cabiliense* var. *argenteum* *
 V. tobacco mosaic
 Hoggan, Isme A., 1927
- S. capsicastrum*, Link
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tomato spotted wilt
 Milbrath, J. A., 1939
- Smith, Kenneth M., 1931, 1932
- S. cardiophyllum*, Lindl.
 V. potato Y
 Easton, G. D., R. H. Larson and R. W. Hougas, 1958
- S. cardiophyllum* subsp. *ehrenbergii*, Bitt.
 V. potato Y
 Easton, G. D., R. H. Larson and R. W. Hougas, 1958
- S. cardiophyllum* f. *coyoacanum*, Buk. *
 V. potato yellow dwarf
 Black, L. M., 1937
- S. caribaicum*, Dun.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
- V. tobacco leaf curl
 Bird, Julio, 1957
- S. carolinense*, L.
 V. cucumber mosaic
 Johnson, E. M., 1930
- V. potato X
 Fernow, Karl Hermann, 1925
- Johnson, E. M., 1930
- V. tobacco etch
 Greenleaf, W. H., 1953
- Johnson, E. M., 1930
- V. tobacco mosaic
 Boyle, John S. and David C. Wharton, 1956, 1957
- Fernow, Karl Hermann, 1925
- Gardner, Max W. and James B. Kendrick, 1922
- Johnson, E. M., 1930
- V. tobacco ring spot
 Wingard, S. A., 1928
- V. tobacco ring spot no. 2
 Wilkinson, R. E., 1952
- V. tomato ring spot
 Samson, R. W. and E. P. Imle, 1942
- S. chacoense*, Bitt.
 V. potato Y
 Easton, G. D., R. H. Larson and R. W. Hougas, 1958
- S. ciliatum*, Lam.
 V. tobacco mosaic
 Ainsworth, G. C., 1933
- S. demissum*, Lindl.
 V. beet curly top
 Watson, R. D. and T. E. Randall, 1951
- V. potato A
 MacLachlan, D. S., R. H. Larson and J. C. Walker, 1953
- V. potato stunt
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- (*S. demissum* x *S. gibberulosum*, Juz. & Buk.) x (*S. stoloniferum*, Schlecht. & Bouche)
 V. potato Y
 Easton, G. D., R. H. Larson and R. W. Hougas, 1958
- (*S. demissum* x *S. saltense*, Hawkes) x (*S. stoloniferum*, Schlecht. & Bouche)
 V. potato Y
 Easton, G. D., R. H. Larson and R. W. Hougas, 1958
- (*S. demissum* x *S. schickii*, Juz. & Buk.) x (*S. stoloniferum*, Schlecht. & Bouche)
 V. potato Y
 Easton, G. D., R. H. Larson and R. W. Hougas, 1958
- (*S. demissum* x *S. simplicifolium*, Bitt) x (*S. stoloniferum*, Schlecht. & Bouche)
 V. potato Y
 Easton, G. D., R. H. Larson and R. W. Hougas, 1958
- S. demissum* x *S. tuberosum*, L., var. *aquila* *
 V. potato A
 Raymer, W. B. and J. A. Milbrath, 1957
- V. potato X
 Raymer, W. B. and J. A. Milbrath, 1957
- S. douglasii*, Dun.
 V. beet curly top
 Severin, Henry H. P., 1934
- S. dulcamara*, L.
 V. potato leaf roll
 Dykstra, T. P., 1930, 1933
- V. potato X
 Smith, J. Henderson, 1928
- Thompson, A. D., 1956
- V. potato Y
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- V. tobacco mosaic
 Crawford, R. F., 1921
- Gardner, Max W. and James B. Kendrick, 1922
- Holmes, Francis O., 1946
- Jarrett, Phyllis H., 1930
- V. tobacco streak
 Fulton, Robert W., 1948
- V. tomato spotted wilt
 Smith, Kenneth M., 1932
- S. elaeagnifolium*, Cav.
 V. chilli veinbanding
 Simons, John N., 1956
- S. gibberulosum*, Juz. & Bitt.
 V. potato Y
 Easton, G. D., R. H. Larson and R. W. Hougas, 1958
- S. giganteum*, Jacq.
 V. tomato bunchy top
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- S. gigantophyllum*, Bitt.
 V. potato Y
 Easton, G. D., R. H. Larson and R. W. Hougas, 1958
- S. gracile*, Link *
 V. cucumber mosaic
 Anderson, C. W., 1955
- Simons, John N., 1957
- V. chilli veinbanding
 Simons, John N., 1956, 1957
- V. potato Y
 Simons, J. N., Robert A. Conover and James M. Walter, 1956
- S. incanum*, L.
 V. tomato bunchy top
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- S. indicum*, L.
 V. tomato bunchy top
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- S. integrifolium*, Poir.
 V. cucumber mosaic
 Pound, Glenn S. and J. C. Walker, 1948
- V. tobacco etch
 Greenleaf, W. H., 1953
- Holmes, Francis O., 1946
- V. tobacco mosaic
 Gardner, Max W. and James B. Kendrick, 1922
- Holmes, Francis O., 1946
- V. tobacco streak
 Fulton, Robert W., 1948
- V. turnip mosaic
 Pound, Glenn S., 1948
- Walker, J. C., Francis J. LeBeau and Glenn S. Pound, 1945
- S. kesselbrenneri*, Juz. & Bitt.
 V. potato Y
 Easton, G. D., R. H. Larson and R. W. Hougas, 1958
- S. laciniatum*, Ait.
 V. cucumber mosaic
 Hoggan, Isme A., 1927
- V. potato X
 Hoggan, Isme A., 1927
- Thompson, A. D., 1956
- V. potato Y
 Hoggan, Isme A., 1927
- V. tobacco mosaic
 Hoggan, Isme A., 1927

- Solanum laciniatum*, Ait. (cont.)
 V. tobacco yellow dwarf
 Hill, A.V., 1950
 V. tomato spotted wilt
 Smith, Kenneth M., 1931, 1932
S. marginatum, L. f.
 V. tobacco mosaic
 Hoggan, Isme A., 1927
 V. tomato spotted wilt
 Smith, Kenneth M., 1932
S. melongena, L.
 V. chilli veinbanding
 Simons, John N., 1956
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 Doolittle, S.P. and W.J. Zaumeyer, 1953
 Fulton, Robert W., 1941
 Harter, L.L., 1938
 Hoggan, Isme A., 1935
 Nariani, T.K. and Nirmaljit Singh, 1952
 Simons, John N., 1957
 Wellman, F.L., 1935
 V. eggplant mosaic
 Dale, W.T., 1954
 Ferguson, I.A.C., 1951
 V. lucerne mosaic
 Berkeley, G.H., 1947
 Porter, D.R., 1935
 V. (*physalis*) mosaic *
 Melhus, I.E., 1922
 V. potato calico
 Berkeley, G.H., 1947
 V. potato M *
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 V. potato X
 Fulton, Robert W., 1941
 Johnson, James, 1925
 V. potato Y
 Roque, Arturo and Jose Adsuar, 1941
 Sakimura, K., 1953
 V. potato yellow dwarf
 Black, L.M., 1938
 V. sweet potato mosaic
 Elmer, O.H., 1957
 V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Ainsworth, G.C., 1933
 Das, C.R. and S.P. Raychaudhuri, 1953
 Holmes, F.O., 1934, 1946
 Jensen, J.H., 1933
 Johnson, J., 1926
 V. tobacco ring spot
 Fulton, Robert W., 1941
 Ivanoff, S.S., 1942
 Jones, S.E., 1942
 Valleau, W.D., 1951
 V. tobacco streak
 Fulton, Robert W., 1948
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 V. tomato big bud
 Hill, A.V. and M. Mandryk, 1954
 V. tomato ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Samson, R.W. and E.P. Imle, 1942
 V. tomato spotted wilt
 Ferguson, I.A.C., 1951
 Gardner, M.W. and O.C. Whipple, 1934
 Sakimura, K., 1940
 Smith, Kenneth M., 1932
 Tompkins, C.M. and M.W. Gardner, 1934
 V. tomato V-52-1
 Miller, Patrick M., 1953
S. melongena var. *esculentum*, Nees
 V. cucumber mosaic
 Johnson, E.M., 1930
 V. potato X
 Johnson, E.M., 1930
 V. tobacco coarse etch
 Johnson, E.M., 1930
 V. tobacco mosaic
 Johnson, E.M., 1930
 V. tobacco ring spot
 Wingard, S.A., 1928
S. melongena var. *Hangchow Long* x var. *Black Beauty*
 V. tobacco mosaic
 Holmes, F.O., 1934
S. melongena var. *Peking Green* x var. *Black Beauty*
 V. tobacco mosaic
 Holmes, F.O., 1934
S. muricatum, Ait.
 V. red currant ring spot
 Klessner, P.J., 1951
S. miniatum, Bernh. ex Willd.
 V. cucumber mosaic
 Hoggan, Isme A., 1927
 V. potato X
 Hoggan, Isme A., 1927
 V. potato Y
 Hoggan, Isme A., 1927
 Koch, K.L., 1933
 V. tobacco mosaic
 Hoggan, Isme A., 1927
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
S. neo-antipoviczii, Buk.
 V. potato yellow dwarf
 Black, L.M., 1937
S. nigrum, L.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
 V. *atropa belladonna* mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. beet curly top
 Costa, A.S., 1952
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. cucumber green mottle mosaic
 Vasudeva, R.S. and T.K. Nariani, 1952
 V. cucumber mosaic
 Burnett, G., 1934
 Fulton, Robert W., 1941
 Govier, D.A., 1957
 Hoggan, Isme A., 1935
 Johnson, J., 1926
 Nariani, T.K. and Nirmaljit Singh, 1952
 Wellman, F.L., 1935
 V. petunia mosaic
 Johnson, J., 1926
 V. potato A
 Schultz, E.S. and Donald Folsom, 1923
 V. potato leaf roll
 Dykstra, T.P., 1930
 Webb, R.E., R.H. Larson and J.C. Walker, 1952
 V. potato X
 Dennis, R.W.G., 1939
 Folsom, Donald and Reiner Bonde, 1937
 Fulton, Robert W., 1941
 Johnson, James, 1925
 Smith, J. Henderson, 1928
 Thompson, A.D., 1956
 V. potato Y
 Koch, K.L., 1933
 Smith, Kenneth M. and R.W.G. Dennis, 1940
 V. red currant ring spot
 Klessner, P.J., 1951
 V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
 V. tobacco etch
 Anderson, C.W. and M.K. Corbett, 1957
 Fulton, Robert W., 1941
 Holmes, Francis O., 1946
 V. tobacco leaf curl
 Pal, B.P. and R.K. Tandon, 1937
 Pruthi, Hem Singh and C.K. Samuel, 1941
 V. tobacco mosaic
 Caldwell, John, 1932
 Crawford, R.F., 1921

- Solanum nigrum*, L. (cont.)
- V. tobacco mosaic
 - Das, C.R. and S.P. Raychaudhuri, 1953
 - Fernow, Karl Hermann, 1925
 - Fulton, Robert W., 1941
 - Hoggan, Isme A., 1927
 - Holmes, Francis O., 1946
 - Jarrett, Phyllis H., 1930
 - Johnson, J., 1926
 - Sheffield, F.M.L., 1931
 - Stover, W.G., 1928
 - Stover, W.G. and M.T. Vermillion, 1933
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - V. tobacco streak
 - Fulton, Robert W., 1948
 - V. tobacco yellow dwarf
 - Hill, A.V., 1950
 - V. tomato bumpy top
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. tomato spotted wilt
 - Milbrath, J.A., 1939
 - Smith, Kenneth M., 1931, 1932
 - V. vaccinium false blossom
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - S. nigrum var. douglassii, Dun. *
 - V. beet curly top
 - Severin, Henry H.P., 1929
 - S. nigrum var. nodiflorum *
 - V. tobacco mosaic
 - Holmes, F.O., 1934
 - S. nigrum var. villosum, Mill.
 - V. potato leaf roll
 - Dykstra, T.P., 1933
 - V. potato M *
 - Bagnall, R.H. and R.H. Larson, 1957
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - V. potato paracrinkle
 - Bagnall, R.H. and R.H. Larson, 1957
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - V. potato X
 - Dykstra, T.P., 1933
 - Smith, J. Henderson, 1928
 - V. potato Y
 - Dykstra, T.P., 1933
 - V. tobacco mosaic
 - Jarrett, Phyllis H., 1930
 - S. nodiflorum, Jacq.
 - V. arabic mosaic
 - Smith, Kenneth M. and Roy Markham, 1944
 - V. cucumber green mottle mosaic
 - Vasudeva, R.S. and T.K. Nariani, 1952
 - V. cucumber mosaic
 - Govier, D.A., 1957
 - Nariani, T.K. and Nirmaljit Singh, 1952
 - V. lucerne mosaic
 - Price, W.C., 1940
 - V. potato aucuba mosaic
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. potato stunt
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. potato X
 - Cockerham, George, 1943
 - Dennis, R.W.G., 1939
 - Smith, J. Henderson, 1928
 - Thompson, A.D., 1956
 - Vasudeva, R. Sahai and T.B. Lal, 1944
 - V. potato Y
 - Cockerham, George, 1943
 - Sakimura, K., 1953
 - Smith, Kenneth M. and R.W.G. Dennis, 1940
 - Vasudeva, R. Sahai and T.B. Lal, 1945
 - V. red currant ring spot
 - Klesser, P.J., 1951
 - V. tobacco mosaic
 - Caldwell, John, 1932
 - Jarrett, Phyllis H., 1930
 - Sheffield, F.M.L., 1931, 1936
 - Smith, J. Henderson, 1930
 - V. tobacco necrosis
 - Price, W.C., 1940
 - S. nodiflorum, Jacq. (cont.)
 - V. tobacco ring spot
 - Price, W.C., 1940
 - V. tobacco ring spot no. 2
 - Hildebrand, E.M., 1942
 - V. tomato spotted wilt
 - Smith, Kenneth M., 1931, 1932
 - S. opacum, A. Br. & Bouche
 - V. tobacco yellow dwarf
 - Hill, A.V. and M. Mandryk, 1954
 - V. tomato big bud
 - Hill, A.V. and M. Mandryk, 1954
 - S. polyadenium, Greenm.
 - V. beet curly top
 - Watson, R.D. and T.E. Randall, 1951
 - V. potato Y
 - Easton, G.D., R.H. Larson and R.W. Hougas, 1958
 - S. pseudocapsicum, L.
 - V. tobacco etch
 - Greenleaf, W.H., 1953
 - V. tobacco mosaic
 - Greenleaf, W.H., 1953
 - Holmes, F.O., 1934
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - V. tomato ring spot
 - Samson, R.W. and E.P. Imle, 1942
 - S. pyracanthum, Jacq.
 - V. tobacco mosaic
 - Hoggan, Isme A., 1927
 - S. rostratum, Dun.
 - V. potato M *
 - Bagnall, R.H. and R.H. Larson, 1957
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - V. potato paracrinkle
 - Bagnall, R.H. and R.H. Larson, 1957
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - V. potato X
 - Johnson, James, 1925
 - V. turnip mosaic
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - S. rybinii, Juz. & Buk.
 - V. potato Y
 - Easton, G.D., R.H. Larson and R.W. Hougas, 1958
 - S. saltense, Hawkes
 - V. potato Y
 - Easton, G.D., R.H. Larson and R.W. Hougas, 1958
 - S. sanitwongsei, Craib
 - V. tobacco mosaic
 - Holmes, Francis O., 1946
 - V. tomato spotted wilt
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - S. seaforthianum, Andr.
 - V. tomato spotted wilt
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. vaccinium false blossom
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - S. simplicifolium, Bitt.
 - V. beet curly top
 - Watson, R.D. and T.E. Randall, 1951
 - S. simplicifolium x S. rybinii, Juz. & Buk.
 - V. potato Y
 - Easton, G.D., R.H. Larson and R.W. Hougas, 1958
 - S. simplicifolium x S. toralapanum, Card. & Hawkes
 - V. potato Y
 - Easton, G.D., R.H. Larson and R.W. Hougas, 1958
 - S. sisymbriifolium, Lam.
 - V. potato M *
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - V. potato paracrinkle
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - V. tomato bumpy top
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

- Solanum sodomaeum*, Hort. ex Dun.
 V. tomato bunchy top
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- S. spp.*
 V. beet curly top
 Watson, R.D. and T.E. Randall, 1951
- S. stoloniferum*, Schlecht. & Bouche
 V. potato Y
 Easton, G.D., R.H. Larson and R.W. Hougas, 1958
- S. torvum*, Sw.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
- S. triflorum*, Nutt.
 V. cucumber mosaic
 Pound, Glenn S. and J.C. Walker, 1948
 V. tobacco ring spot
 Pound, Glenn S., 1949
 V. tobacco streak
 Fulton, Robert W., 1948
 V. turnip mosaic
 Pound, Glenn S., 1948
- S. trilobatum*, L.
 V. vaccinium false blossom
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- S. tuberosum*, L.
 V. abutilon infectious variegation
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. aster yellows
 Bonde, Reiner and E.S. Schultz, 1947
 Burke, O.D., 1941
 Jensen, James H. and H. Douglas Tate, 1947
 Leach, J.G. and C. Franklin Bishop, 1944
 Milbrath, J.A. and W.H. English, 1948, 1949
 Raymer, W.B., 1956
 Raymer, W.B. and Clark R. Amen, 1954
 Self, R.L. and H.M. Darling, 1949
 Severin, Henry H.P., 1940
 Severin, Henry H.P. and Julius H. Freitag, 1945
 Severin, Henry H.P. and Frank A. Haasis, 1934
 Younkin, S.G., 1943
- V. beet curly top
 Giddings, N.J., 1944, 1947, 1952, 1953, 1954
 Jones, Leon K., C.L. Vincent and Earl F. Burk, 1940
 Menzies, J.D. and N.J. Giddings, 1952, 1953
 Milbrath, J.A., 1946
 Severin, Henry H.P., 1929
- V. beet ring spot *
 Harrison, B.D., 1957
- V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- V. clover witches' broom *
 Frazier, N.W. and A.F. Posnette, 1957
- V. cucumber mosaic
 Johnson, James, 1927
- V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1922
- V. dodder latent mosaic
 Bennett, C.W., 1944, 1949
- V. eggplant mosaic
 Dale, W.T., 1954
 Ferguson, I.A.C., 1951
- V. lucerne mosaic
 Black, L.M. and W.C. Price, 1940
 Dykstra, T.P., 1939
 Folsom, Donald, 1953
 Hoggan, Isme A., 1927
 Houston, Byron R. and John W. Oswald, 1951, 1953
 McKay, M.B. and T.P. Dykstra, 1932
 Milbrath, J.A., 1952
 Oswald, John W., 1950
 Porter, D.R., 1931, 1935
 Richardson, D.E. and T.W. Tinsley, 1956
- V. lucerne witches' broom
 Helms, Katie, 1957
 Kunkel, L.O., 1952
- V. (physalis) mosaic *
 Melhus, I.E., 1922
- V. potato A
 Abbott, E.V., 1929
- S. tuberosum*, L. (cont.)
 V. potato A
 Bawden, F.C., 1936
 Cockerham, George, 1943
 Dykstra, T.P., 1935, 1936, 1939
 Dykstra, T.P. and W.C. Whitaker, 1938
 Goss, R.W., 1929
 Hoggan, Isme A., 1927
 Johnson, James, 1929
 Koch, Karl and James Johnson, 1935
 MacLachlan, D.S. and R.H. Larson, 1953
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 McKay, M.B. and T.P. Dykstra, 1932
 Peterson, Paul D. and H.H. McKinney, 1938
 Porter, D.R., 1935
 Schultz, E.S., C.F. Clark, R. Bonde, W.P.
 Raleigh and F.J. Stevenson, 1934
 Schultz, E.S., C.F. Clark, W.P. Raleigh, F.J. Stevenson, R. Bonde and J.H. Beaumont, 1937
 Schultz, E.S., C.F. Clark and F.J. Stevenson, 1940
 Schultz, E.S. and Donald Folsom, 1923, 1925
 Schultz, E.S. and W.P. Raleigh, 1936
 Valleau, W.D. and E.M. Johnson, 1930
 Vasudeva, R. Sahai and C.S. Ramamoorthy, 1946
 Young, P.A., 1930
 Young, P.A. and H.E. Morris, 1930
- V. potato anecrotic mosaic *
 Quanjer, H.M., 1931
- V. potato aucuba mosaic
 Atanasoff, D., 1926
 Dennis, R.W.G., 1939
 Dykstra, T.P., 1939
 Quanjer, H.M., 1931
- V. (potato) giant hill *
 Porter, D.R., 1935
- V. potato leaf roll
 Abbott, E.V., 1929
 Artschwager, Ernest F., 1918
 Atanasoff, D., 1924
 Bald, J.G. and E.M. Hutton, 1950
 Barton-Wright, Eustace and Alan McBain, 1933
 Bawden, F.C. and B. Kassanis, 1946
 Broadbent, L., 1946
 Broadbent, L., R.P. Chaudhuri and L. Kapica, 1950
 Broadbent, L. and T.W. Tinsley, 1951
 Davidson, T.R., 1955
 Davidson, T.R. and G.B. Sanford, 1955
 Dennis, R.W.G., 1939
 Dykstra, T.P., 1933
 Dykstra, T.P. and W.C. Whitaker, 1938
 Elze, D.L., 1931
 Folsom, Donald, 1921
 Gardner, Max W. and James B. Kendrick, 1924
 Gilbert, Alfred H., 1923, 1928
 Gilbert, G.H., 1929
 Goss, R.W., 1929
 Hoggan, Isme A., 1927
 Jones, Leon K., 1944
 Kassanis, B., 1952
 Kendrick, James B., Sr., 1952
 Kirkpatrick, Hugh C. and A. Frank Ross, 1952
 Klostermeyer, E.C., 1953
 Koch, Karl and James Johnson, 1935
 Link, G.K.K., 1923
 Locke, Seth Barton, 1947
 MacCarthy, H.R., 1954
 McKay, M.B. and T.P. Dykstra, 1932
 Porter, D.R., 1935
 Quanjer, H.M., 1920, 1931
 Quanjer, H.M. and D.L. Elze, 1930
 Rich, Avery E., 1949, 1951
 Schultz, E.S. and R. Bonde, 1929
 Schultz, E.S., C.F. Clark, R. Bonde, W.P.
 Raleigh and F.J. Stevenson, 1934
 Schultz, E.S., C.F. Clark, W.P. Raleigh, F.J. Stevenson, R. Bonde and J.H. Beaumont, 1937
 Schultz, E.S. and Donald Folsom, 1921, 1923, 1925
 Sheffield, F.M.L., 1943
 Smith, Kenneth M., 1929, 1931
 Stewart, F.C. and Hugh Glasgow, 1930, 1931

- Solanum tuberosum*, L. (cont.)
- V. potato leaf roll
 - Webb, R.E., 1956
 - Webb, R.E., R.H. Larson and J.C. Walker, 1952
 - Webb, R.E. and E.S. Schultz, 1954
 - Whitehead, T., 1924, 1931
 - Whitehead, T. and J.F. Currie, 1931
 - Whitehead, T., J.F. Currie and W. Maldwyn Davies, 1932
 - Young, P.A., 1930
 - Young, P.A. and H.E. Morris, 1930
 - V. potato leaf rolling mosaic
 - Dykstra, T.P., 1935, 1936
 - Dykstra, T.P. and W.C. Whitaker, 1938
 - Hoggan, Isme A., 1927
 - Johnson, James, 1929
 - McKay, M.B. and T.P. Dykstra, 1932
 - Porter, D.R., 1935
 - Schultz, E.S. and Donald Folsom, 1923, 1925
 - Young, P.A., 1930
 - Young, P.A. and H.E. Morris, 1930
 - V. potato M*
 - Bagnall, R.H. and R.H. Larson, 1957
 - V. potato necrotic *
 - Schultz, E.S. and W.P. Raleigh, 1933
 - V. potato paracrinkle
 - Affieri, S.A. and R.F. Stouffer, 1957
 - Bagnall, R.H. and R.H. Larson, 1957
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - Barton-Wright, Eustace and Alan McBain, 1933
 - Dykstra, T.P., 1936, 1939
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Kassanis, B., 1955
 - Whitehead, T., 1937
 - V. potato rosette
 - Hutton, E.M. and C.E.W. Oldaker, 1949
 - V. potato spindle tuber
 - Abbott, E.V., 1929
 - Bald, J.G., D.O. Norris and B.T. Dickson, 1941
 - Fernow, K.H., 1923
 - Folsom, Donald, 1923
 - Folsom, Donald and E.S. Schultz, 1924
 - Goss, R.W., 1926, 1928, 1929, 1930, 1931
 - McKay, M.B. and T.P. Dykstra, 1932
 - Porter, D.R., 1935
 - Schultz, E.S., C.F. Clark, R. Bonde, W.P. Raleigh and F.J. Stevenson, 1934
 - Schultz, E.S., C.F. Clark, W.P. Raleigh, F.J. Stevenson, R. Bonde and J.H. Beaumont, 1937
 - Schultz, E.S., C.F. Clark and F.J. Stevenson, 1940
 - Schultz, E.S. and Donald Folsom, 1920
 - Schultz, E.S., Donald Folsom, F. Merrill Hildebrandt and Lon A. Hawkins, 1919
 - Schultz, E.S. and W.P. Raleigh, 1933, 1936
 - Smith, J. Henderson, 1928
 - Smith, Kenneth M., 1927, 1929, 1930
 - Thompson, A.D., 1956
 - Timian, Roland G., W.J. Hooker and C.E. Peterson, 1955
 - Tompkins, C.M., 1926
 - Valleau, W.D. and E.M. Johnson, 1930
 - Vasudeva, R. Sahai and T.B. Lal, 1944
 - Whitehead, T., 1937
 - Whitehead, T. and J.F. Currie, 1931
 - Whitehead, T., J.F. Currie and W. Maldwyn Davies, 1932
 - V. potato Y
 - Atanasoff, D., 1924, 1925
 - Bald, J.G., 1945
 - Bald, J.G. and D.O. Norris, 1945
 - Bawden, F.C., 1936
 - Bawden, F.C. and B. Kassanis, 1946, 1947, 1951
 - Bawden, F.C. and F.M.L. Sheffield, 1944
 - Broadbent, L., 1946
 - Broadbent, L., R.P. Chaudhuri and L. Kapica, 1950
 - Broadbent, L. and T.W. Tinsley, 1951
 - Cockerham, George, 1943
 - Corbett, M.K., 1955
 - Darby, J.F., R.H. Larson and J.C. Walker, 1951
 - Dennis, R.W.G., 1939
 - Dykstra, T.P., 1933, 1936, 1939
 - Easton, G.D., R.H. Larson and R.W. Hougas, 1958
 - Hoggan, Isme A., 1927
 - Hutton, E.M. and J.W. Peak, 1952
 - Johnson, James, 1927
 - Jones, Leon K. and C.L. Vincent, 1937
 - Jones, Leon K., C.L. Vincent and Earl F. Burk, 1940
 - Kassanis, B., 1942
 - Koch, K.L., 1933
 - Koch, Karl and James Johnson, 1935
 - Larson, R.H., 1947
 - Larson, R.H. and J.F. Darby, 1951
 - Oswald, John W., 1948
 - Quanjer, H.M., 1931
 - Richardson, D.E., 1958
 - Ross, A. Frank, 1948, 1950
 - Samson, R.W., 1930
 - Schultz, E.S., C.F. Clark, R. Bonde, W.P. Raleigh and F.J. Stevenson, 1934
 - Schultz, E.S., C.F. Clark, W.P. Raleigh, F.J. Stevenson, R. Bonde and J.H. Beaumont, 1937
 - Solanum tuberosum*, L. (cont.)
 - V. potato X
 - Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 - Atanasoff, D., 1924
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - Bald, J.G., 1945
 - Bawden, F.C., 1936
 - Bawden, F.C. and F.M.L. Sheffield, 1944
 - Blodgett, F.M., 1927
 - Burnett, Grover and Leon K. Jones, 1931
 - Cockerham, George, 1943
 - Dennis, R.W.G., 1939
 - Dykstra, T.P., 1933, 1935, 1936, 1939
 - Fernow, Karl Hermann, 1925
 - Folsom, Donald, 1920
 - Folsom, Donald and Reiner Bonde, 1937
 - Folsom, Donald and E.S. Schultz, 1924

- Solanum tuberosum*, L. (cont.)
V. potato Y
 Schultz, E.S. and D. Folsom, 1922, 1923, 1925
 Smith, Kenneth M. and R.W.G. Dennis, 1940
 Valleau, W.D. and E.M. Johnson, 1930
 Vasudeva, R. Sahai and T.B. Lal, 1945
 Vincent, C.L. and L.K. Jones, 1936
 Watson, Marion A., 1956
 Whitehead, T., 1937
V. potato yellow dwarf
 Black, L.M., 1937, 1938, 1940, 1943
 Hansing, E.D., 1942, 1943
 Hougas, R.W., 1951
 Koch, K., 1934
 Larson, R.H., 1945, 1947
 Muncie, J.H., 1935
 Walker, J.C. and R.H. Larson, 1939
V. potato yellow spot
 Bonde, Reiner and Donald Merriam, 1954
V. potato yellow vein
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
V. strawberry green petal
 Frazier, N.W. and A.F. Posnette, 1957
V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
V. tobacco etch
 Holmes, Francis O., 1946
V. tobacco leaf curl
 Vasudeva, R.S. and J. Sam Raj, 1948
*V. tobacco leaf roll **
 Goenaga, Alvaro, 1945
V. tobacco mosaic
 Berkeley, G.H., 1927
 Blodgett, F.M., 1927
 Fernow, Karl Hermann, 1925
 Hoggan, Isme A., 1927
 Holmes, Francis O., 1946
 Johnson, James, 1927, 1929
 Jones, Leon K., C.L. Vincent and Earl F. Burk, 1940
 Quanjer, H.M., 1920
V. tobacco ring spot
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 Grogan, R.G. and W.C. Schnathorst, 1955
 Henderson, R.G. and S.A. Wingard, 1931
 Valleau, W.D., 1932
V. tobacco streak
 Fulton, Robert W., 1948
V. tomato big bud
 Helms, Katie, 1957
 Hill, A.V. and M. Mandryk, 1954
 Norris, D.O., 1954
V. tomato bushy stunt
 Smith, Kenneth M., 1935
V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
V. tomato spotted wilt
 Gardner, M.W. and O.C. Whipple, 1934
 Hutton, E.M., 1947
 Hutton, E.M. and A.R. Peak, 1952
 Milbrath, J.A., 1939
 Norris, D.O., 1951
 Norris, D. and J.G. Bald, 1943
 Parrish, G.K., 1940
 Sakimura, K., 1940
 Smith, Kenneth M., 1931, 1932
V. vaccinium false blossom
 Kunkel, L.O., 1945
S. verrucosum, Schlecht.
V. potato yellow dwarf
 Black, L.M., 1937
S. xanthocarpum, Schrad. & Wendl.
V. vaccinium false blossom
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- SOLIDAGO ((Tourn.))* L. 1735 (Compositae)
S. spp.
*V. prunus B **
 Fulton, Robert W., 1957
- SONCHUS ((Tourn.))* L. 1735 (Compositae)
S. arvensis, L.
V. aster yellows
 Kunkel, L.O., 1926
- S. arvensis*, L. (cont.)
V. beet mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
S. asper, (L.) Hill
V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
V. beet curly top
 Severin, Henry H.P., 1934
*V. beet ring spot **
 Harrison, B.D., 1957
V. lettuce mosaic
 Ainsworth, G.C. and L. Ogilvie, 1939
V. lucerne dwarf
 Freitag, J.H., 1951
- S. oloraceus*, L.
V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
 Kunkel, L.O., 1926
V. beet curly top
 Severin, Henry H.P., 1934
V. datura rugose leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
V. tobacco streak
 Fulton, Robert W., 1948
V. tobacco yellow dwarf
 Nelson, G.A.H., 1950
- SORBUS ((Tourn.))* L. 1735 (Rosaceae)
S. aucuparia, L.
V. mountain ash infectious variegation
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
S. sitchensis, Roem.
V. apple mosaic
 Thomas, H. Earl and L.M. Massey, 1939
- SORGHUM* L. 1735 (Gramineae)
S. arundinaceum, Roem. & Schult.
*V. grass natal mosaic **
 Storey, H.H., 1929
V. sugarcane mosaic
 Storey, H.H., 1929
S. halepense, (L.) Pers.
V. brome mosaic
 McKinney, H.H., 1944
S. spp.
V. sugarcane mosaic
 Storey, H.H., 1929
S. vulgare, Pers.
V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
V. brome mosaic
 McKinney, H.H., 1944
*V. rice and corn leaf-gall **
 Agati, Julian A. and Carlos A. Calica, 1950
V. sugarcane mosaic
 Costa, A.S. and M.P. Penteado, 1951
 Chona, B.L. and S.A. Rafay, 1950
S. vulgare var. *saccharatum*, (L.) Boerl.
V. sugarcane mosaic
 Brandes, E.W., 1920
 Matz, Julius, 1933
S. vulgare var. *sudanense*, (Piper) Hichtc.
V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
V. brome mosaic
 McKinney, H.H., 1944
- SPARAXIS* Ker-Gawl. 1804 (Iridaceae)
S. spp.
V. cucumber mosaic
 Smith, Floyd F. and Philip Brierley, 1944
V. sparaxis mosaic
 Smith, Floyd F. and Philip Brierley, 1944
- SPATHOGLOTTIS* Blume 1825 (Orchidaceae)
S. spp.
*V. orchid **
 Murakishi, H. and M. Ishii, 1954

- SPERGULA** L. 1735 (Caryophyllaceae)
- S. arvensis*, L.
- V. aster yellows
 - Frazier, Norman W. and Henry H.P. Severin, 1945
 - V. beet yellows
 - Roland, G. and J. Tahon, 1961
 - V. raspberry Scottish leaf curl
 - Harrison, B.D., 1957, 1958
 - V. tobacco streak
 - Fulton, Robert W., 1948
- SPINACIA** ((Tourn.)) L. 1735 (Chenopodiaceae)
- S. oleracea*, L.
- V. aster yellows
 - Kunkel, L.O., 1926
 - Severin, Henry H.P. and Julius H. Freitag, 1945
 - V. beet curly top
 - Carsner, E., 1919
 - Costa, A.S., 1952
 - Giddings, N.J., 1944
 - Lackey, C.F., 1929
 - Severin, H.H.P., 1928
 - Severin, Henry H.P. and Charles F. Henderson, 1928
 - V. beet leaf curl
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. beet mosaic
 - Hoggan, I.A., 1933
 - McLean, D.M., 1952
 - Pound, Glenn S., 1947
 - Severin, Henry H.P., 1948
 - Severin, Henry H.P. and Roger M. Drake, 1948
 - V. beet yellows
 - Bennett, C.W. and A.S. Costa, 1949
 - McLean, D.M., 1953
 - Roland, G. and J. Tahon, 1961
 - V. cabbage black ring spot
 - Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1937, 1938
 - V. cabbage ring necrosis
 - Larson, R.H. and J.C. Walker, 1940, 1941
 - V. carnation ring spot
 - Brierley, Philip and Floyd F. Smith, 1957
 - V. cucumber green mottle mosaic
 - Storey, I.F., 1939
 - V. cucumber mosaic
 - Berkeley, G.H. and J.H. Tremaine, 1954
 - Bridgmon, G.H. and J.C. Walker, 1952
 - Cheo, Pen-Ching and Glenn S. Pound, 1952
 - Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
 - Fulton, Joseph P., 1950
 - Fulton, Robert W., 1941
 - Covier, D.A., 1957
 - Hoggan, I.A., 1930, 1933, 1935
 - Larsh, Howard W. and J.R. Shay, 1945
 - McClintock, J.A. and Loren B. Smith, 1918
 - Nienow, Inez, 1948
 - Pound, Glenn S. and Pen-Ching Cheo, 1952
 - Price, W.C., 1934
 - Wellman, F.L., 1935
 - Whipple, O.C. and J.C. Walker, 1941
 - V. cucumber western mosaic *
 - Severin, Henry H.P., 1948
 - Severin, Henry H.P. and Julius H. Freitag, 1948
 - V. lucerne mosaic
 - Price, W.C., 1940
 - Severin, Henry H.P., 1948
 - V. pea mottle
 - Johnson, Folke, 1942
 - V. radish mosaic
 - Tompkins, C.M., 1939
 - V. red currant ring spot
 - Klessner, P.J., 1951
 - V. rhubarb ring spot*
 - Vaughan, Edward K. and John W. Yale, Jr., 1953
 - Yale, John W., Jr. and Edward K. Vaughan, 1954
 - V. spinach yellow dwarf
 - Severin, Henry H.P. and Donald H. Little, 1947
 - V. tobacco broad ring spot
 - Johnson, James and Robert W. Fulton, 1942
 - V. tobacco mosaic
 - Fulton, Robert W., 1941
 - Grant, T.J., 1934
- S. oleracea*, L. (cont.)
- V. tobacco mosaic
 - Holmes, Francis O., 1946
 - Jones, L.K., 1934
- V. tobacco ring spot
 - Bridgmon, G.H. and J.C. Walker, 1952
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Fulton, Robert W., 1941
 - Grogan, R.G. and W.C. Schnathorst, 1955
 - Hoggan, I.A., 1933
- V. tobacco ring spot no. 2
 - Brierley, Philip, 1954
- V. tobacco streak
 - Fulton, Robert W., 1948
- V. tomato aspermy
 - Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1953, 1955
 - Hollings, M., 1955
- V. tomato black ring
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tomato spotted wilt
 - Sakimura, K., 1940
- V. turnip mosaic
 - Berkeley, G.H. and J.H. Tremaine, 1954
 - Hoggan, I.A. and J. Johnson, 1935
 - LeBeau, Francis J. and J.C. Walker, 1945
 - Tompkins, C.M., 1939
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- S. tetrandra, Stev. ex Bieb.
- V. beet yellows
 - Roland, G. and J. Tahon, 1961
- STACHYTARPHETA** Vahl 1805 (Verbenaceae)
- S. cayennensis*, Schau.
- V. stachytarpheta cayennensis mosaic *
 - Jensen, D.D., 1949
- S. indica, Vahl
- V. sandal spike
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- STATICE** Tourn. ex L. 1735 (Plumbaginaceae)
- S. armeria*, L.
- V. tobacco necrosis
 - Price, W.C., 1940
- STELLARIA** L. 1753 (Caryophyllaceae)
- S. media*, (L.) Cyr.
- V. aster yellows
 - Frazier, Norman W. and Henry H.P. Severin, 1945
 - V. beet curly top
 - Bennett, C.W., Eubanks Carsner, F.H. Coons and E.W. Brandes, 1946
 - Bennett, C.W. and A.S. Costa, 1949
 - Bennett, C.W. and Aziz Tanrisever, 1957
 - Carsner, E., 1919
 - Carsner, Eubanks and C.F. Stahl, 1924
 - Costa, A.S., 1952
 - Lackey, C.F., 1932, 1937
 - Severin, Henry H.P., 1934
 - V. beet mosaic
 - Pound, Glenn S., 1947
 - V. beet ring spot *
 - Harrison, B.D., 1957
 - V. beet yellows
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Roland, G. and J. Tahon, 1961
 - V. cabbage black ring spot
 - Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1937, 1938
 - V. cucumber mosaic
 - Burnett, G., 1934
 - V. pea mottle
 - Johnson, Folke, 1942
 - V. peach yellow bud mosaic
 - Karle, Harry P., 1957
 - V. raspberry Scottish leaf curl
 - Harrison, B.D., 1958
 - V. tobacco mosaic
 - Holmes, Francis O., 1938, 1946
 - V. tomato spotted wilt
 - Holmes, Francis O., 1948

- Stellaria media*, (L.) Cyr. (cont.)
V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- STERCULIA* L. 1747 (Stereuliaceae)
S. laevis, Wall.
V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- S. rhinopetala*, K. Schum.
V. cacao swollen shoot
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
- Tinsley, T.W. and A.L. Wharton, 1958
- S. setigera*, Del.
V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- S. tragacantha*, Lindl.
V. cacao swollen shoot
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
- Tinsley, T.W. and A.L. Wharton, 1958
- STIPA* L. 1753 (Gramineae)
S. comata, Trin. & Rupr.
V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- S. robusta*, Scribn.
V. wheat streak mosaic
 McKinney, H.H. and Hurley Fellows, 1951
- STREPTANTHERA* Sweet 1827 (Iridaceae)
S. cuprea, Sweet
V. streptanthera mosaic
 Smith, Floyd F. and Philip Brierley, 1944
- STREPTOSOLEN* Miers 1850 (Solanaceae)
S. jamesonii, Miers
V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- STRYCHNOS* L. 1735 (Loganiaceae)
S. subifera, Gilg. & Busse
V. groundnut rosette
 Evans, A.C., 1954
- STYLOSANTHES* Sw. 1788 (Leguminosae)
S. bojeri, Vog.
V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- S. erecta*, Beauv.
V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- S. gracilis*, H. B. & K.
V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- S. guianensis*, Sw.
V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- S. leiocarpa*, Vog.
V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- S. montevidensis*, Vog.
V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- S. spp.*
V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- S. sundaiaca*, Taub.
V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- SUAEDA* Forsk. 1775 (Chenopodiaceae)
S. fruticosa, Forsk.
V. beet yellows
 Roland, G. and J. Tahon, 1961
- S. moquinii*, Greene
V. beet curly top
 Carsner, E., 1925
- Severin, Henry H.P., 1939
- V. beet yellows*
 Roland, G. and J. Tahon, 1961
- S. splendens*, Gren. & Godr.
V. beet yellows
 Roland, G. and J. Tahon, 1961
- SYMPHORICARPOS* Dill. ex Juss. 1789 (Caprifoliaceae)
S. albus, (L.) Blake
V. lucerne dwarf
 Freitag, J.H., 1951
- SYNEDRELLA* Gaert. 1791 (Compositae)
S. nodiflora, Gaertn.
V. tobacco leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- SYNTHERISMA* Walt. 1788 (Gramineae)
S. sanguinalis, Dulac.
V. sugarcane mosaic
 Brandes, E.W., 1920
- Brandes, E.W. and Peter J. Klaphaak, 1923
- Chardon, C.E. and R.A. Veve, 1923
- SYRINGA* L. 1735 (Oleaceae)
S. japonica, Decne.
V. lilac witches' broom
 Brierley, Philip, 1955
- Lorentz, Paul and Philip Brierley, 1953
- S. vulgaris*, L.
V. lilac ring mosaic
 Beale, J.H. and Helen Purdy Beale, 1952
- V. lilac witches' broom*
 Brierley, Philip, 1955
- Lorentz, Paul and Philip Brierley, 1953
- V. lucerne dwarf*
 Freitag, J.H., 1951
- TABEBUIA* Gomez 1803 (Bignoniaceae)
T. pallida, Miers
V. tabebuia witches' broom
 Cook, M.T., 1937, 1938
- TACSONIA* Juss. 1789 (Passifloraceae)
T. spp.
V. cucumber mosaic
 Nattrass, R.M., 1944
- TAGETES* L. 1737 (Compositae)
T. erecta, L.
V. anemone mosaic *
- Hollings, M., 1957
- V. aster yellows*
 Kunkel, L.O., 1926
- Severin, Henry H.P., 1929
- Severin, Henry H.P. and Julius H. Freitag, 1934, 1945
- V. beet curly top*
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. cucumber mosaic*
 Wellman, F.L., 1935
- V. lettuce mosaic*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco mosaic*
 Holmes, Francis O., 1946
- V. tobacco ring spot*
 Grogan, R.G. and W.C. Schnathorst, 1955
- Wingard, S.A., 1928
- V. vaccinium false blossom*
 Kunkel, L.O., 1945
- T. patula*, L.
V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1934, 1945
- V. beet curly top*
 Freitag, Julius H. and Henry H.P. Severin, 1936
- V. carnation ring spot*
 Brierley, Philip and Floyd F. Smith, 1957
- V. cucumber mosaic*
 Nienow, Inez, 1948
- Wellman, F.L., 1934, 1935
- V. tobacco mosaic*
 Grant, T.J., 1934
- Holmes, Francis O., 1946
- T. signata*, Bartl.
V. tobacco mosaic
 Holmes, Francis O., 1946
- T. singata* var. *pumila*, Hort.
V. bayberry yellows
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

- TALINUM** Adans. 1763 (Portulacaceae)
T. caffrum, Eckl. & Zeyh.
 V. groundnut rosette
 Evans, A.C., 1954
- TANACETUM** Tourn. ex L. 1735 (Compositae)
T. boreale, Fisch. ex Link
 V. chrysanthemum stunt
 Brierley, Philip, 1953
- T. camphoratum*, Less.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
- T. vulgare*, L.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
- TARAXACUM** L. 1735 (Compositae)
T. officinale, Weber
 V. aster yellows
 Kunkel, L.O., 1926
- V. beet ring spot *
 Harrison, B.D., 1957
- V. chrysanthemum latent *
 Hollings, M., 1957
- V. dandelion yellow mosaic
 Kassanis, B., 1947
- V. raspberry yellow dwarf *
 Harrison, B.D., 1958
- V. tobacco streak
 Fulton, Robert W., 1948
- TEPHROSIA** Pers. 1807 (Leguminosae)
T. spp.
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
- TETRAGONIA** L. 1735 (Aizoaceae)
T. echinata, Ait.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- T. expansa*, Thunb.
 V. anemone brown ring *
 Hollings, M., 1958
- V. anemone mosaic *
 Hollings, M., 1957
- V. beet mosaic
 Pound, Glenn S., 1947
- Severin, Henry H.P. and Roger M. Drake, 1948
- V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
- V. chrysanthemum latent *
 Hollings, M., 1957
- V. cabbage black ring spot
 Hollings, M., 1957
- V. clover big vein
 Black, L.M., 1945
- V. cucumber mosaic
 Hollings, M., 1955
- Wellman, F.L., 1935
- V. cucumber western mosaic *
 Severin, Henry H.P., 1948
- V. datura distortion mosaic
 Kapoor, S.P. and P.M. Varma, 1952
- V. lucerne mosaic
 Price, W.C., 1940
- V. ranunculus mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. red currant ring spot
 Klesser, P.J., 1951
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Grant, T.J., 1934
- Holmes, Francis O., 1946
- V. tobacco necrosis
 Price, W.C., 1940
- V. tobacco ring spot
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
- Priode, C.N., 1928
- Wingard, S.A., 1928
- V. tobacco ring spot no. 2
 Brierley, Philip, 1954
- T. expansa, Thunb. (cont.)
 V. tobacco ring spot no. 2
 Price, W.C., 1940
- V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- V. tomato black ring
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
- THEA** L. 1735 (Theaceae)
T. sinensis, L. (*Camellia sinensis*, (L.) Kuntze)
 V. tea phloem necrosis
 Bond, T.E.T., 1947
- THELYPODIUM** Endl. 1839 (Cruciferae)
T. lasiophyllum, Greene
 V. beet curly top
 Severin, Henry H.P., 1934
- THEOBROMA** L. 1737 (Sterculiaceae)
T. angustifolia, ((Moc. & Sesse)) ex DC.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- T. bicolor*, Humb. & Bonpl.
 V. cacao swollen shoot
 Posnette, A.F. and J. McA. Todd, 1951
- Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
- Tinsley, T.W. and A.L. Wharton, 1958
- T. cacao*, L.
 V. cacao swollen shoot
 Attafuah, A. and T.W. Tinsley, 1958
- Baker, R.E.D. and W.T. Dale, 1947
- Crowdy, S.H. and A.F. Posnette, 1947
- Goodall, D.W., 1949
- Hanna, A.D. and W. Heatherington, 1957
- Posnette, A.F., 1947, 1950
- Posnette, A.F. and N.F. Robertson, 1950
- Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
- Posnette, A.F. and A.H. Strickland, 1948
- Posnette, A.F. and J. McA. Todd, 1951, 1955
- Tinsley, T.W. and A.L. Wharton, 1958
- T. grandiflorum*, K. Schum.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- T. microcarpa*, Mart.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- T. obovata*, Klotzsch, ex Bern.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- T. speciosa*, Willd. ex Spreng.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- THLASPI** ((Tourn.)) L. 1737 (Cruciferae)
T. arvensis, L.
 V. anemone mosaic *
 Hollings, M., 1957
- V. beet yellows
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Roland, G. and J. Tahon, 1961
- V. cabbage black ring spot
 Hollings, M., 1957
- V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
- V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. chrysanthemum latent *
 Hollings, M., 1957
- V. cucumber mosaic
 Pound, Glenn S. and J.C. Walker, 1948
- V. tobacco ring spot
 Pound, Glenn S., 1949
- V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
- V. turnip mosaic
 Pound, Glenn S., 1948
- Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

- Thlaspi arvense*, L. (cont.)
 V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
- THUNBERGIA* Retz. 1776 (Acanthaceae)
T. alata, Bojer
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. lucerne mosaic
 Price, W.C., 1940
 V. prunus B *
 Fulton, Robert W., 1957
- TIGRIDIA* Juss. 1789 (Iridaceae)
T. pavonia, Ker-Gawl.
 V. tigridia mosaic
 Smith, Floyd F. and Philip Brierley, 1944
- TILIA* ((Tourn.)) L. 1735 (Tiliaceae)
T. platyphyllos, Scop.
 V. rose cowl forming
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- T. spp.*
 V. rose cowl forming
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- TITHONIA* Desf. ex Juss. 1789 (Compositae)
T. rotundifolia, (Mill.) Blake
 V. chrysanthemum stunt
 Brierley, Philip, 1953
 Keller, John R., 1953
 V. tithonia rotundifolia mosaic *
 Cook, M.T., 1936
- T. speciosa*, Hook.
 V. prunus B *
 Fulton, Robert W., 1957
- TORENIA* L. 1751 (Scrophulariaceae)
T. fournieri, Lind.
 V. clover big vein
 Black, L.M., 1945
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- TRACHELIUM* Tourn. ex L. 1735 (Campanulaceae)
T. caeruleum, L.
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- T. spp.*
 V. tomato spotted wilt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- TRACHYMENE* Rudge 1811 (Umbelliferae)
T. caerulea, R. Graham
 V. aster yellows
 Severin, Henry H.P. and Julius H. Freitag, 1945
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. tobacco necrosis
 Price, W.C., 1940
 V. tobacco ring spot
 Price, W.C., 1940
- TRADESCANTIA* Rupp. ex L. 1735 (Commelinaceae)
T. spp.
 V. cucumber mosaic
 Wellman, F.L., 1935
- TRAGOPOGON* ((Tourn.)) L. 1735 (Compositae)
T. porrifolius, L.
 V. aster yellows
 Kunkel, L.O., 1926
 Severin, Henry H.P., 1934
 V. vaccinium false blossom
 Kunkel, L.O., 1945
- TRIANTHEMA* L. 1753 (Aizoaceae)
T. portulacastrum, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- TRICHOSANTHES* L. 1737 (Cucurbitaceae)
T. anguina, L.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. cucumber green mottle mosaic
 Azad, R.N., 1956
 V. cucumber mosaic
 Jagger, I.C., 1918
 Nariani, T.K. and Nirmaljit Singh, 1952
 V. cucurbit mosaic *
 Doolittle, S.P. and M.N. Walker, 1925
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
 V. squash mosaic
 Freitag, J.H., 1956
- TRIFOLIUM* ((Tourn.)) L. 1735 (Leguminosae)
T. agrarium, L.
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. potato yellow dwarf
 Black, L.M., 1937
- T. alexandrinum*, L.
 V. lucerne mosaic
 Kreitlow, K.W. and W.C. Price, 1949
- T. angustifolium*, L.
 V. subterranean clover mosaic
 Aitken, Y. and B.J. Grieve, 1943
- T. carolinianum*, Michx.
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- T. dubium*, Sibth.
 V. lucerne mosaic
 Kreitlow, K.W. and W.C. Price, 1949
- V. pea mosaic*
 Murphy, D.M. and W.H. Pierce, 1937
- T. fragiferum*, L.
 V. lucerne dwarf
 Freitag, J.H., 1951
 V. lucerne mosaic
 Kreitlow, K.W. and W.C. Price, 1949
- T. giganteum* *
 V. lucerne mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- T. glomeratum*, L.
 V. lucerne mosaic
 Kreitlow, K.W. and W.C. Price, 1949
- V. pea enation mosaic*
 Hagedorn, D.J., 1957
- V. pea mosaic*
 Murphy, D.M. and W.H. Pierce, 1937
- V. subterranean clover mosaic*
 Aitken, Y. and B.J. Grieve, 1943
- V. tobacco streak*
 Fulton, Robert W., 1948
- T. hirtum*, All.
 V. lucerne mosaic
 Kreitlow, K.W. and W.C. Price, 1949
- T. hybridum*, L.
 V. alsike clover mosaic
 Wade, B.L. and W.J. Zaumeyer, 1938
 Zaumeyer, W.J. and B.L. Wade, 1935
- V. aster yellows*
 Raymer, W.B., 1956
- V. bean yellow mosaic*
 Baggett, James R., 1957
 Grogan, Raymond G. and J.C. Walker, 1948
 Hagedorn, D.J. and E.W. Hanson, 1953, 1957
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
 Hanson, E.W. and D.J. Hagedorn, 1954, 1956
 Hungerford, C.W. and Irvin G. Hillyer, 1954
- V. beet curly top*
 Giddings, N.J., 1944
 Severin, Henry H.P. and Charles F. Henderson, 1928
- V. cucumber mosaic*
 Hagedorn, D.J., 1950
 Hagedorn, D.J. and J.C. Walker, 1954

- Trifolium hybridum*, L. (cont.)
- V. gladiolus *
 - Snow, Gordon F., 1955
 - V. lucerne dwarf
 - Freitag, J.H., 1951
 - V. lucerne mosaic
 - Hagedorn, D.J. and E.W. Hanson, 1953, 1957
 - Hanson, E.W. and D.J. Hagedorn, 1954, 1956
 - Kreitlow, K.W. and W.C. Price, 1949
 - V. pea enation mosaic
 - Johnson, Folke and Leon K. Jones, 1937
 - V. pea mosaic
 - Johnson, F. and L.K. Jones, 1936
 - Murphy, D.M. and W.H. Pierce, 1937
 - Pierce, W.H., 1937
 - V. pea mottle
 - Johnson, Folke, 1942
 - Johnson, F. and L.K. Jones, 1936, 1937
 - V. pea streak
 - Hagedorn, D.J., 1948
 - V. pea wilt
 - Johnson, Folke, 1942
 - V. potato yellow dwarf
 - Black, L.M., 1937
 - V. red clover mosaic *
 - Dickson, B.T., 1922
 - V. red clover vein mosaic
 - Graves, Clinton H., Jr. and D.J. Hagedorn, 1956
 - Hagedorn, D.J. and E.W. Hanson, 1951, 1953, 1957
 - Hagedorn, D.J. and J.C. Walker, 1949, 1954
 - Hanson, E.W. and D.J. Hagedorn, 1954, 1956
 - Osborn, H.T., 1937
 - V. subterranean clover mosaic
 - Aitken, Y. and B.J. Grieve, 1943
 - V. tobacco ring spot
 - Rich, Saul, 1940
 - V. Wisconsin pea streak
 - Hagedorn, D.J. and J.C. Walker, 1949, 1954
 - Skotland, C.B., 1953
- T. incarnatum, L.
- V. alsike clover mosaic
 - Zaumeyer, W.J., 1940
 - V. aster yellows
 - Raymer, W.B., 1956
 - V. bean yellow mosaic
 - Baggett, James R., 1957
 - Conover, Robert A., 1948
 - Diachun, Stephen and Lawrence Henson, 1956
 - Grogan, Raymond G. and J.C. Walker, 1948
 - Hagedorn, D.J., 1948, 1952
 - Hagedorn, D.J. and E.W. Hanson, 1953, 1957
 - Hagedorn, D.J. and J.C. Walker, 1950, 1954
 - Hanson, E.W. and D.J. Hagedorn, 1954, 1956
 - Pierce, W.H., 1934
 - Thomas, H. Rex and W.J. Zaumeyer, 1953
 - Zaumeyer, W.J., 1940
 - V. beet curly top
 - Giddings, N.J., 1944
 - Severin, Henry H.P. and Charles F. Henderson, 1928
 - V. beet mosaic
 - Bennett, C.W., 1949
 - V. broad bean mottle
 - Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
 - V. clover big vein
 - Black, L.M., 1945, 1953
 - Black, L.M. and M.K. Brakke, 1952
 - Maramorosch, Karl, 1950
 - V. clover club leaf
 - Black, L.M., 1948, 1949
 - V. clover disease, European leafhopper-borne *
 - Maramorosch, Karl, 1953, 1954
 - V. clover enation *
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. clover witches' broom *
 - Frazier, N.W. and A.F. Posnette, 1957
 - V. cucumber mosaic
 - Brierley, Philip and Floyd F. Smith, 1944
 - Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
 - Hagedorn, D.J., 1950, 1952
 - Hagedorn, D.J. and J.C. Walker, 1954
 - Price, W.C., 1940
- T. incarnatum, L. (cont.)
- V. filaree red leaf
 - Anderson, Chris W., 1952
 - V. lucerne dwarf
 - Freitag, J.H., 1951
 - V. lucerne mosaic
 - Black, L.M. and W.C. Price, 1940
 - Hagedorn, D.J. and E.W. Hanson, 1953, 1957
 - Hanson, E.W. and D.J. Hagedorn, 1954, 1956
 - Kreitlow, K.W. and W.C. Price, 1949
 - Pierce, W.H., 1934
 - Thomas, H. Rex, 1951
 - Zaumeyer, W.J., 1938, 1953
 - V. pea enation mosaic
 - Chaudhuri, R.P., 1950
 - Hagedorn, D.J., 1952
 - Hagedorn, D.J. and J.C. Walker, 1954
 - McEwen, F.L. and W.T. Schroeder, 1956
 - Osborn, H.T., 1938
 - Simons, John N., 1954
 - Stubbs, M.W., 1937
 - V. pea mosaic
 - Chaudhuri, R.P., 1950
 - Hagedorn, D.J., 1948
 - Hagedorn, D.J. and J.C. Walker, 1954
 - Murphy, D.M. and W.H. Pierce, 1937
 - Osborn, H.T., 1935, 1937
 - Stubbs, M.W., 1936, 1937
 - V. pea mottle
 - Johnson, Folke, 1942
 - V. pea streak
 - Hagedorn, D.J., 1948
 - Zaumeyer, W.J., 1938
 - V. pea wilt
 - Johnson, Folke, 1942
 - V. potato yellow dwarf
 - Black, L.M., 1938, 1943, 1953
 - Hougas, R.W., 1951
 - V. red clover mosaic *
 - Dickson, B.T., 1922
 - V. red clover vein mosaic
 - Hagedorn, D.J., 1952
 - Hagedorn, D.J. and E.W. Hanson, 1951, 1953, 1957
 - Hagedorn, D.J. and J.C. Walker, 1949, 1954
 - Hanson, E.W. and D.J. Hagedorn, 1954, 1956
 - Osborn, H.T., 1937
 - V. strawberry green petal
 - Frazier, N.W. and A.F. Posnette, 1957
 - V. subterranean clover mosaic
 - Aitken, Y. and B.J. Grieve, 1943
 - V. tobacco broad ring spot
 - Johnson, James and Robert W. Fulton, 1942
 - V. tobacco necrosis
 - Price, W.C., 1940
 - V. tobacco ring spot
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - Pierce, W.H., 1934
 - Stubbs, M.W., 1937
 - V. tobacco streak
 - Fulton, Robert W., 1948
 - Thomas, H. Rex and W.J. Zaumeyer, 1950
 - V. Wisconsin pea streak
 - Hagedorn, D.J., 1952
 - Hagedorn, D.J. and J.C. Walker, 1949, 1954
 - T. minus, Relhan
 - V. subterranean clover mosaic
 - Aitken, Y. and B.J. Grieve, 1943
 - T. pratense, L.
 - V. alsike clover mosaic
 - Hanson, E.W. and D.J. Hagedorn, 1952
 - V. aster yellows
 - Raymer, W.B., 1956
 - V. bean yellow mosaic
 - Diachun, Stephen and Lawrence Henson, 1953, 1956, 1957
 - Elliott, J.A., 1921
 - Hagedorn, D.J., 1948, 1952
 - Hagedorn, D.J. and E.W. Hanson, 1953, 1957
 - Hagedorn, D.J. and J.C. Walker, 1950, 1954
 - Hanson, E.W. and D.J. Hagedorn, 1952, 1954, 1956
 - McWhorter, Frank P., 1949
 - Oshima, Nagayoshi and M.F. Kernkamp, 1957

- Trifolium pratense*, L.
 V. bean yellow mosaic
 Pierce, W.H., 1935, 1937
 Zaumeyer, W.J., 1940
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. beet curly top
 Severin, Henry H.P. and Charles F. Henderson, 1928
 V. broad bean mottle
 Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
 Yu, T.F., 1939
 V. clover big vein
 Black, L.M., 1945
 V. clover witches' broom *
 Frazier, N.W. and A.F. Posnette, 1957
 V. cucumber mosaic
 Hagedorn, D.J., 1950, 1952
 Hagedorn, D.J. and J.C. Walker, 1954
 V. datura rugose leaf curl
 Grylls, N.E., 1955
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
 V. lucerne dwarf
 Freitag, J.H., 1951
 V. lucerne mosaic
 Berkeley, G.H., 1947
 Black, L.M. and W.C. Price, 1940
 Hagedorn, D.J. and E.W. Hanson, 1953, 1957
 Hanson, E.W. and D.J. Hagedorn, 1952, 1954, 1956
 Johnson, E.M., 1946
 Kreitlow, K.W. and W.C. Price, 1949
 Pierce, W.H., 1934, 1937
 Thomas, H. Rex, 1951
 Zaumeyer, W.J., 1938
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. lucerne witches' broom
 Klostermeyer, E.C. and J.D. Menzies, 1951
 Menzies, J.D., 1946
 V. pea enation mosaic
 Hagedorn, D.J., 1952
 V. pea mosaic
 Doolittle, S.P. and F.R. Jones, 1925
 Hagedorn, D.J., 1948
 Hanson, E.W. and D.J. Hagedorn, 1952
 Murphy, D.M. and W.H. Pierce, 1937
 Osborn, H.T., 1937
 Oshima, Nagayoshi and M.F. Kernkamp, 1957
 Pierce, W.H., 1935, 1937
 V. pea mottle
 Johnson, Folke, 1942
 Johnson, F. and L.K. Jones, 1936, 1937
 V. pea streak
 Hagedorn, D.J., 1948
 Oshima, Nagayoshi and M.F. Kernkamp, 1957
 Zaumeyer, W.J., 1938
 V. pea wilt
 Johnson, Folke, 1942
 V. pea yellow mosaic *
 Ainsworth, G.C., 1940
 V. potato yellow dwarf
 Black, L.M., 1936, 1937
 Hansing, E.D., 1942
 V. red clover mosaic *
 Dickson, B.T., 1922
 Dickson, B.T. and G.P. McRostie, 1922
 Elliott, J.A., 1921
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. red clover vein mosaic
 Graves, Clinton H., Jr. and D.J. Hagedorn, 1956
 Hagedorn, D.J., 1952
 Hagedorn, D.J. and E.W. Hanson, 1951, 1953, 1957
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 Hanson, E.W. and D.J. Hagedorn, 1952, 1954, 1956
 Osborn, H.T., 1937, 1938
 V. strawberry green petal
 Frazier, N.W. and A.F. Posnette, 1957
 V. subterranean clover mosaic
 Aitken, Y. and B.J. Grieve, 1943
 V. sweet pea mosaic *
 Doolittle, S.P. and F.R. Jones, 1925
- T. pratense, L. (cont.)
 V. tobacco necrosis
 Fulton, Robert W., 1950
 V. tobacco ring spot
 Benedict, W.G., 1955
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 Pound, Glenn S., 1949
 V. tobacco streak
 Fulton, Robert W., 1948
 Thomas, H. Rex and W.J. Zaumeyer, 1950
 V. Wisconsin pea streak
 Hagedorn, D.J., 1952
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 Hanson, E.W. and D.J. Hagedorn, 1952
 Skotland, C.B., 1953
 Skotland, C.B. and D.J. Hagedorn, 1954
 T. pratense var. perenne, Host
 V. beet curly top
 Severin, Henry H.P. and Charles F. Henderson, 1928
 T. procumbens, L.
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 T. reflexum, L.
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 T. repens, L.
 V. aster yellows
 Raymer, W.B., 1956
 Raymer, W.B. and Clark R. Amen, 1954
 Webb, R.E. and E.S. Schultz, 1955
 V. bean yellow mosaic
 Ainsworth, G.C., 1940
 Houston, Byron R. and John W. Oswald, 1953
 Kreitlow, K.W., O.J. Hunt and H.L. Wilkins, 1957
 V. beet curly top
 Giddings, N.J., 1944
 Severin, Henry H.P. and Charles F. Henderson, 1928
 V. broad bean mottle
 Yu, T.F., 1939
 V. clover witches' broom *
 Frazier, N.W. and A.F. Posnette, 1957
 V. cucumber mosaic
 Hagedorn, D.J., 1950
 Hagedorn, D.J. and J.C. Walker, 1954
 V. datura rugose leaf curl
 Grylls, N.E., 1955
 V. (legume) little leaf disease *
 Hutton, E.M. and N.E. Grylls, 1956
 V. lucerne dwarf
 Freitag, J.H., 1951
 V. lucerne mosaic
 Black, L.M. and W.C. Price, 1940
 Houston, Byron R. and John W. Oswald, 1953
 Johnson, E.M., 1946
 Kreitlow, K.W., O.J. Hunt and H.L. Wilkins, 1957
 Kreitlow, K.W. and W.C. Price, 1949
 Pierce, W.H., 1934
 Roberts, D.A., 1956
 Snyder, William C. and Saul Rich, 1942
 Zaumeyer, W.J., 1938, 1953
 V. lucerne witches' broom
 Klostermeyer, E.C. and J.D. Menzies, 1951
 Menzies, J.D., 1946
 V. pea enation mosaic
 McEwen, F.L. and W.T. Schroeder, 1956
 V. pea mottle
 Johnson, Folke, 1942
 Johnson, F. and L.K. Jones, 1936, 1937
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. pea streak
 Zaumeyer, W.J., 1938
 V. pea wilt
 Johnson, Folke, 1942
 V. potato yellow dwarf
 Black, L.M., 1937
 Hansing, E.D., 1942
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus B *
 Fulton, Robert W., 1957

- Trifolium repens*, L. (cont.)
- V. red clover mosaic *
 - Dickson, B. T., 1922
 - V. red clover vein mosaic
 - Hagedorn, D. J. and E. W. Hanson, 1951
 - Hagedorn, D. J. and J. C. Walker, 1954
 - Osborn, H. T., 1937
 - Roberts, D. A., 1957
 - V. strawberry green petal
 - Frazier, N. W. and A. F. Posnette, 1957
 - V. tobacco necrosis
 - Fulton, Robert W., 1950
 - V. tobacco ring spot
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - V. tobacco streak
 - Fulton, Robert W., 1948
 - V. tobacco yellow dwarf
 - Helson, G. A. H., 1950
 - V. Wisconsin pea streak
 - Hagedorn, D. J. and J. C. Walker, 1949, 1954
- T. repens* var. *giganteum* *
- V. lucerne mosaic
 - Kreitlow, K. W. and W. C. Price, 1948
- T. repens* var. *latum*, McCarthy *
- V. lucerne dwarf
 - Freitag, J. H., 1951
 - V. lucerne mosaic
 - Houston, Byron R. and John W. Oswald, 1951
 - V. red clover vein mosaic
 - Graves, Clinton H., Jr. and D. J. Hagedorn, 1956
- T. repens* f. *giganteum*, Lagr.-Foss. *
- V. bean yellow mosaic
 - Thomas, H. Rex and W. J. Zaumeyer, 1953
 - V. lucerne mosaic
 - Thomas, H. Rex, 1951
- T. resupinatum*, L.
- V. lucerne mosaic
 - Kreitlow, K. W. and W. C. Price, 1949
 - V. potato yellow dwarf
 - Black, L. M., 1938
 - V. raspberry yellow dwarf *
 - Harrison, B. D., 1958
- T. striatum*, L.
- V. subterranean clover mosaic
 - Aitken, Y. and B. J. Grieve, 1943
- T. suaveolens*, Willd.
- V. pea mosaic
 - Murphy, D. M. and W. H. Pierce, 1937
- T. subterraneum*, L.
- V. bean yellow mosaic
 - Hutton, E. M. and J. W. Peak, 1954
 - V. broad bean mottle
 - Bawden, F. C., R. P. Chaudhuri and B. Kassanis, 1951
 - V. gladiolus *
 - Snow, Gordon F., 1955
 - V. kaimi clover disease *
 - Murakishi, Harry H., 1952
 - V. (legume) little leaf disease *
 - Hutton, E. M. and N. E. Grylls, 1956
 - V. lucerne mosaic
 - Kreitlow, K. W. and W. C. Price, 1949
 - V. lucerne witches' broom
 - Klostermeyer, E. C. and J. D. Menzies, 1951
 - V. pea enation mosaic
 - Hagedorn, D. J., 1957
 - V. pea mosaic
 - Chaudhuri, R. P., 1950
 - V. subterranean clover, aphid-transmitted *
 - Grylls, N. E. and F. C. Butler, 1956
- TRIGONELLA* L. 1737 (Leguminosae)
- T. caerulea*, Ser. in DC.
- V. clover big vein
 - Black, L. M., 1951
- T. foenum-graecum*, L.
- V. bean yellow mosaic
 - Hagedorn, D. J., 1948, 1952
 - Hagedorn, D. J. and J. C. Walker, 1950, 1954
 - V. cucumber mosaic
 - Hagedorn, D. J., 1952
 - V. pea enation mosaic
 - Hagedorn, D. J., 1952
 - V. pea mosaic
 - Hagedorn, D. J., 1948
 - V. red clover vein mosaic
 - Hagedorn, D. J., 1952
 - Hagedorn, D. J. and J. C. Walker, 1949, 1954
 - V. subterranean clover mosaic
 - Aitken, Y. and B. J. Grieve, 1943
 - V. tobacco ring spot
 - Grogan, R. G. and W. C. Schnathorst, 1955
 - V. Wisconsin pea streak
 - Hagedorn, D. J., 1952
 - Hagedorn, D. J. and J. C. Walker, 1949, 1954
- T. ornithopodioides*, DC.
- V. subterranean clover mosaic
 - Aitken, Y. and B. J. Grieve, 1943
- T. spp.*
- V. tobacco streak
 - Fulton, Robert W., 1948
- TRIPSACUM* L. 1759 (Gramineae)
- T. laxum*, Nash
- V. sugarcane mosaic
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- TRITICUM* L. 1735 (Gramineae)
- T. aegilopoides*, (Link) Bal. *
- V. wheat streak mosaic
 - McKinney, H. H. and W. J. Sando, 1951
- T. aestivum*, L.
- V. barley stripe mosaic
 - Fitzgerald, Paul J., Harland Stevens and R. G. Timian, 1957
 - Lal, S. B. and W. H. Sill, Jr., 1957
 - McKinney, H. H., 1951, 1953, 1956
 - McNeal, F. H. and M. M. Afanasiev, 1955, 1956
 - Sill, W. H., Jr. and E. D. Hansing, 1955
 - V. barley yellow dwarf
 - Allen, Thomas C., Jr., 1957
 - Allen, Thomas C., Jr. and Byron R. Houston, 1956
 - Bruehl, G. W. and H. Toko, 1955, 1957
 - Oswald, John W. and Byron R. Houston, 1951, 1952, 1953
 - Takeshita, R. M., 1956
 - Toko, H. V. and G. W. Bruehl, 1957
 - V. beet ring spot *
 - Harrison, B. D., 1957
 - V. brome mosaic
 - Lal, S. B. and W. H. Sill, Jr., 1957
 - McKinney, H. H., 1944, 1953, 1956
 - McKinney, H. H., H. Fellows and C. O. Johnston, 1942
 - V. (cereal) California mosaic disease *
 - Houston, Byron R. and John W. Oswald, 1952
 - V. (cereal) enanismo disease *
 - Gibler, John W., 1957
 - V. corn new mosaic *
 - Finley, A. M., 1954
 - V. cucumber mosaic
 - Wellman, F. L., 1934, 1935
 - V. maize streak
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - V. oat pseudo-rosette
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - V. rice dwarf
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - V. ryegrass mosaic *
 - Bruehl, G. W., H. Toko and H. H. McKinney, 1957
 - V. soil-borne oat mosaic
 - McKinney, H. H., 1946
 - V. soil-borne wheat mosaic
 - Bever, Wayne M. and J. W. Pendleton, 1954
 - Koehler, Benjamin, W. M. Bever and O. T. Bonnett, 1952
 - McKinney, H. H., 1925, 1947, 1948

- Triticum aestivum*, L. (cont.)
 V. soil-borne wheat mosaic
 Moseman, J. G., H. H. McKinney and C. W. Roane, 1954
 Roane, C. W., T. M. Starling and H. H. McKinney, 1954
 Wadsworth, D. F. and H. C. Young, Jr., 1953
- V. tobacco necrosis
 Price, W. C., 1940
- V. wheat spot mosaic *
 Slykhuis, John T., 1956
- V. wheat streak mosaic
 Andrews, J. E. and J. T. Slykhuis, 1956
 Atkinson, R. E., 1949
 Bellingham, Roscoe C., Hurley Fellows and Webster H. Sill, Jr., 1957
 Fellows, Hurley and John W. Schmidt, 1953
 Fellows, H., W. H. Sill, Jr. and H. H. McKinney, 1952
 Finley, A. M., 1957
 Lal, S. B. and W. H. Sill, Jr., 1957
 Lal, S. B., W. H. Sill, Jr., Maria S. Del Rosario and J. M. Kainski, 1957
 McKinney, H. H., 1949, 1956
 McKinney, H. H. and W. J. Sando, 1951
 Meiners, Jack P. and H. H. McKinney, 1954
 Sill, W. H., Jr., 1952, 1953
 Sill, W. H., Jr. and H. Fellows, 1953
 Slykhuis, J. T., 1953, 1954, 1955
- V. wheat striate mosaic
 Slykhuis, John T. and Marion A. Watson, 1958
- V. winter wheat mosaic
 Webb, Robert W., 1927, 1928
- T. compactum, Host
 V. soil-borne wheat mosaic
 McKinney, H. H., 1930
- T. dicoccoides, Koern.
 V. wheat streak mosaic
 McKinney, H. H. and W. J. Sando, 1951
- T. dicoccoides var. strausianum, Schulz *
 V. wheat streak mosaic
 McKinney, H. H. and W. J. Sando, 1951
- T. dicoccum, Schrank
 V. soil-borne wheat mosaic
 McKinney, H. H., 1930
 V. wheat spot mosaic *
 Slykhuis, John T., 1956
- V. wheat streak mosaic
 McKinney, H. H., 1949
 McKinney, H. H. and W. J. Sando, 1951
 Slykhuis, John T., 1955,
 V. wheat striate mosaic
 Slykhuis, J. T., 1953
- T. durum, Desf.
 V. agropyron mosaic
 Slykhuis, J. T., 1952
 V. barley stripe mosaic
 Slykhuis, J. T., 1952
- V. soil-borne wheat mosaic
 McKinney, H. H., 1930
 V. wheat spot mosaic *
 Slykhuis, John T., 1956
- V. wheat streak mosaic
 McKinney, H. H. and W. J. Sando, 1951
 Slykhuis, John T., 1955
 V. wheat striate mosaic
 Slykhuis, J. T., 1953
- T. monococcum, L.
 V. soil-borne wheat mosaic
 McKinney, H. H., 1930
 V. wheat streak mosaic
 McKinney, H. H. and W. J. Sando, 1951
- T. monococcum var. flavescent, Koern. *
 V. wheat streak mosaic
 McKinney, H. H. and W. J. Sando, 1951
- T. monococcum var. laetissimum, Koern. *
 V. wheat streak mosaic
 McKinney, H. H. and W. J. Sando, 1951
- T. orientale, Bieb.
 V. wheat streak mosaic
 McKinney, H. H. and W. J. Sando, 1951
- T. persicum var. stramineum, Zhukov. *
 V. wheat streak mosaic
 McKinney, H. H. and W. J. Sando, 1951
- T. polonicum, L.
 V. soil-borne wheat mosaic
 McKinney, H. H., 1930
 V. wheat streak mosaic
 McKinney, H. H., 1949
 McKinney, H. H. and W. J. Sando, 1951
- T. spelta, L.
 V. soil-borne wheat mosaic
 McKinney, H. H., 1930, 1953
 Wadsworth, D. F. and H. C. Young, Jr., 1953
- V. wheat streak mosaic
 McKinney, H. H., 1949
 McKinney, H. H. and W. J. Sando, 1951
- T. sphaeroecoccum, Perciv.
 V. wheat streak mosaic
 McKinney, H. H. and W. J. Sando, 1951
- T. timopheevi, Zhuk.
 V. wheat spot mosaic *
 Slykhuis, John T., 1956
- V. wheat streak mosaic
 McKinney, H. H. and W. J. Sando, 1951
 Slykhuis, John T., 1955
- T. turgidum, L.
 V. soil-borne wheat mosaic
 McKinney, H. H., 1930
 V. wheat streak mosaic
 McKinney, H. H., 1949
 McKinney, H. H. and W. J. Sando, 1951
- T. vulgare, Vill.
 V. agropyron mosaic
 Slykhuis, J. T., 1952
- V. barley stripe mosaic
 Slykhuis, J. T., 1952
- V. soil-borne wheat mosaic
 McKinney, H. H., 1930
- V. wheat streak mosaic
 Slykhuis, J. T., 1952
- V. wheat striate mosaic
 Slykhuis, J. T., 1952, 1953
- TRITONIA Ker-Gawl. 1802 (Iridaceae)
- T. crocata, Ker-Gawl.
 V. babiana mosaic
 Smith, Floyd F. and Philip Brierley, 1944
- V. ixia mosaic
 Smith, Floyd F. and Philip Brierley, 1944
- V. sparaxis mosaic
 Smith, Floyd F. and Philip Brierley, 1944
- V. streptanthera mosaic
 Smith, Floyd F. and Philip Brierley, 1944
- V. tigridia mosaic
 Smith, Floyd F. and Philip Brierley, 1944
- V. watsonia mosaic *
 Smith, Floyd F. and Philip Brierley, 1944
- TROPAEOLUM L. 1737 (Tropaeolaceae)
- T. majus, L.
 V. aster yellows
 Severin, Henry H. P. and Julius H. Freitag, 1945
- V. beet curly top
 Severin, Henry H. P. and Julius H. Freitag, 1934
- V. cabbage black ring spot
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- V. cucumber mosaic
 Govier, D. A., 1957
 Wellman, F. L., 1935
- V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tobacco ring spot
 Anderson, C. W., 1954
 Price, W. C., 1940
- V. tobacco ring spot no. 2
 Brierley, Philip, 1954
- V. tobacco streak
 Fulton, Robert W., 1948
- V. tomato aspermy
 Hollings, M., 1955
- V. tomato black ring
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- V. tomato spotted wilt
 Black, L. M., M. K. Brakke and A. E. Vatter, 1952
 Gardner, M. W. and O. C. Whipple, 1934

- Tropaeolum majus*, L. (cont.)
 V. tomato spotted wilt
 Milbrath, J.A., 1939
 Whipple, O.C., 1936
 V. tropaeolum mosaic
 Jensen, D.D., 1950
 Silberschmidt, Karl, 1953
 V. tropaeolum ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- T. peregrinum*, L.
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. tobacco ring spot
 Price, W.C., 1940
- TULIPA* L. 1735 (Liliaceae)
T. clusiana, DC.
 V. tulip breaking
 Cayley, Dorothy M., 1932
- T. eichleri*, Regel
 V. tulip breaking
 Cayley, Dorothy M., 1932
- T. gesneriana*, L.
 V. cucumber mosaic
 Ainsworth, G.C., 1938
 Brierley, Philip, 1941
 Brierley, Philip and S.P. Doolittle, 1940
 Brierley, Philip and Floyd F. Smith, 1944
 Porter, Clark A., 1954
 Smith, Floyd F. and Philip Brierley, 1944
 V. lily symptomless
 Brierley, Philip, 1940, 1941
 V. tobacco necrosis
 Fulton, Robert W., 1950
 Kassanis, B., 1949, 1954
 V. tulip breaking
 Brierley, Philip, 1939, 1941
 Brierley, Philip and S.P. Doolittle, 1940
 Brierley, Philip and M.B. McKay, 1938
 Brierley, Philip and Floyd F. Smith, 1944
 Cayley, D.M., 1928, 1932
 Hughes, A.W. McKenny, 1930, 1931, 1934
 McWhorter, F.P., 1935, 1938
- T. gesneriana* var. *spathulata*, Hort.
 V. tulip breaking
 Cayley, Dorothy M., 1932
- T. greigii*, Regel
 V. tulip breaking
 Cayley, Dorothy M., 1932
- T. linifolia*, Regel
 V. tulip breaking
 Cayley, Dorothy M., 1932
- T. spp.*
 V. tobacco mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. tulip white streak
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- TUNICA* Hall. 1742 (Caryophyllaceae)
- T. saxifraga*, Scop.
 V. carnation mosaic
 Brierley, Philip and Floyd F. Smith, 1957
- V. carnation ring spot*
 Brierley, Philip and Floyd F. Smith, 1957
- TUSSILAGO* ((Tourn.)) L. 1735 (Compositae)
- T. farfara*, L.
 V. beet ring spot *
 Harrison, B.D., 1957
- ULMUS* ((Tourn.)) L. 1735 (Ulmaceae)
- U. americana*, L.
 V. carnation ring spot
 Brierley, Philip and Floyd F. Smith, 1957
- V. elm mosaic
 Bretz, T.W., 1950
 Callahan, Kemper L., 1957
 Moore, J. Duain and E.H. Varney, 1954
 Swingle, R.U., P.E. Tilford and Charles F. Irish, 1941, 1943
 Varney, E.H. and J. Duain Moore, 1952
- V. elm phloem necrosis
 McLean, D.M., 1944
 Swingle, Roger U., 1938, 1940
- U. *americana*, L. (cont.)
 V. elm phloem necrosis
 Swingle, Roger U., B.S. Meyer and Curtis May, 1945
- V. elm zonate canker
 Swingle, Roger U. and T.W. Bretz, 1950
- V. tobacco ring spot
 Wilkinson, R.E., 1952
- V. tomato ring spot
 Varney, E.H. and J. Duain Moore, 1952
- U. *fulva*, Michx. x *U. pumila*, L.
 V. elm phloem necrosis
 Swingle, Roger U., B.S. Meyer and Curtis May, 1945
- URENA* Dill. ex L. 1735 (Malvaceae)
- U. *lobata*, L.
 V. cotton leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- UROCHLOA* Beauv. 1812 (Gramineae)
- U. *panicoidea*, Beauv.
 V. maize streak
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- URTICA* ((Tourn.)) L. 1735 (Urticaceae)
- U. *californica*, Greene
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- U. *dioica*, L.
 V. tomato spotted wilt
 Gardner, M.W. and O.C. Whipple, 1934
- U. *gracilis*, Ait., var. *holosericea*, Jepson
 V. lucerne dwarf
 Freitag, J.H., 1951
- U. *urens*, L.
 V. beet curly top
 Carsner, E., 1919
 Severin, Henry H.P., 1934
- V. beet ring spot *
 Harrison, B.D., 1957
- V. datura rugose leaf curl
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- VACCINIUM* L. 1735 (Ericaceae)
- V. *angustifolium*, Ait.
 V. *vaccinium* mosaic *
 Varney, E.H., 1957
- V. *vaccinium* ring spot
 Hilborn, M.T. and Reiner Bonde, 1956
- V. *vaccinium* shoestring *
 Varney, E.H., 1957
- V. *vaccinium* stunt
 Demaree, J.B., 1946
- V. *atrococcum*, Heller
 V. *vaccinium* stunt
 Hutchinson, M.T., A.C. Goheen and E.H. Varney, 1955
- V. *australe*, Small
 V. *vaccinium* stunt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. *corymbosum*, L.
 V. *vaccinium* ring spot
 Hutchinson, M.T. and E.H. Varney, 1954
- V. *vaccinium* stunt
 Hutchinson, M.T., A.C. Goheen and E.H. Varney, 1955
- V. *macrocarpon*, Ait. (*Oxycoccus macrocarpon*, (Ait.) Pers.)
 V. *vaccinium* false blossom
 Bergman, H.F. and W.E. Truran, 1933
- Kunkel, L.O., 1943, 1945
 Stevens, Neil E., 1944
 Wilcox, R.B., 1951
 Wilcox, R.B. and C.S. Beckwith, 1933
- V. *stamineum*, L.
 V. *vaccinium* stunt
 Hutchinson, M.T., A.C. Goheen and E.H. Varney, 1955
- V. *vacillans*, Torr.
 V. *vaccinium* stunt
 Hutchinson, M.T., A.C. Goheen and E.H. Varney, 1955

- VALERIANA** Tourn. ex L. 1735 (Valerianaceae)
V. officinalis, L.
 V. cucumber mosaic
 Faan, Hwei Chung and James Johnson, 1951
- VALERIANELLA** Tourn. ex Hall. 1742 (Valerianaceae)
V. olitoria, (L.) Poll
 V. beet curly top
 Severin, Henry H.P., 1929
- VANDA** Jones 1795 (Orchidaceae)
*V. boschii**
 V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
- V. cooperii**
 V. orchid (vanda) mosaic
 Murahishi, Harry H., 1952
- V. spp.*
 V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
 Murakishi, H. and M. Ishii, 1954
- VENIDIUM** Less. 1831 (Compositae)
V. fastuosum, Stapf
 V. chrysanthemum stunt
 Brierley, Philip, 1953
- V. clover big vein
 Black, L.M., 1945
- V. tobacco streak
 Fulton, Robert W., 1948
- VERBASCUM** Tourn. ex L. 1737 (Scrophulariaceae)
V. phoeniceum, L.
 V. cucumber mosaic
 Price, W.C., 1940
- V. lucerne mosaic
 Price, W.C., 1940
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tobacco necrosis
 Price, W.C., 1940
- V. tobacco ring spot
 Price, W.C., 1940
- V. tobacco ring spot no. 2
 Price, W.C., 1940
- V. thapsus*, L.
 V. prunus B*
 Fulton, Robert W., 1957
- V. prunus G*
 Fulton, Robert W., 1957
- V. tobacco mosaic
 Grant, T.J., 1934
- V. tobacco streak
 Fulton, Robert W., 1948
- VERBENA** L. 1737 (Verbenaceae)
V. canadensis, (L.) Britton
 V. tobacco mosaic
 Holmes, Francis O., 1946
- V. hybrida*, Voss
 V. anemone mosaic *
 Hollings, M., 1957
- V. beet mosaic
 Pound, Glenn S., 1947
- V. cabbage black ring spot
 Hamlyn, Brenda M.G., 1953
- Hollings, M., 1957
- Tompkins, C.M., M.W. Gardner and H. Rex
 Thomas, 1938
- V. clover big vein
 Black, L.M., 1945
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tomato spotted wilt
 Gardner, M.W., C.M. Tompkins and O.C.
 Whipple, 1935
- V. turnip mosaic
 Tompkins, C.M., 1938
- Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945

- V. urticifolia, L.
 V. tobacco mosaic
 Holmes, Francis O., 1938
- V. venosa, Gill. & Hook.
 V. tobacco ring spot
 Price, W.C., 1940
- V. tobacco ring spot no. 2
 Price, W.C., 1940
- VERBESINA** L. 1735 (Compositae)
V. alternifolia, Britton ex Kearney
 V. tobacco ring spot
 Fenne, S.B., 1931
- Henderson, R.G. and S.A. Wingard, 1931
- V. enceloides*, (Cav.) Benth. & Hook.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
- V. cucumber mosaic
 Brierley, Philip, 1951
- V. dahlia mosaic
 Brierley, Philip, 1951
- Brierley, Philip and Floyd F. Smith, 1950
- V. tobacco ring spot no. 2
 Brierley, Philip, 1954
- V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P.
 Doolittle, 1955
- VERNONIA** Schreb. 1791 (Compositae)
V. cinerea, Less.
 V. tobacco leaf curl
 Pruthi, Hem Singh and C.K. Samuel, 1941
- VERONICA** ((Tourn.)) L. 1735 (Scrophulariaceae)
V. agrestis, L.
 V. potato X
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. americana*, (Raf.) Schwein.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- V. buxbaumii*, Ten.
 V. aster yellows
 Frazier, Norman W. and Henry H.P. Severin, 1945
- V. longifolia*, L.
 V. cucumber mosaic
 Price, W.C., 1940
- V. lucerne mosaic
 Price, W.C., 1940
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tobacco necrosis
 Price, W.C., 1940
- V. tobacco ring spot
 Price, W.C., 1940
- V. tobacco ring spot no. 2
 Price, W.C., 1940
- V. officinalis*, L.
 V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- V. peregrina*, L.
 V. aster yellows
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- V. vaccinium false blossom
 Kunkel, L.O., 1945
- V. persica*, Poir.
 V. beet ring spot *
 Harrison, B.D., 1957
- V. raspberry Scottish leaf curl
 Harrison, B.D., 1958
- V. spp.*
 V. lucerne dwarf
 Freitag, J.H., 1951
- VICIA** Tourn. ex L. 1735 (Leguminosae)
V. americana, Muhl.
 V. bean yellow mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
- V. lucerne mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
- V. red clover mosaic *
 Zaumeyer, W.J. and B.L. Wade, 1935

- Vicia atropurpurea, Desf.
 V. bean yellow mosaic
 Grogan, Raymond G. and J.C. Walker, 1948
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
- V. beet curly top
 Severin, Henry H.P. and Charles F. Henderson, 1928
- V. red clover vein mosaic
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
- V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
- V. dasycarpa, Ten.
 V. pea enation mosaic
 Hagedorn, D.J., 1957
- V. faba, L.
 V. alsike clover mosaic
 Wade, B.L. and W.J. Zaumeyer, 1938
 Zaumeyer, W.J., 1940
 Zaumeyer, W.J. and B.L. Wade, 1936
- V. anemone mosaic *
 Hollings, M., 1957
- V. apple mosaic
 Yarwood, C.E., 1955
 Yarwood, C.E. and H.E. Thomas, 1954
- V. bean common mosaic
 Nelson, Ray, 1932
 Reddick, D. and V.B. Stewart, 1919
- V. bean yellow mosaic
 Afanasiev, M.M. and H.E. Morris, 1952
 Ainsworth, G.C., 1940
 Baggett, James R., 1957
 Brierley, Philip and Floyd F. Smith, 1948
 Conover, Robert A., 1948
 Elliott, J.A., 1921
 Grogan, Raymond G. and J.C. Walker, 1948
 Houston, Byron R. and John W. Oswald, 1953
 McWhorter, Frank P., 1949
 McWhorter, Frank P. and John R. Hardison, 1949
 Osborn, H.T., 1938
 Thomas, H. Rex and W.J. Zaumeyer, 1953
 Zaumeyer, W.J., 1940, 1952
 Zaumeyer, W.J. and H.H. Fisher, 1953
 Zaumeyer, W.J. and B.L. Wade, 1935, 1936
- V. beet curly top
 Severin, Henry H.P. and Charles F. Henderson, 1928
- V. broad bean mottle
 Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
 Yu, T.F., 1939
- V. cabbage black ring spot
 Hollings, M., 1957
- V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
- V. cowpea mosaic
 Anderson, C.W., 1955
- V. crotalaria mosaic
 Johnson, H.W. and C.L. Lefebvre, 1938
- V. cucumber mosaic
 Anderson, C.W., 1955
 Costa, A.S., 1944
 Doolittle, S.P. and W.J. Zaumeyer, 1953
 Hagedorn, D.J., 1950
 Harter, L.L., 1938
 Milbrath, J.A. and Roy A. Young, 1956
 Porter, Clark A., 1954
 Wellman, F.L., 1934, 1935
 Whipple, O.C. and J.C. Walker, 1941
- V. gladiolus *
 Snow, Gordon F., 1955
- V. lucerne mosaic
 Berkeley, G.H., 1947
 Black, L.M. and W.C. Price, 1940
 Houston, Byron R. and John W. Oswald, 1953
 Richardson, D.E. and T.W. Tinsley, 1956
 Snyder, William C. and Saul Rich, 1942
 Swenson, K.G., 1952
 Thomas, H. Rex, 1951
 Zaumeyer, W.J., 1938, 1953
 Zaumeyer, W.J. and B.L. Wade, 1935
- V. pea die back *
 Zaumeyer, W.J., 1939
- V. pea enation mosaic
 Ainsworth, G.C., 1940
- V. faba, L. (cont.)
- V. pea enation mosaic
 McEwen, F.L. and W.T. Schroeder, 1956
 Osborn, H.T., 1934, 1935, 1938
 Stubbs, M.W., 1936
- V. pea leaf roll
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. pea mosaic
 Ainsworth, G.C., 1940
 Chaudhuri, R.P., 1950
 Hagedorn, D.J., 1948
 Johnson, F. and L.K. Jones, 1936
 Osborn, H.T., 1937
 Stubbs, M.W., 1936
- V. pea mottle
 Johnson, Folke, 1942
 Johnson, F. and L.K. Jones, 1936, 1937
- V. pea stem streak *
 Zaumeyer, W.J., 1939
- V. pea streak
 Zaumeyer, W.J., 1938
- V. pea wilt
 Johnson, Folke, 1942
- V. pea yellow mosaic *
 Ainsworth, G.C., 1940
- V. potato yellow dwarf
 Black, L.M., 1938
 Hougas, R.W., 1951
- V. red clover mosaic *
 Elliott, J.A., 1921
 Zaumeyer, W.J. and B.L. Wade, 1935, 1936
- V. red clover vein mosaic
 Hagedorn, D.J. and E.W. Hanson, 1951
 Osborn, H.T., 1937
 Roberts, D.A., 1957
- V. rhubarb ring spot *
 Vaughan, Edward K. and John W. Yale, Jr., 1953
 Yale, John W., Jr. and Edward K. Vaughan, 1954
- V. tobacco ring spot
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Pound, Glenn S., 1949
- V. tobacco streak
 Fulton, Robert W., 1948
 Thomas, H. Rex and W.J. Zaumeyer, 1950
- V. tomato spotted wilt
 Gardner, M.W. and O.C. Whipple, 1934
 Sakimura, K., 1940
 Yu, T.F., 1947
- V. tropaeolum ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. faba var. major *
- V. bean yellow mosaic
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
- V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- V. subterranean clover mosaic
 Aitken, Y. and B.J. Grieve, 1943
- V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1954
- V. faba var. minor *
- V. bean common mosaic
 Pierce, W.H., 1934
- V. bean yellow mosaic
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
 Pierce, W.H., 1934, 1935
- V. cucumber mosaic
 Hagedorn, D.J. and J.C. Walker, 1954
- V. lucerne mosaic
 Pierce, W.H., 1934
 Zaumeyer, W.J., 1938
- V. pea enation mosaic
 Hagedorn, D.J. and J.C. Walker, 1954
 Pierce, W.H., 1935
 Stubbs, M.W., 1937
- V. pea mosaic
 Hagedorn, D.J. and J.C. Walker, 1954
 Murphy, D.M. and W.H. Pierce, 1937
 Pierce, W.H., 1935
 Stubbs, M.W., 1937
- V. pea streak
 Zaumeyer, W.J., 1938
- V. pea wilt
 Pierce, W.H., 1935

- Vicia faba* var. *minor* * (cont.)
 V. red clover vein mosaic
 Hagedorn, D.J. and J.C. Walker, 1954
V. subterranean clover mosaic
 Aitkey, Y. and B.J. Grieve, 1943
V. tobacco ring spot
 Pierce, W.H., 1934
 Stubbs, M.W., 1937
V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1954
 Skotland, C.B. and D.J. Hagedorn, 1954
V. grandiflora, Scop.
 V. bean yellow mosaic
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
 V. red clover vein mosaic
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
V. lathyroides, L.
 V. bean common mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. bean yellow mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
V. monantha, Retz.
 V. bean yellow mosaic
 Grogan, Raymond G. and J.C. Walker, 1948
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
V. lucerne dwarf
 Freitag, J.H., 1951
 V. red clover vein mosaic
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
V. pannonica, Crantz
 V. pea enation mosaic
 Hagedorn, D.J., 1957
V. sativa, L.
 V. bean common mosaic
 Pierce, W.H., 1934
 V. bean yellow mosaic
 Grogan, Raymond G. and J.C. Walker, 1948
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
 Pierce, W.H., 1934
V. beet curly top
 Severin, Henry H.P. and Charles F. Henderson, 1928
V. broad bean mottle
 Yu, T.F., 1939
V. lucerne mosaic
 Pierce, W.H., 1934
 Zaumeyer, W.J., 1938
V. pea enation mosaic
 McEwen, F.L. and W.T. Schroeder, 1956
V. pea mosaic
 Chaudhuri, R.P., 1950
 Murphy, D.M. and W.H. Pierce, 1937
V. pea mottle
 Johnson, Folke, 1942
 Johnson, F. and L.K. Jones, 1936, 1937
V. pea streak
 Zaumeyer, W.J., 1938
V. pea wilt
 Johnson, Folke, 1942
V. red clover vein mosaic
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
V. tobacco ring spot
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 LeBeau, F.J., 1947
 Pierce, W.H., 1934
V. tobacco streak
 Thomas, H. Rex and W.J. Zaumeyer, 1950
V. tetrasperma, Moench
V. broad bean mottle
 Yu, T.F., 1939
V. villosa, Roth
 V. bean yellow mosaic
 Grogan, Raymond G. and J.C. Walker, 1948
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
 Hungerford, C.W. and Irvin G. Hillyer, 1954
V. beet curly top
 Severin, Henry H.P. and Charles F. Henderson, 1928
V. broad bean mottle
 Yu, T.F., 1939
 V. villosa, Roth
 V. lucerne mosaic
 Zaumeyer, W.J., 1938
V. pea enation mosaic
 McEwen, F.L. and W.T. Schroeder, 1956
V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
VIGNA Savi 1826? (Leguminosae)
V. cylindrica, (L.) Skeels (*V. catjang*, Walp.)
 V. cowpea mosaic
 Kapoor, S.P. and P.M. Varma, 1956
 Vasudeva, R. Sahai, 1942
V. tobacco ring spot
 Cooper, W.E., 1949
V. chinensis, Endl. *
 V. potato Y
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
V. reticulata, Hook. f.
 V. groundnut rosette
 Evans, A.C., 1954
V. sesquipedalis, (L.) Fruwirth
 V. bean common mosaic
 Nelson, Ray, 1932
 Snyder, W.C., 1942
 V. bean yellow mosaic
 Thomas, H. Rex and W.J. Zaumeyer, 1953
 Zaumeyer, W.J. and H.H. Fisher, 1953
V. cowpea mosaic
 Kapoor, S.P. and P.M. Varma, 1956
V. cucumber mosaic
 Doolittle, S.P. and W.J. Zaumeyer, 1953
V. lucerne mosaic
 Pierce, W.H., 1934
 Snyder, William C. and Saul Rich, 1942
 Zaumeyer, W.J., 1938
V. tobacco ring spot
 Cooper, W.E., 1949
 Pierce, W.H., 1934
V. tobacco streak
 Thomas, H. Rex and W.J. Zaumeyer, 1950
V. sinensis, (Torner) Savi
 V. apple mosaic
 Yarwood, C.E., 1955
 Yarwood, C.E. and H.E. Thomas, 1954
V. bean common mosaic
 Snyder, W.C., 1942
V. bean yellow mosaic
 Osborn, H.T., 1938
 Zaumeyer, W.J. and H.H. Fisher, 1953
V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
V. beet curly top
 Severin, Henry H.P. and Charles F. Henderson, 1928
V. celery mosaic
 Price, W.C., 1935
V. cowpea mosaic
 Anderson, C.W., 1955, 1957
 Kapoor, S.P. and P.M. Varma, 1956
 Dale, W.T., 1953
 McLean, D.M., 1941
 Yu, T.F., 1946
V. cucumber mosaic
 Anderson, C.W., 1955, 1957
 Anderson, C.W. and M.K. Corbett, 1957
 Bhargava, K.S., 1951
 Bridgmon, G.H. and J.C. Walker, 1952
 Costa, A.S., 1944
 Diachun, Stephen, 1952
 Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
 Fulton, Joseph P., 1950
 Hagedorn, D.J., 1950
 Hagedorn, D.J. and J.C. Walker, 1954
 Harter, L.L., 1938
 Hollings, M., 1955
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Milbrath, J.A. and Roy A. Young, 1956
 Nienow, Inez, 1948
 Price, W.C., 1934, 1935
 Silberschmidt, K., 1955
 Sill, Webster H., Jr., 1951
 Sill, W.H., Jr. and J.C. Walker, 1952
 Sinclair, J.B. and J.C. Walker, 1954, 1955, 1956

- Vigna sinensis, (Torner) Savi (cont.)
 V. cucumber mosaic
 Smith, Kenneth M., 1935
 Whipple, O.C. and J.C. Walker, 1941
 V. elm mosaic
 Varney, E.H. and J. Duain Moore, 1952
 V. kaimi clover disease *
 Murakishi, Harry H., 1952
 V. lucerne mosaic
 Black, L.M. and W.C. Price, 1940
 Kreitlow, K.W. and W.C. Price, 1949
 Milbrath, J.A. and F.P. McWhorter, 1954
 Oswald, John W., 1950
 Snyder, William C. and Saul Rich, 1942
 Thomas, H. Rex, 1951, 1953
 Zaumeyer, W.J., 1938, 1953
 V. pea streak
 Kim, Woon S. and D.J. Hagedorn, 1957
 V. pea wilt
 Johnson, Folke, 1942
 V. peach ring spot
 Milbrath, J.A., 1953
 Thornberry, H.H., 1957
 V. peach yellow bud mosaic
 Karle, Harry P., 1957
 Yarwood, C.E., 1956, 1957
 Yarwood, C.E. and H.E. Thomas, 1954
 V. potato M *
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 V. potato paracrinkle
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 V. potato Y
 Dykstra, T.P., 1939
 Ross, A. Frank, 1948
 V. rose mosaic
 Fulton, Robert W., 1952
 V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
 V. tobacco green ring spot *
 Price, W.C., 1936
 V. tobacco mosaic
 Nagaich, B.B. and H.H. Thornberry, 1957
 V. tobacco necrosis
 Fulton, J.P., 1952
 Fulton, Robert W., 1950, 1952
 Price, W.C., 1938
 Price, W.C. and Ralph W.G. Wyckoff, 1939
 V. tobacco ring spot
 Anderson, C.W., 1954
 Benedict, W.G., 1955
 Berkeley, G.H., 1953
 Bridgmon, G.H. and J.C. Walker, 1952
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 Cooper, W.E., 1949
 Desjardins, P.R., R.L. Latterell and J.E. Mitchell, 1954
 Dunleavy, John M., 1957
 Grogan, R.G., Roy Bardin and W.C. Schnathorst, 1954
 Grogan, R.G. and W.C. Schnathorst, 1955
 Kahn, Robert P., 1956
 Kahn, Robert P. and Frances M. Latterell, 1955
 LeBeau, F.J., 1947
 Pierce, W.H., 1934
 Pound, Glenn S., 1949
 Price, W.C., 1936
 Rosberg, David W., 1953
 Shepherd, Robert J. and F. Ben Struble, 1956
 Starr, Chester K. and W.E. Cooper, 1944
 Steere, Russell L., 1956
 Walters, H.J., 1952
 Wingard, S.A., 1928
 V. tobacco ring spot no. 2
 Hildebrand, E.M., 1942
 Price, W.C., 1936
 V. tobacco streak
 Thomas, H. Rex and W.J. Zaumeyer, 1950
 V. tomato aspermy
 Hollings, M., 1955
 V. tomato bushy stunt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. sinensis, (Torner) Savi (cont.)
 V. tomato bushy stunt
 Smith, Kenneth M., 1935
 V. tomato ring spot
 Kahn, Robert P., 1956
 Kahn, Robert P. and Frances M. Latterell, 1955
 Varney, E.H. and J. Duain Moore, 1952
 V. tomato spotted wilt
 Yu, T.F., 1947
 V. tomato V-52-1
 Miller, Patrick M., 1953
 V. vigna 1 *
 Warid, W.A. and A.G. Plakidas, 1950, 1952
 V. vigna 2 *
 Warid, W.A. and A.G. Plakidas, 1950, 1952
 V. vigna 3 *
 Warid, W.A. and A.G. Plakidas, 1950, 1952
 V. vigna 3a *
 Warid, W.A. and A.G. Plakidas, 1950, 1952
 V. triloba, Walp.
 V. groundnut rosette
 Evans, A.C., 1954
 V. unguiculata, Walp.
 V. cowpea mosaic
 Dale, W.T., 1949
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 V. eggplant mosaic
 Dale, W.T., 1954
 V. groundnut rosette
 Evans, A.C., 1954
 V. vexillata, A. Rich.
 V. cowpea mosaic
 Dale, W.T., 1949
- VINCA L. 1735 (Apocynaceae)
 V. major, L.
 V. lucerne dwarf
 Freitag, J.H., 1951
 V. minor, L.
 V. bayberry yellows
 Raychaudhuri, S.P., 1952
 V. peach western X disease
 Weathers, Lewis G. and George W. Cochran, 1950
 V. peach X disease
 Kunkel, L.O., 1944
 Slack, Derald A., 1952
 V. sweet potato mosaic
 Elmer, O.H., 1957
 V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. rosea, L.
 V. asclepias yellows *
 Kunkel, L.O., 1950
 V. aster yellows
 Brierley, Philip and Floyd F. Smith, 1957
 Fulton, J.P., 1957
 Maramorosch, Karl, 1957
 V. bayberry yellows
 Raychaudhuri, S.P., 1953
 V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 V. cabbage black ring spot
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. clover big vein
 Black, L.M., 1945
 V. cucumber mosaic
 Anderson, C.W. and M.K. Corbett, 1957
 Fulton, Robert W., 1953
 Wellman, F.L., 1935
 V. lilac witches' broom
 Brierley, Philip, 1955
 V. lucerne mosaic
 Kreitlow, K.W. and W.C. Price, 1948, 1949
 Price, W.C., 1940
 V. lucerne witches' broom
 Kunkel, L.O., 1952
 V. peach X disease
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus B *
 Fulton, Robert W., 1957

- Vinca rosea*, L. (cont.)
 V. *prunus* G*
 Fulton, Robert W., 1957
 V. *rose mosaic*
 Fulton, Robert W., 1952
 V. *sandal spike*
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 V. *tobacco necrosis*
 Price, W.C., 1940
 Price, W.C., Frank P. McWhorter and Betty H. Steranka, 1950
 V. *tobacco ring spot*
 Price, W.C., 1940
 V. *tobacco ring spot no. 2*
 Hildebrand, E.M., 1942
 Price, W.C., 1940
 V. *tobacco streak*
 Fulton, Robert W., 1948
 V. *tomato big bud*
 Hill, A.V. and M. Mandryk, 1954
 V. *vaccinium false blossom*
 Kunkel, L.O., 1945
 V. *vaccinium stunt*
 Hutchinson, M.T., A.C. Goheen and E.H. Varney, 1955
 V. *vinca yellows**
 Maramorosch, Karl, 1956
 V. *rosea* var. *alba*, Sweet
 V. *lucerne witches' broom*
 Helms, Katie, 1957
 V. *tomato big bud*
 Helms, Katie, 1957
 V. *rosea* var. *oculata**
 V. *lucerne witches' broom*
 Helms, Katie, 1957
 V. *tomato big bud*
 Helms, Katie, 1957
- VIOLA** Tourn. ex L. 1735 (Violaceae)
V. cornuta, L.
 V. *beet curly top*
 Freitag, Julius H. and Henry H.P. Severin, 1936
 Severin, Henry H.P. and Julius H. Freitag, 1934
 V. *cucumber mosaic*
 Severin, Henry H.P., 1947
 V. *cucumber western mosaic**
 Severin, Henry H.P., 1947
 V. *lucerne mosaic*
 Severin, Henry H.P., 1947
 V. *tobacco necrosis*
 Price, W.C., 1940
 Price, W.C., Frank P. McWhorter and Betty H. Steranka, 1950
 V. *tobacco ring spot*
 Price, W.C., 1940
 V. *tobacco ring spot no. 2*
 Price, W.C., 1940
- V. spp.
 V. *tomato black ring*
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 V. *papilionacea*, Pursh
 V. *tobacco ring spot*
 Wingard, S.A., 1928
- V. *tricolor*, L.
 V. *aster yellows*
 Brierley, Philip and Floyd F. Smith, 1954
 V. *beet curly top*
 Dana, B.F. and F.P. McWhorter, 1935
 V. *tobacco ring spot*
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 McKinney, H.H. and E.E. Clayton, 1944
 Wingard, S.A., 1928
- V. *tricolor* var. *hortensis*, (Murr.) DC.
 V. *beet curly top*
 Severin, Henry H.P. and Julius H. Freitag, 1934
 V. *beet mosaic*
 Pound, Glenn S., 1947
 V. *cucumber mosaic*
 Severin, Henry H.P., 1947
 V. *cucumber western mosaic**
 Severin, Henry H.P., 1947
 V. *lucerne mosaic*
 Severin, Henry H.P., 1947
- VITIS ((Tourn.)) L. 1735 (Vitaceae)
V. californica, Benth.
 V. *lucerne dwarf*
 Freitag, J.H., 1951
 Severin, Henry H.P., 1949
V. rupestris, Scheele
 V. *vine infectious degeneration*
 Hewitt, Wm. B., 1956
V. vinifera, L.
 V. *lucerne dwarf*
 Crall, J.M. and L.H. Stover, 1957
 Frazier, Norman W. and J.H. Freitag, 1946
 Freitag, J.H., 1951
 Freitag, J.H. and Norman W. Frazier, 1954
 Freitag, J.H., N.W. Frazier and R.A. Flock, 1952
 Hewitt, Wm. B., 1939
 Hewitt, Wm. B., N.W. Frazier and Byron R. Houston, 1942
 Hewitt, Wm. B., Byron R. Houston, Norman W. Frazier and J.H. Freitag, 1946
 Houston, Byron R., Katherine Esau and Wm. B. Hewitt, 1946
 Severin, Henry H.P., 1949
 Stoner, Warren N., 1953
 V. *vine infectious degeneration*
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 Hewitt, Wm. B., 1945, 1956
 V. *vine leaf roll*
 Harmon, F.N. and J.H. Weinberger, 1956
 V. *vine yellow mosaic*
 Hewitt, Wm. B. and Charles J. Delp, 1953
 V. (vine) *yellow vein**
 Hewitt, Wm. B., 1956
- WATSONIA** Mill. 1759 (Iridaceae)
W. marginata, Ker-Gawl.
 V. *watsonia mosaic**
 Smith, Floyd F. and Philip Brierley, 1944
- WISTARIA** Nutt. 1818 (Leguminosae)
(WISTERIA) Nutt. 1818
W. floribunda, (hort. var. Koshigaya) (Willd.) DC.
 V. *wisteria mosaic**
 Brierley, Philip and Paul Lorentz, 1957
W. sinensis, (Sims) Sweet
 V. *wisteria mosaic**
 Brierley, Philip and Paul Lorentz, 1957
W. spp.
 V. *wisteria mosaic**
 Brierley, Philip and Paul Lorentz, 1957
- WITHANIA** Pauq. 1824 (Solanaceae)
W. somnifera, Dun.
 V. *vaccinium false blossom*
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- XANTHIUM** ((Tourn.)) L. 1735 (Compositae)
X. canadense, Mill.
 V. *lucerne dwarf*
 Freitag, J.H., 1951
X. spinosum, L.
 V. *beet curly top*
 Severin, Henry H.P., 1934
- ZALUZIANSKYA** F.W. Schmidt 1793 (Scrophulariaceae)
Z. villosa, F.W. Schmidt
 V. *cucumber mosaic*
 Price, W.C., 1940
 V. *lucerne mosaic*
 Price, W.C., 1940
 V. *tobacco etch*
 Holmes, Francis O., 1946
 V. *tobacco mosaic*
 Holmes, Francis O., 1946
 V. *tobacco necrosis*
 Price, W.C., 1940
 V. *tobacco ring spot*
 Price, W.C., 1940
 V. *tobacco ring spot no. 2*
 Price, W.C., 1940

- ZANTEDESCHIA* Spreng. 1826 (Araceae)
- Z. aethiopica*, Spreng.
- V. tomato spotted wilt
 - Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 - Tompkins, C.M. and Henry H.P. Severin, 1950
 - Whipple, O.C., 1936
 - Z. albo-maculata*, Baill.
 - V. tomato spotted wilt
 - Tompkins, C.M. and Henry H.P. Severin, 1950
 - Z. elliottiana*, Engler
 - V. tomato spotted wilt
 - Tompkins, C.M. and Henry H.P. Severin, 1950
 - Z. melanoleuca*, Engler
 - V. tomato spotted wilt
 - Tompkins, C.M. and Henry H.P. Severin, 1950
 - Z. rehmannii*, Engler
 - V. tomato spotted wilt
 - Tompkins, C.M. and Henry H.P. Severin, 1950
- ZEA* L. 1737 (Gramineae)
- Z. mays*, L.
- V. barley stripe mosaic
 - McKinney, H.H., 1951
 - Sill, W.H., Jr., 1956
 - Sill, W.H., Jr. and E.D. Hansing, 1955
 - Slykhuis, J.T., 1952
 - V. barley yellow dwarf
 - Allen, Thomas C., Jr., 1957
 - V. brome mosaic
 - McKinney, H.H., 1944
 - Sill, W.H., Jr., 1956
 - V. canna mosaic
 - Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
 - V. celery mosaic
 - Price, W.C., 1935
 - V. cucumber mosaic
 - Bhargava, K.S., 1951
 - Bridgmon, G.H., 1951
 - Bridgmon, G.H. and J.C. Walker, 1952
 - Celino, M.S. and Aureo L. Martinez, 1955, 1956
 - Celino, M.S. and G.O. Ocfemia, 1941
 - Doolittle, S.P. and W.J. Zaumeyer, 1953
 - Lawas, Orcio M. and William L. Fernandez, 1949
 - McWhorter, F.P. and H.H. Millsap, 1954
 - Price, W.C., 1935
 - Wellman, F.L., 1934, 1935
 - V. filaree red leaf
 - Anderson, Chris W., 1952
 - V. grass natal mosaic *
 - Storey, H.H., 1929
 - V. maize leaf fleck
 - Stoner, Warren N., 1952
 - V. maize mosaic
 - Brandes, E.W., 1920
 - Kunkel, L.O., 1927
 - V. maize streak
 - Finley, A.M., 1954
 - McKinney, H.H., 1929
 - Storey, H.H., 1925, 1928, 1932, 1937
 - Storey, H.H. and A.P.D. McClean, 1930
 - V. maize stunt
 - Hildebrand, E.M., 1949
 - Maramorosch, Karl, 1951, 1955, 1956, 1957
 - Niederhauser, John S. and Javier Cervantes, 1950
 - V. maize wallaby ear
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. oat pseudo-rosette
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. rice and corn leaf-gall *
 - Agati, Julian A. and Carlos Calica, 1949
 - V. sugarcane mosaic
 - Brandes, E.W., 1920
 - Brandes, E.W. and Peter J. Klaphaak, 1923
 - Chona, B.L. and S.A. Rafay, 1950
 - Costa, A.S. and M.P. Penteado, 1951
 - Lawas, Orcio M. and William L. Fernandez, 1949
 - Storey, H.H., 1929
 - Tims, E.C., P.J. Mills and C.W. Edgerton, 1935
 - V. sugarcane streak
 - Storey, H.H. and A.P.D. McClean, 1930
- Z. mays*, L. (cont.)
- V. sunflower mosaic
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - V. tobacco necrosis
 - Fulton, J.P., 1952
 - Fulton, Robert W., 1950
 - V. tobacco ring spot
 - Bridgmon, G.H., 1951
 - Bridgmon, G.H. and J.C. Walker, 1952
 - V. wheat spot mosaic *
 - Slykhuis, John T., 1956
 - V. wheat streak mosaic
 - Finley, A.M., 1957
 - McKinney, H.H., 1949
 - Meiners, Jack P. and H.H. McKinney, 1954
 - Sill, W.H., Jr., 1956
 - Sill, W.H., Jr. and Patrick C. Agusibio, 1955
 - Slykhuis, John T., 1955
 - Z. mays* var. *everta*, (Sturtev.) Bailey
 - V. cucumber mosaic
 - Harter, L.L., 1938
 - Z. mays* var. *rugosa*, Bonaf. *
 - V. cucumber mosaic
 - Fulton, Joseph P., 1950
 - Pound, Glenn S. and J.C. Walker, 1948
 - Z. mays* var. *saccharata*, (Sturtev.) Bailey
 - V. barley stripe mosaic
 - McKinney, H.H., 1951, 1953
 - V. bromo mosaic
 - McKinney, H.H., 1953
 - V. wheat streak mosaic
 - McKinney, H.H., 1949
- ZEBRINA* Schnizl. 1849 (Commelinaceae)
- Z. pendula*, Schnizl.
- V. cucumber mosaic
 - Wellman, F.L., 1935
- ZINNIA* L. 1759 (Compositae)
- Z. elegans*, Jacq.
- V. anemone mosaic *
 - Hollings, M., 1957
 - V. aster yellows
 - George, J.A. and J.K. Richardson, 1957
 - Magie, R.O., Floyd F. Smith and Philip Brierley, 1952
 - Severin, Henry H.P., 1929, 1934
 - Severin, Henry H.P. and Julius H. Freitag, 1934, 1945
 - Smith, Floyd F. and Philip Brierley, 1953
 - V. beet curly top
 - Bennett, C.W., Eubanks Carsner, F.H. Coons and E.W. Brandes, 1946
 - Bennett, C.W. and A.S. Costa, 1949
 - Bennett, C.W. and Aziz Tanrisever, 1957
 - Freitag, Julius H. and Henry H.P. Severin, 1936
 - Severin, Henry H.P., 1934
 - Severin, Henry H.P. and Julius H. Freitag, 1934
 - V. beet mosaic
 - McLean, D.M., 1952
 - Pound, Glenn S., 1947
 - V. cabbage black ring spot
 - Hamlyn, Brenda M.G., 1953
 - Hollings, M., 1957
 - Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - V. cabbage ring necrosis
 - Larson, R.H. and J.C. Walker, 1940, 1941
 - V. celery mosaic
 - Price, W.C., 1935
 - V. chilli veinbanding
 - Simons, John N., 1956
 - V. chrysanthemum stunt
 - Brierley, Philip, 1953
 - V. cotton leaf curl
 - Mathur, R.N., 1933
 - V. cowpea mosaic
 - Anderson, C.W., 1955
 - V. cucumber mosaic
 - Ainsworth, G.C., 1938
 - Anderson, C.W., 1951, 1955
 - Berkeley, G.H. and J.H. Tremaine, 1954
 - Bridgmon, G.H. and J.C. Walker, 1952
 - Brierley, Philip, 1951, 1952

- Zinnia elegans*, Jacq. (cont.)
V. cucumber mosaic
 Burnett, G., 1934
 Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
 Fulton, Joseph P., 1950
 Fulton, Robert W., 1941
 Harter, L.L., 1938
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Nienow, Inez, 1948
 Pound, Glenn S. and J.C. Walker, 1948
 Price, W.C., 1935, 1937, 1939, 1941
 Simons, John N., 1957
 Sinclair, J.B. and J.C. Walker, 1956
 Smith, Floyd F. and Philip Brierley, 1944
 Wellman, F.L., 1934, 1935
 Whipple, O.C. and J.C. Walker, 1941
V. cynarae curly dwarf
 Leach, L.D. and J.W. Oswald, 1950
 Morton, Donald J., 1957
V. dahlia mosaic
 Brierley, Philip, 1951
 Brierley, Philip and Floyd F. Smith, 1950
V. hydrangea ring spot
 Brierley, Philip and Floyd F. Smith, 1952
V. lettuce mosaic
 Grogan, R.G., J.E. Welch and Roy Bardin, 1952
V. lucerne mosaic
 Berkeley, G.H., 1947
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Johnson, E.M., 1946
 Kreitlow, K.W. and W.C. Price, 1948, 1949
 Richardson, D.E. and T.W. Tinsley, 1956
 Swenson, K.G., 1952
 Thomas, H. Rex, 1951, 1953
 Zaumeyer, W.J., 1938, 1953
V. orchid (odontoglossum) ring spot
 Jensen, D.D. and A. Herbert Gold, 1952
V. pea streak
 Kim, Woon S. and D.J. Hagedorn, 1957
V. potato Y
 Simons, J.N., Robert A. Conover and James M. Walter, 1956
*V. prunus **
 Varney, E.H. and J. Duain Moore, 1954
*V. prunus B **
 Fulton, Robert W., 1957
*V. prunus G **
 Fulton, Robert W., 1957
V. red currant ring spot
 Klessner, P.J., 1951
*V. rhubarb ring spot **
 Vaughan, Edward K. and John W. Yale, Jr., 1953
 Yale, John W., Jr. and Edward K. Vaughan, 1954
V. sweet potato mosaic
 Elmer, O.H., 1957
V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
V. tobacco etch
 Holmes, Francis O., 1946
 Price, W.C., 1935
V. tobacco leaf curl
 Kerling, L.C.P., 1933
 Pruthi, Hem Singh and C.K. Samuel, 1941
V. tobacco mosaic
 Grant, T.J., 1934
 Holmes, Francis O., 1946
 Price, W.C., 1935
V. tobacco necrosis
 Price, W.C., 1940
V. tobacco ring spot
 Anderson, C.W., 1954
 Bridgmon, G.H. and J.C. Walker, 1952
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 Fulton, Robert W., 1941
 Grogan, R.G. and W.C. Schnathorst, 1955
 Pound, Glenn S., 1949
 Price, W.C., 1935
 Wingard, S.A., 1928
V. tobacco ring spot no. 2
 Brierley, Philip, 1954
 Hildebrand, E.M., 1942
 Price, W.C., 1940
V. tobacco streak
 Fulton, Robert W., 1948
- Z. elegans*, Jacq. (cont.)
V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 Hollings, M., 1955
V. tomato bunchy top
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
V. tomato bushy stunt
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Smith, Kenneth M., 1935
V. tomato spotted wilt
 Gardner, M.W. and O.C. Whipple, 1934
 Milbrath, J.A., 1939
 Smith, Kenneth M., 1932
 Yu, T.F., 1947
V. tropaeolum mosaic
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Silberschmidt, Karl, 1953
V. turnip mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
 Dale, W.T., 1948
 LeBeau, Francis J. and J.C. Walker, 1945
Z. elegans var. *dahliiflora**
V. cucumber mosaic
 Govier, D.A., 1957
Z. haageana, Regel
V. aster yellows
 Severin, Henry H.P., 1934
V. beet curly top
 Freitag, Julius H. and Henry H.P. Severin, 1936
 Severin, Henry H.P., 1934
V. tobacco mosaic
 Holmes, Francis O., 1946
- ZIZYPHUS** Tourn. ex L. 1735 (Rhamnaceae)
Z. oenoplia, Mill.
V. sandal spike
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- ZYGADENUS** Michx. 1803 (Liliaceae)
Z. fremontii, Torr.
V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- ZYGOPETALUM** Hook. 1827 (Orchidaceae)
Z. spp.
V. orchid (cymbidium) mosaic
 Jensen, D.D. and A.H. Gold, 1955

- ABELMOSCHUS** Medic. 1787 (Malvaceae)
 A. esculentus, Moench
 V. abutilon infectious variegation
 Bird, Julio, 1958
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 V. papaw mosaic
 Adsuar, Jose, 1950
 V. tobacco mosaic
 Das, C.R. and S.P. Raychaudhuri, 1953
- ABUTILON** Tourn. ex Adans. 1763 (Malvaceae)
 A. asiaticum, G. Don
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- A. indicum, Sweet
 V. hibiscus yellow vein mosaic
 Capoor, S.P. and P.M. Varma, 1950
- A. theophrasti, Medic.
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- ACALYPHA** L. 1737 (Euphorbiaceae)
 A. virginica, L.
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- ACANTHOSPERMUM** Schrank 1819 (Compositae)
 A. hispidum, DC.
 V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
- ACHILLEA** L. 1735 (Compositae)
 A. filipendulina, Lam.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
- A. millefolium, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cucumber mosaic
 Wellman, F.L., 1935
- ADENOROPIUM** Pohl. 1827 (Euphorbiaceae)
 A. gossypifolium, Pohl.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 V. papaw mosaic
 Adsuar, Jose, 1950
- ADIANTUM** ((Tourn.)) L. 1753 (Polypodiaceae)
 A. capillus-veneris, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
- ADLUMIA** Raf. 1808 (Papaveraceae)
 A. fungosa, Greene
 V. tobacco etch
 Holmes, Francis O., 1946
- AEGLOPSIS** Swingle 1911 (Rutaceae)
 A. chevalieri, Swingle
 V. citrus tristeza
 Knorr, L.C., 1956
- AEGLE** Correa 1800 (Rutaceae)
 A. marmelos, Correa
 V. citrus tristeza
 Knorr, L.C., 1956
- AEGOPodium** Knaut. ex L. 1735 (Umbelliferae)
 A. podagraria, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- AESCRULUS** L. 1740 (Hippocastanaceae)
 A. californica, (Spach) Nutt.
 V. lucerne dwarf
 Freitag, J.H., 1951
- AGAPANTHUS** L'Herit. 1788 (Liliaceae)
 A. africanus, Hoffmagg.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
 V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
 V. ornithogalum mosaic
 Smith, Floyd F. and Philip Brierley, 1944
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- AGERATUM** L. 1737 (Compositae)
 A. conyzoides, L.
 V. anemone brown ring *
 Hollings, M., 1958
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. hibiscus yellow vein mosaic
 Capoor, S.P. and P.M. Varma, 1950
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- A. houstonianum, Mill.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
 V. cucumber mosaic
 Wellman, F.L., 1935
- A. officinalis *
 V. henbane mosaic
 Hamilton, Marion A., 1932
- AGROPYRON** J. Gaertn. 1770 (Gramineae)
 A. amurense, Drobov. *
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 V. wheat streak mosaic
 McKinney, H.H. and W.J. Sando, 1951
- A. ciliare, (Trin.) Franch. *
 V. agropyron mosaic
 Slykhuis, J.T., 1952
 V. barley stripe mosaic
 Slykhuis, J.T., 1952
 V. wheat streak mosaic
 Slykhuis, J.T., 1952
- A. cristatum, (L.) Gaertn.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
 V. barley stripe mosaic
 Slykhuis, J.T., 1952
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 V. wheat streak mosaic
 McKinney, H.H. and W.J. Sando, 1951
 Slykhuis, J.T., 1952, 1955
- A. dasystachyum, (Hook.) Scribn.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
 V. barley stripe mosaic
 Slykhuis, J.T., 1952
 V. wheat streak mosaic
 McKinney, H.H. and W.J. Sando, 1951
 Slykhuis, J.T., 1952
- A. desertorum, (Fisch.) Schult.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
 V. barley stripe mosaic
 Slykhuis, J.T., 1952
 V. wheat streak mosaic
 Slykhuis, J.T., 1952
- A. divaricatum, Boiss. & Bal.
 V. wheat streak mosaic
 McKinney, H.H. and W.J. Sando, 1951
- A. elongatum, (Host) Beauv.
 V. barley stripe mosaic
 Slykhuis, J.T., 1952
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957

- Agropyron elongatum*, (Host) Beauv. (cont.)
V. panicum mosaic * /
 Sill, W. H., Jr. and R. C. Pickett, 1957
V. wheat streak mosaic
 Fellows, Hurley and John W. Schmidt, 1953
 Slykhuis, J. T., 1952, 1955
- A. inerme*, (Scribn. & Sm.) Rydb.
V. barley stripe mosaic
 Slykhuis, J. T., 1952
V. barley yellow dwarf
 Bruehl, G. W. and H. V. Toko, 1957
V. wheat streak mosaic
 Slykhuis, J. T., 1952
- A. intermedium*, (Host) Beauv.
V. barley stripe mosaic
 Slykhuis, J. T., 1952
V. barley yellow dwarf
 Bruehl, G. W. and H. V. Toko, 1957
V. wheat streak mosaic
 Fellows, Hurley and John W. Schmidt, 1953
 Slykhuis, J. T., 1952, 1955
- A. junceum*, (L.) Beauv.
V. barley stripe mosaic
 Slykhuis, J. T., 1952
V. wheat streak mosaic
 Slykhuis, J. T., 1952
- A. pertenue*, (Mey.) Nevski
V. barley stripe mosaic
 Slykhuis, J. T., 1952
V. wheat streak mosaic
 Slykhuis, J. T., 1952
- A. repens*, L.
V. barley stripe mosaic
 Slykhuis, J. T., 1952
V. barley yellow dwarf
 Bruehl, G. W. and H. V. Toko, 1957
V. beet ring spot *
 Harrison, B. D., 1957
V. beet yellows
 Roland, G. and J. Tahon, 1961
V. panicum mosaic *
 Sill, W. H., Jr. and R. C. Pickett, 1957
V. wheat streak mosaic
 McKinney, H. H. and W. J. Sando, 1951
 Slykhuis, J. T., 1952, 1955
- A. rigidum*, Beauv.
V. barley stripe mosaic
 Slykhuis, J. T., 1952
V. wheat streak mosaic
 Slykhuis, J. T., 1952
- A. semicostatum*, Nees, ex Steud.
V. wheat streak mosaic
 McKinney, H. H. and W. J. Sando, 1951
- A. sibiricum*, (Willd.) Beauv.
V. barley yellow dwarf
 Bruehl, G. W. and H. V. Toko, 1957
V. wheat streak mosaic
 McKinney, H. H. and W. J. Sando, 1951
- A. smithii*, Rydb.
V. barley yellow dwarf
 Bruehl, G. W. and H. V. Toko, 1957
V. wheat streak mosaic
 Sill, W. H., Jr. and Patrick C. Agusibio, 1955
 Slykhuis, John T., 1955
- A. spicatum*, (Pursh) Scribn. & Sm.
V. wheat streak mosaic
 McKinney, H. H. and W. J. Sando, 1951
- A. trachycaulum*, (Link) Malte
V. agropyron mosaic
 Slykhuis, J. T., 1952
V. barley stripe mosaic
 Slykhuis, J. T., 1952
V. barley yellow dwarf
 Bruehl, G. W. and H. V. Toko, 1957
V. wheat streak mosaic
 Slykhuis, J. T., 1952, 1955
- A. trichophorum*, C. Richt.
V. agropyron mosaic
 Slykhuis, J. T., 1952
V. barley stripe mosaic
 Slykhuis, J. T., 1952
V. barley yellow dwarf
 Bruehl, G. W. and H. V. Toko, 1957
- A. *trichophorum*, C. Richt. (cont.)
V. wheat streak mosaic
 Slykhuis, J. T., 1952
- AGROSTIS* L. 1735 (Gramineae)
A. alba, L.
V. barley yellow dwarf
 Bruehl, G. W. and H. V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1953
V. wheat streak mosaic
 Slykhuis, John T., 1955
- A. exarata*, Trin.
V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
- A. palustris*, Huds.
V. barley yellow dwarf
 Bruehl, G. W. and H. V. Toko, 1957
V. sugarcane mosaic
 Brandes, E. W. and Peter J. Klaphaak, 1923
- AJUGA* L. 1737 (Labiatae)
A. reptans, L., var. *rubra*, Hort.
V. cabbage black ring spot
 Tompkins, C. M., M. W. Gardner and H. Rex Thomas, 1938
- ALLIUM* ((Tourn.)) L. 1735 (Liliaceae)
A. canadense, L.
V. onion yellow dwarf
 Henderson, W. J., 1935
- A. cepa*, L.
V. beet yellows
 Roland, G. and J. Tahon, 1961
V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
V. maize leaf fleck
 Stoner, Warren N., 1952
V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E. M. Hildebrand, 1947
V. narcissus mosaic
 Haasis, Frank A., 1939
V. nothoscordum mosaic
 McKinney, H. H., 1950
V. ornithogalum mosaic
 Smith, Floyd F. and Philip Brierley, 1944
V. pea mosaic
 Murphy, D. M. and W. H. Pierce, 1937
V. tobacco etch
 Holmes, Francis O., 1946
V. tobacco mosaic
 Holmes, Francis O., 1946
V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
 McWhorter, F. P., 1935
V. wheat streak mosaic
 Sill, W. H., Jr. and Patrick C. Agusibio, 1955
- A. cernuum*, Roth
V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
V. ornithogalum mosaic
 Smith, Floyd F. and Philip Brierley, 1944
V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- A. fistulosum*, L.
V. onion yellow dwarf
 Brierley, Philip and Floyd F. Smith, 1946
V. ornithogalum mosaic
 Smith, Floyd F. and Philip Brierley, 1944
- A. fistulosum* x *A. cepa*, L.
V. onion yellow dwarf
 Brierley, Philip and Floyd F. Smith, 1946
- A. odorum*, L.
V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944

- Allium porrum*, L.
 V. onion yellow dwarf
 Henderson, W.J., 1935
 V. ornithogalum mosaic
 Smith, Floyd F. and Philip Brierley, 1944
- A. sativum*, L.
 V. onion yellow dwarf
 Henderson, W.J., 1935
- A. schoenoprasum*, L.
 V. onion yellow dwarf
 Henderson, W.J., 1935
- A. speciosum*, Cyr.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
- V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
- V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- A. tuberosum*, Roxb.
 V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
- A. vineale*, L.
 V. nothoscordum mosaic
 McKinney, H.H., 1950
- ALOE* Tourn. ex L. 1735 (Liliaceae)
A. spp.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
- V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
- V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- ALONSOA* Ruiz & Pav. 1798 (Scrophulariaceae)
A. warscewiczii, Regel
 V. anemone brown ring *
 Hollings, M., 1958
- V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
- V. pelargonium ring spot *
 Hollings, M., 1957
- ALOPECURUS* L. 1735 (Gramineae)
A. arundinaceus, Poir.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- A. pratensis*, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- Oswald, John W. and Byron R. Houston, 1953
- V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- ALSINE* Scop. 1772 (Caryophyllaceae)
A. media, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
- ALSTONIA* R. Br. 1809 (Apocynaceae)
A. congensis, Engl.
 V. cacao swollen shoot
 Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
- ALTHAEA* ((Tourn.)) L. 1735 (Malvaceae)
A. rosea, (L.) Cav.
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
- V. cucumber mosaic
 Burnett, G., 1934
- V. malva yellow vein mosaic *
 Costa, A.S. and James E. Duffus, 1957
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tobacco ring spot
 Wingard, S.A., 1928
- ALYSSUM* Tourn. ex L. 1735 (Cruciferae)
A. maritimum, Lam.
 V. cauliflower mosaic
 Caldwell, John and Ian W. Prentice, 1942
- Tompkins, C.M., 1937
- V. turnip mosaic
 Tompkins, C.M., 1938, 1939
- Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- A. saxatile*, L.
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
- V. cauliflower mosaic
 Tompkins, C.M., 1937
- V. squash mosaic
 Freitag, J.H., 1956
- V. turnip mosaic
 Tompkins, C.M., 1939
- A. saxatile* var. *compactum*, Hort.
 V. cauliflower mosaic
 Caldwell, John and Ian W. Prentice, 1942
- AMARANTHUS* L. 1735 (Amaranthaceae)
A. caudatus, L.
 V. beet curly top
 Bennett, C.W. and A.S. Costa, 1949
- V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
- V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
- V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
- V. pelargonium ring spot *
 Hollings, M., 1957
- V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
- V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
- A. cruentus*, L.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
- V. papaw mosaic
 Adsuar, Jose, 1950
- A. dubius*, Mart.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
- V. papaw mosaic
 Adsuar, Jose, 1950
- A. graecizans*, L.
 V. dodder latent mosaic
 Bennett, C.W., 1944
- V. lucerne mosaic
 Porter, D.R., 1935
- V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- A. hybridus*, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
- A. retroflexus*, L.
 V. beet curly top
 Bennett, C.W. and A.S. Costa, 1949
- V. cucumber mosaic
 Burnett, G., 1934
- V. dodder latent mosaic
 Bennett, C.W., 1944
- V. onion yellow dwarf
 Henderson, W.J., 1935
- V. squash mosaic
 Freitag, J.H., 1956
- V. tobacco ring spot
 Henderson, R.G. and S.A. Wingard, 1931
- A. spinosus*, L.
 V. chilli veinbanding
 Simons, John N., 1956
- V. cucumber mosaic
 Wellman, F.L., 1935
- A. spp.*
 V. beet curly top
 Bennett, C.W., Eubanks Carsner, F.H. Coons and E.W. Brandes, 1946

- Amaranthus tricolor*, L.
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. tobacco etch
 Holmes, Francis O., 1946
- AMARYLLIS* L. 1735 (Amaryllidaceae)
 (*HIPPEASTRUM*) Herb. 1821
- A. spp.*
 V. narcissus mosaic
 Haasis, Frank A., 1939
 V. sweet potato mosaic
 Borders, H.I. and T.J. Ratcliff, 1954
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
(H. puniceum), Urb.
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
(H. vittatum), Herb.
 V. cucumber mosaic
 Wellman, F.L., 1935
- AMBROSIA* L. 1737 (Compositae)
- A. artemisiifolia*, L.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
 V. cowpea mosaic
 Anderson, C.W., 1955
 V. cucumber mosaic
 Anderson, C.W., 1955
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- A. psilostachya*, DC.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. lucerne mosaic
 Porter, D.R., 1935
- A. trifida*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. tobacco etch
 Holmes, Francis O., 1946
- AMMANNIA* ((Houst.)) L. 1737 (Lythraceae)
- A. coccinea*, Rothb.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- ANAGALLIS* ((Tourn.)) L. 1735 (Primulaceae)
- A. arvensis*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
 V. tobacco etch
 Holmes, Francis O., 1946
- ANANAS* Tourn. ex L. 1735 (Bromeliaceae)
- A. comosus*, (L.) Merr.
 V. potato Y
 Sakimura, K., 1953
A. sativus, Schult. f.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
V. cucumber mosaic
 Wellman, F.L., 1935
- ANCHUSA* L. 1735 (Boraginaceae)
- A. azurea*, Mill.
 V. anemone mosaic *
 Hollings, M., 1957
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. tobacco etch
 Holmes, Francis O., 1946
- A. capensis*, Thunb.
 V. tobacco etch
 Holmes, Francis O., 1946
- A. officinalis*, L.
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. cucumber mosaic
 Wellman, F.L., 1935
- ANDROPOGON* L. 1753 (Gramineae)
- A. elliottii*, Chapm.
 V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
- A. hallii*, Hack.
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- A. ischaemum*, Thunb.
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- A. scoparius*, Michx.
 V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
- A. sibiricus*, Steud.
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- A. virginicus*, L.
 V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
- ANEMONE* L. 1735 (Ranunculaceae)
- A. coronaria*, L.
 V. cabbage black ring spot
 Hollings, M., 1957
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
- ANEMOPSIS* Hook. & Arn. * (Saururaceae)
- A. californica*, Hook.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- ANTHEMIS* Mich. ex L. 1735 (Compositae)
- A. cotula*, L.
 V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- ANTHURIUM* Schott. 1829 (Araceae)
- A. andraeanum*, Lind.
 V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
- ANTIRRHINUM* Tourn. ex L. 1735 (Scrophulariaceae)
- A. majus*, L.
 V. anemone brown ring *
 Hollings, M., 1958
 V. anemone mosaic *
 Hollings, M., 1957
 V. bean yellow mosaic
 Thomas, H. Rex and W.J. Zaumeyer, 1953
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. chrysanthemum ring spot
 Brierley, Philip and Floyd F. Smith, 1955
 V. cucumber mosaic
 Govier, D.A., 1957
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
 V. gladiolus *
 Snow, Gordon F., 1955
 V. hydrangea ring spot
 Brierley, Philip and Floyd F. Smith, 1952
 V. pea wilt
 Johnson, Folke, 1942
 V. pelargonium ring spot *
 Hollings, M., 1957

- Antirrhinum majus*, L. (cont.)
 V. peony leaf curl *
 Brierley, Philip and Paul Lorentz, 1957
V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
V. radish mosaic
 Tompkins, C.M., 1939
V. squash mosaic
 Freitag, J.H., 1956
V. tobacco etch
 Holmes, Francis O., 1946
V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
V. turnip mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
A. spp.
V. tomato spotted wilt
 Smith, Kenneth M., 1931, 1932
- APEIBA Aubl.* 1775 (*Tiliaceae*)
A. tibourbou, Aubl., var. *membranacea*, Lockh. *
V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- APIOS Moench* 1794 (*Leguminosae*)
A. americana, Medic. (*A. tuberosa*, Moench)
V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- APIUM ((Tourn.)) L.* 1735 (*Umbelliferae*)
A. graveolens, L.
V. anemone brown ring *
 Hollings, M., 1958
V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
V. beet yellows
 Roland, G. and J. Tahon, 1961
V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
V. cauliflower mosaic
 Alvarez-Garcia, L.A., 1951
 Tompkins, C.M., 1937
V. chilli (pepper) mosaic
 Dale, W.T., 1954
V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
V. cowpea mosaic
 Anderson, C.W., 1955
V. cucumber mosaic
 Bhargava, K.S., 1951
V. dandelion yellow mosaic
 Kassanis, B., 1947
V. eggplant mosaic
 Dale, W.T., 1954
V. lovage mosaic
 Smith, Kenneth M. and Roy Markham, 1944
V. maize leaf flea
 Stoner, Warren N., 1952
V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
V. orchid (cymbidium) mosaic
 Jensen, D.D., 1951
V. orchid (odontoglossum) ring spot
 Jensen, D.D. and A. Herbert Gold, 1951
V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
V. radish mosaic
 Tompkins, C.M., 1939
V. teasel mosaic
 Stoner, Warren N., 1951
V. tobacco etch
 Anderson, C.W., 1954
 Holmes, Francis O., 1946
V. tobacco mosaic
 Doolittle, S.P. and F.S. Beecher, 1942
V. tobacco streak
 Thomas, H. Rex and W.J. Zaumeyer, 1950
- A. graveolens*, L. (cont.)
V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 Hollings, M., 1955
V. turnip mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
A. graveolens var. *dulce*, DC.
V. anemone mosaic *
 Hollings, M., 1957
V. aster yellows
 Severin, Henry H.P., 1934
V. beet curly top
 Carsner, E., 1919
V. beet mosaic
 Severin, Henry H.P. and Roger M. Drake, 1948
V. chilli veinbanding
 Simons, John N., 1956
V. cucumber mosaic
 Simons, John N., 1957
V. filaree red leaf
 Frazier, Norman W., 1951
V. pea enation mosaic
 Simons, John N., 1954
V. primula mosaic
 Severin, Henry H.P. and C.M. Tompkins, 1950
V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
V. squash mosaic
 Freitag, J.H., 1956
V. squash mosaic (southern)
 Anderson, C.W., 1951
A. graveolus, L.
V. cowpea mosaic
 Yu, T.F., 1946
- AQUILEGIA ((Tourn.)) L.* 1735 (*Ranunculaceae*)
A. caerulea, James
V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
V. tobacco etch
 Holmes, Francis O., 1946
V. tobacco mosaic
 Holmes, Francis O., 1946
A. canadensis, L.
V. tobacco streak
 Thomas, H. Rex and W.J. Zaumeyer, 1950
A. spp.
V. squash mosaic
 Freitag, J.H., 1956
- ARABIS L.* 1737 (*Cruciferae*)
A. albida, Stev.
V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
V. cauliflower mosaic
 Tompkins, C.M., 1937
V. turnip mosaic
 LeBeau, Francis J. and J.C. Walker, 1945
 Tompkins, C.M., 1939
- ARACHIS L.* 1735 (*Leguminosae*)
A. hypogaea, L.
V. bean yellow mosaic
 Grogan, Raymond G. and J.C. Walker, 1948
V. beet curly top
 Bennett, C.W., Eubanks Carsner, F.H. Coons and E.W. Brandes, 1946
V. beet yellows
 Roland, G. and J. Tahon, 1961
V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
V. cowpea mosaic
 Yu, T.F., 1946
V. cucumber mosaic
 Wellman, F.L., 1935
V. pea enation mosaic
 Osborn, H.T., 1938
V. squash mosaic
 Freitag, J.H., 1956
V. tobacco mosaic
 Das, C.R. and S.P. Raychaudhuri, 1953

- Arachis hypogaea*, L. (cont.)
V. tobacco ring spot
 Cooper, W. E., 1949
- ARCTIUM* L. 1735 (Compositae)
A. lappa, L.
V. tobacco etch
 Holmes, Francis O., 1946
V. tobacco ring spot
 Fenne, S. B., 1931
A. minus, Bernh.
*V. stone fruit **
 Boyle, J. S., J. Duain Moore and G. W. Keitt, 1954
V. tobacco mosaic
 Stover, W. G. and M. T. Vermillion, 1933
A. tomentosum, Mill.
V. beet yellows
 Roland, G. and J. Tahon, 1961
- ARCTOTIS* L. 1737 (Compositae)
A. stoechadifolia, Berg., var. *grandis*, (Thunb.) Less.
V. chrysanthemum stunt
 Brierley, Philip, 1953
- ARMERIA* L. 1735 (Plumbaginaceae)
A. formosa, Hort.
V. pea mosaic
 Murphy, D. M. and W. H. Pierce, 1937
- ARRHENATHERUM* Beauv. 1812 (Gramineae)
A. elatius, (L.) Presl.
V. barley yellow dwarf
 Bruehl, G. W. and H. V. Toko, 1957
Oswald, John W. and Byron R. Houston, 1953
V. wheat streak mosaic
 Sill, W. H., Jr. and Patrick C. Agusiobo, 1955
- ARTEMISIA* L. 1735 (Compositae)
A. californica, Less.
V. beet curly top
 Severin, Henry H. P., 1939
A. vulgaris, L.
V. beet yellows
 Roland, G. and J. Tahon, 1961
V. chrysanthemum stunt
 Brierley, Philip, 1953
- ARTOCARPUS* Forst. 1776 (Moraceae)
A. incisa, L. f.
V. cacao swollen shoot
 Posnette, A. F., N. F. Robertson and J. McA. Todd, 1950
- ASCLEPIAS* L. 1737 (Asclepiadaceae)
A. curassavica, L.
V. tobacco etch
 Holmes, Francis O., 1946
A. mexicana, Cav.
V. beet curly top
 Carsner, E., 1919
A. spp.
V. tobacco ring spot
 Fenne, S. P., 1931
A. syriaca, L.
V. onion yellow dwarf
 Henderson, W. J., 1935
*V. prunus B **
 Fulton, Robert W., 1957
*V. prunus E **
 Fulton, Robert W., 1957
*V. stone fruit **
 Boyle, J. S., J. Duain Moore and G. W. Keitt, 1954
V. tobacco etch
 Holmes, Francis O., 1946
V. tobacco mosaic
 Holmes, Francis O., 1946
A. tuberosa, L.
V. squash mosaic
 Freitag, J. H., 1956
V. tomato ring spot
 Samson, R. W. and E. P. Imle, 1942
- ASPARAGUS* Tourn. ex L. 1735 (Liliaceae)
A. asparagooides, (L.) Wight
V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
A. officinalis, L.
V. cucumber mosaic
 Wellman, F. L., 1935
A. plumosus, Baker
V. cucumber mosaic
 Wellman, F. L., 1935
A. sprengeri, Regel
V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- ASPHODELINE* Reichb. 1830 (Liliaceae)
A. lutea, Reichb.
V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- ASTER* Tourn. ex L. 1735 (Compositae)
A. ericoides, L.
V. tobacco mosaic
 Holmes, Francis O., 1938
A. lateriflorus, (L.) Britt.
V. tobacco mosaic
 Holmes, Francis O., 1938
A. multiflorus, Ait.
V. tobacco mosaic
 Holmes, Francis O., 1938
A. novae-angliae, L.
V. cucumber mosaic
 Wellman, F. L., 1935
A. spp.
V. cucumber mosaic
 Burnett, G., 1934
V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E. M. Hildebrand, 1947
*V. panicum mosaic **
 Sill, W. H., Jr. and R. C. Pickett, 1957
V. pea mosaic
 Murphy, D. M. and W. H. Pierce, 1937
- ASTRAGALUS* Tourn. ex L. 1737 (Leguminosae)
A. canadensis, L.
V. lucerne witches' broom
 Klostermeyer, E. C. and J. D. Menzies, 1951
A. cicer, L.
V. lucerne witches' broom
 Klostermeyer, E. C. and J. D. Menzies, 1951
A. rubyi, Greene & Morris
*V. prunus E **
 Fulton, Robert W., 1957
*V. prunus G **
 Fulton, Robert W., 1957
A. spp.
V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E. M. Hildebrand, 1947
- ATALANTIA* Correa 1805 (Rutaceae)
A. ceylanica, Oliver
V. citrus tristeza
 Knorr, L. C., 1956
A. citroides, Pierre
V. citrus tristeza
 Knorr, L. C., 1956
- ATLYSANUS* Greene 1885 (Cruciferae)
A. pusillus, Greene
V. cauliflower mosaic
 Tompkins, C. M., 1937

ATRIPLEX ((Tourn.)) L. 1735 (Chenopodiaceae)

- A. *bracteosa*, S. Wats.
V. squash mosaic
Freitag, J.H., 1956
- A. *expansa*, (D. & H.) S. Wats.
V. squash mosaic
Freitag, J.H., 1956
- A. *lentiformis*, (Torr.) S. Wats.
V. beet yellows
Roland, G. and J. Tahon, 1961
- A. *patula*, L.
V. beet yellow net
Sylvester, Edward S., 1948
- A. *polycarpa*, (Torr.) S. Wats.
V. beet curly top
Carsner, E., 1919
- Severin, Henry H.P. and Charles F. Henderson, 1928
- V. beet yellows
Roland, G. and J. Tahon, 1961

A. *rosea*, L.
V. beet yellow net
Sylvester, Edward S., 1948A. *semibaccata*, R. Br.
V. beet curly top
Bennett, C.W. and A.S. Costa, 1949A. *spinifera*, Macbride
V. beet curly top
Severin, Henry H.P. and Charles F. Henderson, 1928

ATROPA L. 1737 (Solanaceae)

- A. *belladonna*, L.
V. beet mosaic
Pound, Glenn S., 1947
- V. cauliflower mosaic
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. dodder latent mosaic
Bennett, C.W., 1944
- V. henbane mosaic
Hamilton, Marion A., 1932
- V. *nicotiana glutinosa* mosaic *
Allard, H.A., 1916
- V. potato X
Cockerham, George, 1943
- Dennis, R.W.G., 1939
- V. potato Y
Cockerham, Goerge, 1943
- V. tobacco mosaic
Allard, H.A., 1916
- V. turnip mosaic
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

AVENA L. 1735 (Gramineae)

- A. *fatua*, L.
V. *agropyron* mosaic
Slykhuis, J.T., 1952
- V. barley stripe mosaic
Slykhuis, J.T., 1952
- V. wheat spot mosaic *
Slykhuis, John T., 1956
- V. wheat streak mosaic
Slykhuis, J.T., 1952
- A. *sativa*, L.
V. *agropyron* mosaic
Slykhuis, J.T., 1952
- V. barley stripe mosaic
Sill, W.H., Jr. and E.D. Hansing, 1955
- Slykhuis, J.T., 1952
- V. beet yellows
Roland, G. and J. Tahon, 1961
- V. cabbage black ring spot
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
- V. corn new mosaic *
Finley, A.M., 1954
- V. cucumber mosaic
McWhorter, F.P. and H.H. Millsap, 1954
- Wellman, F.L., 1935
- V. maize leaf fleck
Stoner, Warren N., 1952

- A. *sativa*, L. (cont.)
V. *nothoscordum* mosaic
McKinney, H.H., 1950
- V. *panicum* mosaic *
Sill, W.H., Jr. and R.C. Pickett, 1957
- V. soil-borne wheat mosaic
McKinney, H.H., 1930
- V. sugarcane mosaic
Brandes, E.W. and Peter J. Klaphaak, 1923
- V. tobacco etch
Holmes, Francis O., 1946
- V. tobacco mosaic
Holmes, Francis O., 1946
- V. tulip breaking
Brierley, Philip and Floyd F. Smith, 1944
- V. turnip mosaic
Tompkins, C.M. and H. Rex Thomas, 1938
- V. wheat spot mosaic *
Slykhuis, John T., 1956

BAPHIA Afzel. ex Lodd. 1825 (Leguminosae)

- B. *nitida*, Lodd.
V. cacao swollen shoot
Tinsley, T.W. and A.L. Wharton, 1958

BAPTISIA Vent. 1808 (Leguminosae)

- B. *australis*, R. Br.
V. pea mosaic
Murphy, D.M. and W.H. Pierce, 1937

- B. spp.
V. muskmelon mosaic
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

- BARBAREA R. Br. 1812 (Cruciferae)
- B. *vulgaris*, R. Br.
V. cauliflower mosaic
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. muskmelon mosaic
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
- V. pea mottle
Johnson, Folke, 1942
- V. pea wilt
Johnson, Folke, 1942
- V. tobacco etch
Holmes, Francis O., 1946
- V. tobacco mosaic
Holmes, Francis O., 1946
- V. turnip mosaic
Pound, Glenn S., 1948
- Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

BECKMANNIA Host 1805 (Gramineae)

- B. *syzigachne*, (Steud.) Fern.
V. barley yellow dwarf
Bruehl, G.W. and H.V. Toko, 1957
- BEGONIA ((Tourn.)) L. 1742 (Begoniaceae)
- B. *semperflorens*, Link & Otto
V. *primula* mosaic
Tompkins, C.M. and John T. Middleton, 1941
- V. radish mosaic
Tompkins, C.M., 1939
- V. tobacco etch
Holmes, Francis O., 1946
- V. tobacco mosaic
Holmes, Francis O., 1946
- V. tobacco necrosis
Price, W.C., Frank P. McWhorter and Betty H. Steranka, 1950
- V. tomato ring spot
Samson, R.W. and E.P. Imle, 1942
- V. turnip mosaic
Tompkins, C.M., 1939
- Tompkins, C.M. and H. Rex Thomas, 1938
- B. spp.
V. *vaccinium* false blossom
Kunkel, L.O., 1945

- BELAMCANDA Adans. 1763 (Iridaceae)
- B. chinensis, (L.) DC.
- V. bean yellow mosaic
Brierley, Philip and Floyd F. Smith, 1948
 - V. cucumber mosaic
Brierley, Philip and Floyd F. Smith, 1944
 - V. iris mosaic
Brierley, Philip and Floyd F. Smith, 1948
 - Travis, R.V., 1957
 - V. iris ring spot *
Travis, R.V., 1957
 - V. lily symptomless
Brierley, Philip and Floyd F. Smith, 1944
 - V. tomato aspermy
Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 - V. tulip breaking
Brierley, Philip and Floyd F. Smith, 1944
 - V. wheat streak mosaic
Sill, W.H., Jr. and Patrick C. Agusibio, 1955
- BELLIS ((Tourn.)) L. 1737 (Compositae)
- B. perennis, L.
- V. cabbage black ring spot
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - V. primula mosaic
Tompkins, C.M. and John T. Middleton, 1941
 - V. radish mosaic
Tompkins, C.M., 1939
 - V. tobacco etch
Holmes, Francis O., 1946
 - V. tomato aspermy
Hollings, M., 1955
 - V. turnip mosaic
Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- BENINCASA Savi 1818 (Cucurbitaceae)
- B. hispida, Cogn.
- V. prunus A *
Fulton, Robert W., 1957
 - V. prunus E *
Fulton, Robert W., 1957
- BERBERIS ((Tourn.)) L. 1737 (Berberidaceae)
- B. vulgaris, L.
- V. tobacco ring spot
Wingard, S.A., 1928
- BERRYA DC. 1824 (Tiliaceae)
- B. ammonilla, Roxbg.
- V. cacao swollen shoot
Tinsley, T. W. and A.L. Wharton, 1958
- BERTEROA DC. 1821 (Cruciferae)
- B. incana, (L.) DC.
- V. cauliflower mosaic
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- BETA ((Tourn.)) L. 1735 (Chenopodiaceae)
- B. macrocarpa, Guss.
- V. beet curly top
Costa, A.S., 1952
- B. patellaris, Moq.
- V. beet curly top
Bennett, C. W. and A.S. Costa, 1949
 - Costa, A.S., 1952
- B. patula, ((Soland. in)) Ait. Hort. Kew.
- V. beet curly top
Costa, A.S., 1952
- B. vulgaris, L.
- V. anemone brown ring *
Hollings, M., 1958
 - V. anemone mosaic *
Hollings, M., 1957
 - V. aster yellows
Severin, Henry H.P., 1929
 - V. barley stripe mosaic
Sill, W.H., Jr. and E.D. Hansing, 1955
 - V. bean pod mottle
Zaumeyer, W.J. and H. Rex Thomas, 1948
- B. vulgaris, L. (cont.)
- V. bean southern mosaic
Zaumeyer, W.J. and L.L. Harter, 1943
 - V. bean yellow mosaic
Conover, Robert A., 1948
 - V. bean yellow stipple
Zaumeyer, W.J. and H. Rex Thomas, 1950
 - V. beet curly top
Costa, A.S., 1952
 - V. cabbage black ring spot
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - V. carnation mottle
Brierley, Philip and Floyd F. Smith, 1957
 - V. cauliflower mosaic
Alvarez-Garcia, L.A., 1951
 - Berkeley, G.H. and J.H. Tremaine, 1954
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - V. celery mosaic
Freitag, Julius H. and Henry H.P. Severin, 1945
 - V. chili (pepper) mosaic
Jha, Ashrafi and S.P. Raychaudhuri, 1956
 - V. chrysanthemum B (mild mosaic) *
Hollings, M., 1957
 - V. chrysanthemum latent *
Hollings, M., 1957
 - V. citrus tristeza
Knorr, L.C., 1956
 - V. cowpea mosaic
Yu, T.F., 1946
 - V. cucumber mosaic
Adsuar, Jose and A. Cruz Miret, 1950
 - Govier, D.A., 1957
 - Nienow, Inez, 1948
 - V. (cucumber) O.S.C. isolate 606 *
Porter, Clark A. and Frank P. McWhorter, 1951
 - V. datura distortion mosaic
Capoor, S.P. and P.M. Varma, 1952
 - V. filaree red leaf
Frazier, Norman W., 1951
 - V. lucerne dwarf
Freitag, J.H., 1951
 - V. lucerne mosaic
Kreitlow, K.W. and W.C. Price, 1949
 - Thomas, H. Rex, 1951
 - V. maize leaf fleck
Stoner, Warren N., 1952
 - V. malva yellow vein mosaic *
Costa, A.S. and James E. Duffus, 1957
 - V. muskmelon mosaic
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 - V. nothoscordum mosaic
McKinney, H.H., 1950
 - V. onion yellow dwarf
Henderson, W.J., 1935
 - V. orchid (cymbidium) mosaic
Jensen, D.D., 1951
 - V. orchid (odontoglossum) ring spot
Jensen, D.D. and A. Herbert Gold, 1951
 - V. orchid (vanda) mosaic
Murakishi, Harry H., 1952
 - V. papaw mosaic
Adsuar, Jose, 1950
 - V. papaw ring spot
Jensen, D.D., 1949
 - V. pea enation mosaic
Simons, John N., 1954
 - V. pea mottle
Johnson, Folke, 1942
 - V. pea wilt
Johnson, Folke, 1942
 - V. physalis floridana yellow net
Webb, R.E., 1955
 - V. primula mosaic
Severin, Henry H.P. and C.M. Tompkins, 1950
 - V. potato Y
Johnson, E.M., 1930
 - V. red currant ring spot
Klessner, P.J., 1951
 - V. soybean mosaic
Conover, Robert A., 1948

- Beta vulgaris**, L. (cont.)
 V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
 V. squash mosaic
 Freitag, J.H., 1956
 V. squash mosaic (southern)
 Anderson, C.W., 1951
 V. teasel mosaic
 Stoner, Warren N., 1951
 V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
 V. tobacco coarse etch
 Johnson, E.M., 1930
 V. tobacco etch
 Bennett, C.W., 1944
 Holmes, Francis O., 1946
 Johnson, E.M., 1930
 V. tobacco mosaic
 Doolittle, S.P. and F.S. Beecher, 1942
 Johnson, E.M., 1930
 V. tobacco ring spot
 Johnson, E.M., 1930
 V. tobacco streak
 Thomas, H. Rex and W.J. Zaumeyer, 1950
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
 V. tomato spotted wilt
 Sakimura, K., 1940
 Smith, Kenneth M., 1931
 V. tomato yellow net
 Sylvester, Edward S., 1954
 V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
 Dale, W.T., 1948
 V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
B. vulgaris var. *cicla*, (L.) Moq.
 V. barley stripe mosaic
 Sill, W.H., Jr. and E.D. Hansing, 1955
 V. beet curly top
 Costa, A.S., 1952
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex
 Thomas, 1938
 V. cauliflower mosaic
 Alvarez-Garcia, L.A., 1951
 Berkeley, G.H. and J.H. Tremaine, 1954
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
 V. chilli veinbanding
 Simons, John N., 1956
 V. cucumber mosaic
 Govier, D.A., 1957
 V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
 V. tomato spotted wilt
 Sakimura, K., 1940
 V. turnip mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
 Dale, W.T., 1948
- BIDENS** ((Tourn.)) L. 1737 (Compositae)
B. bipinnata, L.
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
B. cynapiifolia, H. B. & K.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 V. papaw mosaic
 Adsuar, Jose, 1950
B. discoidea, (Torr. & Gray) Brit.
 V. tomato ring spot
 Samson, R.W. E.P. Imle, 1942
B. frondosa, L.
 V. tobacco etch
 Holmes, Francis O., 1946
B. leucantha, L. *
 V. celery mosaic
 Doolittle, S.P. and F.L. Wellman, 1934
- B. leucantha, L. * (cont.)
 V. cucumber mosaic
 Wellman, F.L., 1935
B. pilosa, L.
 V. cowpea mosaic
 Anderson, C.W., 1955
 V. cucumber mosaic
 Anderson, C.W., 1955
 V. lucerne dwarf
 Freitag, J.H., 1951
- BIXA** L. 1737 (Bixaceae)
B. orellana, L.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- BOEHMERIA** Jacq. 1760 (Urticaceae)
B. nivea, Gaud.
 V. abutilon infectious variegation
 Silberschmidt, Karl M., 1948
- BOLTONIA** L' Herit. 1788 (Compositae)
B. latisquama, A. Gray
 V. chrysanthemum stunt
 Brierley, Philip, 1953
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
- BOMBAX** L. 1753 (Bombacaceae)
B. buonopozense, Beauv.
 V. cacao swollen shoot
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
 Tinsley, T.W. and A.L. Wharton, 1958
- BORAGO** L. 1753 (Boraginaceae)
B. officinalis, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- BOUTELOUA** Lag. 1805 (Gramineae)
B. gracilis, (H. B. & K.) Lag.
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
- BRASSICA** ((Tourn.)) L. 1735 (Cruciferae)
 (**SINAPIS**) L. 1735
B. adpressa, Boiss.
 V. beet curly top
 Giddings, N.J., 1944
 V. turnip mosaic
 Tompkins, C.M., 1939
B. campestris, L.
 V. beet mosaic
 Severin, Henry H.P. and Roger M. Drake, 1947
 V. beet yellow net
 Sylvester, Edward S., 1948
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. lucerne dwarf
 Freitag, J.H., 1951
 V. potato leaf roll
 MacCarthy, H.R., 1954
 V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
B. campestris var. *napobrassica*, (L.) DC.
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. physalis florordiana yellow net
 Webb, R.E., 1955
 V. potato leaf roll
 MacCarthy, H.R., 1954
 V. radish mosaic
 Tompkins, C.M., 1939
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco ring spot
 Wingard, S.A., 1928
 V. turnip mosaic
 Tompkins, C.M., 1939

- Brassica campestris*, L., var. *toria* *
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- B. chinensis*, L.
 V. beet yellow net
 Sylvester, Edward S., 1948
 V. cucumber green mottle mosaic
 Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 V. orchid (cymbidium) mosaic
 Jensen, D.D., 1951
 V. orchid (odontoglossum) ring spot
 Jensen, D.D. and A. Herbert Gold, 1951
 V. papaw ring spot
 Jensen, D.D., 1949
 V. tomato aspermy
 Hollings, M., 1955
- B. hirta*, Moench (*B. alba*, (L.) Rabh.)
 V. cucumber mosaic
 Johnson, E.M., 1930
 Wellman, F.L., 1935
 V. potato X
 Johnson, E.M., 1930
 V. potato Y
 Johnson, E.M., 1930
 V. tobacco coarse etch
 Johnson, E.M., 1930
 V. tobacco etch
 Johnson, E.M., 1930
 V. tobacco mosaic
 Johnson, E.M., 1930
 V. tobacco ring spot
 Johnson, E.M., 1930
 Wingard, S.A., 1928
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
 V. turnip mosaic
 Tompkins, C.M., 1938
 Tompkins, C.M. and H. Rex Thomas, 1938
 V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
- B. integrifolia*, O.E. Schulz, var. *chevalieri*,
 V. cabbage black ring spot R. Porteres *
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. radish mosaic
 Tompkins, C.M., 1939
 V. turnip mosaic
 Tompkins, C.M., 1938
 Tompkins, C.M. and H. Rex Thomas, 1938
- B. juncea*, (L.) Coss (*B. japonica*, Hort.)
 V. beet mosaic
 Pound, Glenn S., 1947
 V. cauliflower mosaic
 Tompkins, C.M., 1937
 V. pea enation mosaic
 Simons, John N., 1954
 V. potato leaf roll
 MacCarthy, H.R., 1954
 V. turnip mosaic
 Tompkins, C.M., 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
- B. kaberi*, (DC.) L.C. Wheeler (*B. arvensis*, (L.) Rabh.)
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
- V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- V. turnip mosaic
 Tompkins, C.M., 1938
- B. napus*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. potato leaf roll
 MacCarthy, H.R., 1954
- V. radish mosaic
 Tompkins, C.M., 1939
- V. tobacco ring spot
 Pound, Glenn S., 1949
- B. *napus*, L. (cont.)
 V. turnip mosaic
 Tompkins, C.M., 1938, 1939
- B. napus* var. *chinensis*, (L.) O.E. Schulz *
 V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
- B. nigra*, (L.) Koch
 V. beet mosaic
 Bennett, C.W., 1949
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. cucumber mosaic
 Wellman, F.L., 1935
- V. potato leaf roll
 MacCarthy, H.R., 1954
- V. turnip mosaic
 Tompkins, C.M., 1938
- V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
- B. oleracea*, L.
 V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
- V. beet curly top
 Carsner, E., 1919
- V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. chilli veinbanding
 Simons, John N., 1956
- V. citrus tristeza
 Knorr, L.C., 1956
- V. cucumber green mottle mosaic
 Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
- V. cucumber mosaic
 Doolittle, S.P. and W.J. Zaumeyer, 1953
- Johnson, E.M., 1930
- Simons, John N., 1957
- V. dodder latent mosaic
 Bennett, C.W., 1944
- V. henbane mosaic
 Hamilton, Marion A., 1932
- V. potato X
 Johnson, E.M., 1930
- V. potato Y
 Johnson, E.M., 1930
- V. sweet potato mosaic
 Borders, H.I. and T.J. Ratcliff, 1954
- V. tobacco coarse etch
 Johnson, E.M., 1930
- V. tobacco etch
 Holmes, Francis O., 1946
- Johnson, E.M., 1930
- V. tobacco mosaic
 Holmes, Francis O., 1946
- Johnson, E.M., 1930
- V. tobacco ring spot
 Johnson, E.M., 1930
- V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- B. oleracea* var. *acephala*, DC.
 V. anemone mosaic *
 Hollings, M., 1957
- V. cucumber mosaic
 Wellman, F.L., 1935
- V. physalis floridana yellow net
 Webb, R.E., 1955
- V. tobacco ring spot
 Wingard, S.A., 1928
- V. turnip mosaic
 Sylvester, Edward S., 1953
- Takahashi, William N., 1949
- Tompkins, C.M., 1938, 1939
- B. oleracea* var. *botrytis*, L.
 V. anemone mosaic *
 Hollings, M., 1957
- V. bean pod mottle
 Zaumeyer, W.J. and H. Rex Thomas, 1948
- V. beet mosaic
 Severin, Henry H.P. and Roger M. Drake, 1948
- V. cauliflower mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
- V. celery mosaic
 Freitag, Julius H. and Henry H.P. Severin, 1945

- Brassica oleracea*, L., var. *botrytis*, L. (cont.)
 V. *chilli* (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. *chrysanthemum B* (mild mosaic) *
 Hollings, M., 1957
 V. *cucumber mosaic*
 Berkeley, G.H. and J.H. Tremaine, 1954
 Wellman, F.L., 1935
 V. *filaree red leaf*
 Frazier, Norman W., 1951
 V. *orchid (cymbidium) mosaic*
 Jensen, D.D., 1951
 V. *physalis floridana yellow net*
 Webb, R.E., 1955
 V. *potato leaf roll*
 MacCarthy, H.R., 1954
 V. *primula mosaic*
 Tompkins, C.M. and John T. Middleton, 1941
 V. *rape savoy*
 Ling, Lee and Juhwa Y. Yang, 1940
 V. *squash mosaic*
 Freitag, J.H., 1956
 V. *tobacco ring spot*
 Pound, Glenn S., 1949
 V. *tobacco streak*
 Thomas, H. Rex and W.J. Zaumeyer, 1950
 V. *tomato aspermy*
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 Hollings, M., 1955
 V. *tomato spotted wilt*
 Sakimura, K., 1940
 V. *turnip mosaic*
 Clayton, E.E., 1930
 Dale, W.T., 1948
 LeBeau, Francis J. and J.C. Walker, 1945
 Sylvester, Edward S., 1953
 Takahashi, William N., 1949
 Tompkins, C.M., 1939
B. oleracea var. *botrytis cymosa* *
 V. *lettuce mosaic*
 Ainsworth, G.C. and L. Ogilvie, 1939
B. oleracea var. *capitata*, L.
 V. *bean yellow mosaic*
 Thomas, H. Rex and W.J. Zaumeyer, 1953
 V. *beet mosaic*
 Pound, Glenn S., 1947
 Severin, Henry H.P. and Roger M. Drake, 1948
 V. *chilli (pepper) mosaic*
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. *chrysanthemum B* (mild mosaic) *
 Hollings, M., 1957
 V. *cucumber mosaic*
 Berkeley, G.H. and J.H. Tremaine, 1954
 Wellman, F.L., 1935
 V. *lucerne mosaic*
 Thomas, H. Rex, 1951
 V. *pea mosaic*
 Murphy, D.M. and W.H. Pierce, 1937
 V. *pea mottle*
 Johnson, Folke, 1942
 V. *pea wilt*
 Johnson, Folke, 1942
 V. *potato leaf roll*
 MacCarthy, H.R., 1954
 V. *potato Y*
 Bawden, F.C. and F.M.L. Sheffield, 1944
 V. *primula mosaic*
 Tompkins, C.M. and John T. Middleton, 1941
 V. *rape savoy*
 Ling, Lee and Juhwa Y. Yang, 1940
 V. *red currant ring spot*
 Klessner, P.J., 1951
 V. *spinach yellow dwarf*
 Severin, Henry H.P. and Donald H. Little, 1947
 V. *squash mosaic*
 Freitag, J.H., 1956
 V. *tobacco ring spot*
 Bridgmon, G.H. and J.C. Walker, 1952
 Smith, Kenneth M., 1929
 Wingard, S.A., 1928
- B. *oleracea* var. *capitata*, L. (cont.)
 V. *tomato aspermy*
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 Hollings, M., 1955
 V. *tomato spotted wilt*
 Sakimura, K., 1940
 V. *turnip mosaic*
 Clayton, E.E., 1930
 Dale, W.T., 1948
 LeBeau, Francis J. and J.C. Walker, 1945
 Sylvester, Edward S., 1953
 Takahashi, William N., 1949
 Tompkins, C.M., 1939
B. oleracea var. *caulorapa*, DC.
 V. *anemone mosaic* *
 Hollings, M., 1957
 V. *chilli (pepper) mosaic*
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. *cucumber mosaic*
 Nienow, Inez, 1948
 Wellman, F.L., 1935
 V. *rape savoy*
 Ling, Lee and Juhwa Y. Yang, 1940
 V. *turnip mosaic*
 Dale, W.T., 1948
 Sylvester, Edward S., 1953
 Takahashi, William N., 1949
 Tompkins, C.M., 1938, 1939
B. oleracea var. *gemmifera*, DC.
 V. *anemone mosaic* *
 Hollings, M., 1957
 V. *beet mosaic*
 Pound, Glenn S., 1947
 V. *chrysanthemum B* (mild mosaic) *
 Hollings, M., 1957
 V. *cucumber mosaic*
 Berkeley, G.H. and J.H. Tremaine, 1954
 Wellman, F.L., 1935
 V. *potato Y*
 Bawden, F.C. and F.M.L. Sheffield, 1944
 V. *tobacco etch*
 Bennett, C.W., 1944
 V. *tobacco ring spot*
 Pound, Glenn S., 1949
 V. *turnip mosaic*
 LeBeau, Francis J. and J.C. Walker, 1945
 Sylvester, Edward S., 1953
 Takahashi, William N., 1949
 Tompkins, C.M., 1938, 1939
B. oleracea var. *gongylodes*, L.
 V. *beet mosaic*
 Pound, Glenn S., 1947
 V. *cucumber green mottle mosaic*
 Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 V. *cucumber mosaic*
 Berkeley, G.H. and J.H. Tremaine, 1954
 V. *turnip mosaic*
 LeBeau, Francis J. and J.C. Walker, 1945
B. oleracea var. *italica*, Plenck. *
 V. *chrysanthemum B* (mild mosaic) *
 Hollings, M., 1957
B. oleracea var. *viridis*, L.
 V. *cucumber mosaic*
 Berkeley, G.H. and J.H. Tremaine, 1954
 V. *turnip mosaic*
 LeBeau, Francis J. and J.C. Walker, 1945
B. pekinensis, (Lour.) Rupr.
 V. *anemone brown ring* *
 Hollings, M., 1958
 V. *beet curly top*
 Costa, A.S., 1952
 Severin, Henry H.P., 1929
 V. *beet mosaic*
 Pound, Glenn S., 1947
 V. *chrysanthemum B* (mild mosaic) *
 Hollings, M., 1957
 V. *chrysanthemum latent* *
 Hollings, M., 1957
 V. *citrus tristeza*
 Bennett, C.W. and A.S. Costa, 1949
 V. *cucumber mosaic*
 Berkeley, G.H. and J.H. Tremaine, 1954

- Brassica pekinensis**, (Lour.) Rupr. (cont.)
- V. cucumber mosaic
Wellman, F.L., 1935
 - V. euphorbia mosaic
Costa, A.S. and C.W. Bennett, 1950
 - V. pelargonium ring spot *
Hollings, M., 1957
 - V. potato leaf roll
MacCarthy, H.R., 1954
 - V. primula mosaic
Tompkins, C.M. and John T. Middleton, 1941
 - V. tobacco etch
Holmes, Francis O., 1946
 - V. tobacco mosaic
Holmes, Francis O., 1946
- B. rapa**, L.
- V. anemone brown ring *
Hollings, M., 1958
 - V. bean southern mosaic
Zaumeyer, W.J. and L.L. Harter, 1943
 - V. beet yellows
Roland, G. and J. Tahon, 1961
 - V. cauliflower mosaic
Caldwell, John and Ian W. Prentice, 1942
 - V. chilli (pepper) mosaic
Jha, Ashrafi and S.P. Raychaudhuri, 1956
 - V. chrysanthemum B (mild mosaic) *
Hollings, M., 1957
 - V. cucumber mosaic
Brierley, Philip and Floyd F. Smith, 1944
 - Nienow, Inez, 1948
 - Wellman, F.L., 1935
 - V. henbane mosaic
Hamilton, Marion A., 1932
 - V. lily symptomless
Brierley, Philip and Floyd F. Smith, 1944
 - V. muskmelon mosaic
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 - V. physalis floridana yellow net
Webb, R.E., 1955
 - V. primula mosaic
Tompkins, C.M. and John T. Middleton, 1941
 - V. squash mosaic
Freitag, J.H., 1956
 - V. tobacco ring spot
Wingard, S.A., 1928
 - V. tomato ring spot
Samson, R.W. and E.P. Imle, 1942
 - V. tulip breaking
Brierley, Philip and Floyd F. Smith, 1944
- B. rapa** var. *depressa* *
- V. cucumber mosaic
Johnson, E.M., 1930
 - V. potato X
Johnson, E.M., 1930
 - V. potato Y
Johnson, E.M., 1930
 - V. tobacco coarse etch
Johnson, E.M., 1930
 - V. tobacco etch
Johnson, E.M., 1930
 - V. tobacco mosaic
Johnson, E.M., 1930
 - V. tobacco ring spot
Johnson, E.M., 1930
- B. sinensis**, L. *
- V. red currant ring spot
Klessner, P.J., 1951
- BRICKELLIA** Ell. 1824 (Compositae)
- B. laciniata**, A. Gray
 - V. chrysanthemum stunt
Brierley, Philip, 1953
- BRODIAEA** Sm. 1811 (Liliaceae)
- B. capitata**, Benth.
 - V. tulip breaking
McWhorter, F.P., 1935
- B. uniflora**, Engl.
- V. cucumber mosaic
Brierley, Philip and Floyd F. Smith, 1944
 - V. lily symptomless
Brierley, Philip and Floyd F. Smith, 1944
- B. uniflora**, Engl. (cont.)
- V. tulip breaking
Brierley, Philip and Floyd F. Smith, 1944
- BROMUS** Dill. ex L. 1735 (Gramineae)
- B. brizaeformis**, Fisch. & Mey.
 - V. pea mosaic
Murphy, D.M. and W.H. Pierce, 1937
 - B. carinatus**, Hook. & Arn.
 - V. wheat streak mosaic
McKinney, H.H., 1949
 - B. inermis**, Leyss
 - V. agropyron mosaic
Slykhuys, J.T., 1952
 - V. barley stripe mosaic
Slykhuys, J.T., 1952
 - V. barley yellow dwarf
Bruehl, G.W. and H.V. Toko, 1957
 - V. panicum mosaic *
Sill, W.H., Jr. and R.C. Pickett, 1957
 - V. wheat streak mosaic
Sill, W.H., Jr. and Patrick C. Agusibio, 1955
 - Slykhuys, J.T., 1952, 1955
- B. japonicus**, Thunb.
- V. agropyron mosaic
Slykhuys, J.T., 1952
 - V. wheat spot mosaic *
Slykhuys, John T., 1956
- B. secalinus**, L.
- V. agropyron mosaic
Slykhuys, J.T., 1952
 - V. wheat spot mosaic *
Slykhuys, John T., 1956
- B. tectorum**, L.
- V. agropyron mosaic
Slykhuys, J.T., 1952
 - V. wheat spot mosaic *
Slykhuys, John T., 1956
- BROWALLIA** L. 1737 (Solanaceae)
- B. americana**, L. (B. demissa, L.)
 - V. tobacco etch
Holmes, Francis O., 1946
- B. elata**, L.
- V. muskmelon mosaic
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 - V. prunus A *
 - Fulton, Robert W., 1957
- BRYONIA** L. 1735 (Cucurbitaceae)
- B. dioica**, Jacq.
 - V. cucumber green mottle mosaic
Ainsworth, G.C., 1935
- BUCHLOE** Engelm. 1859 (Gramineae)
- B. dactyloides**, (Nutt.) Engelm.
 - V. wheat streak mosaic
Sill, W.H., Jr. and Patrick C. Agusibio, 1955
- BUETTNERIA** Loefl. 1758 (Sterculiaceae)
- (**BYTTNERIA**) Loefl. 1758
- B. catalpifolia**, Wall.
 - V. cacao swollen shoot
Tinsley, T.W. and A.L. Wharton, 1958
- CAESALPINIA** L. 1753 (Leguminosae)
- C. pulcherrima**, (L.) Sw.
 - V. cacao swollen shoot
Tinsley, T.W. and A.L. Wharton, 1958
- CAJANUS** DC. 1813 (Leguminosae)
- C. cajan**, (L.) Millsp.
 - V. chilli (pepper) mosaic
Jha, Ashrafi and S.P. Raychaudhuri, 1956
 - V. cowpea mosaic
Capoor, S.P. and P.M. Varma, 1956
 - V. cucumber green mottle mosaic
Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
- C. indicus**, Spreng.
- V. bean common mosaic
Zaumeyer, W.J. and B.L. Wade, 1935

- Cajanus indicus*, Spreng. (cont.)
 V. bean yellow mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. lucerne mosaic
 Zaumeyer, W.J., 1938
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. pea streak
 Zaumeyer, W.J., 1938
 V. red clover mosaic *
 Zaumeyer, W.J. and B.L. Wade, 1935
- CALENDULA* L. 1735 (Compositae)
C. chrysanthemum, L. *
 V. *chrysanthemum* B (mild mosaic) *
 Hollings, M., 1957
- C. officinalis*, L.
 V. bayberry yellows
 Raychaudhuri, S.P., 1953
 V. beet mosaic
 Pound, Glenn S., 1947
 V. beet yellow net
 Sylvester, Edward S., 1948
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. celery mosaic
 Freitag, Julius H. and Henry H.P. Severin, 1945
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. *chrysanthemum* stunt
 Brierley, Philip, 1953
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. dandelion yellow mosaic
 Kassanis, B., 1947
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
 V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. red currant ring spot
 Klesser, P.J., 1951
 V. squash mosaic
 Freitag, J.H., 1956
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- C. spp.*
 V. citrus tristeza
 Knorr, L.C., 1956
 V. tomato spotted wilt
 Smith, Kenneth M., 1932
- CALLISTEPHUS* Cass. 1825 (Compositae)
C. chinensis, (L.) Nees
 V. anemone brown ring *
 Hollings, M., 1958
 V. anemone mosaic *
 Hollings, M., 1957
 V. aster yellows
 Brierley, Philip and Floyd F. Smith, 1957
 V. bayberry yellows
 Raychaudhuri, S.P., 1953
 V. bean pod mottle
 Zaumeyer, W.J. and H. Rex Thomas, 1948
 V. beet curly top
 Bennett, C.W. and A.S. Costa, 1949
 Costa, A.S., 1952
 Severin, Henry H.P., 1929
 V. beet yellow net
 Sylvester, Edward S., 1948
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
 V. carnation mosaic
 Brierley, Philip and Floyd F. Smith, 1955, 1957
- C. chinensis, (L.) Nees
 V. carnation mottle
 Brierley, Philip and Floyd F. Smith, 1957
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. *chrysanthemum* B (mild mosaic) *
 Hollings, M., 1957
 V. *chrysanthemum* ring spot
 Brierley, Philip and Floyd F. Smith, 1955
 V. *chrysanthemum* stunt
 Brierley, Philip, 1953
 V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
 V. cucumber mosaic
 Doolittle, S.P. and W.J. Zaumeyer, 1953
 Simons, John N., 1957
 Wellman, F.L., 1935
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
 V. filaree red leaf
 Frazier, Norman W., 1951
 V. hydrangea ring spot
 Brierley, Philip and Paul Lorentz, 1956
 V. lilac witches' broom
 Brierley, Philip, 1955
 V. lucerne mosaic
 Kreitlow, K.W. and W.C. Price, 1949
 V. orchid (cymbidium) mosaic
 Jensen, D.D., 1951
 V. orchid (*odontoglossum*) ring spot
 Jensen, D.D. and A. Herbert Gold, 1951
 V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
 V. pea mottle
 Johnson, Folke, 1942
 V. pea wilt
 Johnson, Folke, 1942
 V. potato A
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. radish mosaic
 Tompkins, C.M., 1939
 V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
 V. squash mosaic
 Freitag, J.H., 1956
 V. tobacco mosaic
 Stover, W.G. and M.T. Vermillion, 1933
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
 V. tomato spotted wilt
 Smith, Kenneth M., 1931
 V. turnip mosaic
 Tompkins, C.M., 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 V. vaccinium false blossom
 Kunkel, L.O., 1945
- CALONYCTION* Choisy 1833 (Convolvulaceae)
C. aculeatum, (L.) House
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. tobacco etch
 Holmes, Francis O., 1946
- CALYCANTHUS* L. 1759 (Calycanthaceae)
C. occidentalis, Hook. & Arn.
 V. lucerne dwarf
 Freitag, J.H., 1951
- CALYSTEGIA* R. Br. 1810 (Convolvulaceae)
C. sepium, L.
 V. *chrysanthemum* B (mild mosaic) *
 Hollings, M., 1957

- CAMASSIA** Lindl. 1832 (Liliaceae)
- C. leichtlinii*, (Baker) S. Wats.
- V. cucumber mosaic
Brierley, Philip and Floyd F. Smith, 1944
 - V. lily symptomless
Brierley, Philip and Floyd F. Smith, 1944
 - V. ornithogalum mosaic
Smith, Floyd F. and Philip Brierley, 1944
 - V. tulip breaking
Brierley, Philip and Floyd F. Smith, 1944
- C. quamash*, (Pursh) Greene
- V. tulip breaking
McWhorter, F.P., 1935
- CAMPANULA** ((Tourn.)) L. 1735 (Campanulaceae)
- C. carpatica*, Jacq.
- V. squash mosaic
Freitag, J.H., 1956
 - V. tobacco etch
Holmes, Francis O., 1946
 - V. tobacco mosaic
Holmes, Francis O., 1946
- C. lactiflora*, Bieb.
- V. tobacco etch
Holmes, Francis O., 1946
 - V. tobacco mosaic
Holmes, Francis O., 1946
- C. medium*, L.
- V. beet mosaic
Pound, Glenn S., 1947
 - V. cabbage black ring spot
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - V. cucumber mosaic
Wellman, F.L., 1935
 - V. pea mosaic
Murphy, D.M. and W.H. Pierce, 1937
 - V. primula mosaic
Tompkins, C.M. and John T. Middleton, 1941
 - V. radish mosaic
Tompkins, C.M., 1939
 - V. spinach yellow dwarf
Severin, Henry H.P. and Donald H. Little, 1947
 - V. squash mosaic
Freitag, J.H., 1956
 - V. tobacco etch
Holmes, Francis O., 1946
 - V. tobacco mosaic
Holmes, Francis O., 1946
 - V. turnip mosaic
Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- C. petiolata*, DC. (*C. rotundifolia* of Amer. auths.)
- V. tobacco etch
Holmes, Francis O., 1946
 - V. tobacco mosaic
Holmes, Francis O., 1946
- C. pyramidalis*, L.
- V. pea mosaic
Murphy, D.M. and W.H. Pierce, 1937
 - V. tobacco etch
Holmes, Francis O., 1946
 - V. tobacco mosaic
Holmes, Francis O., 1946
- CANAVALIA** DC. 1825 (Leguminosae)
- C. ensiformis*, (L.) DC.
- V. bean common mosaic
Reddick, D. and V.B. Stewart, 1919
 - V. bean yellow stipple
Zaumeyer, W.J. and H. Rex Thomas, 1950
 - V. citrus tristeza
Bennett, C.W. and A.S. Costa, 1949
 - V. cowpea mosaic
Yu, T.F., 1946
 - V. cucumber mosaic
Anderson, C.W., 1955
 - V. euphorbia mosaic
Costa, A.S. and C.W. Bennett, 1950
 - V. tobacco streak
Thomas, H. Rex and W.J. Zaumeyer, 1950
- C. gladiata*, (Jacq.) DC.
- V. bean common mosaic
Nelson, Ray, 1932
- C. gladiata*, (Jacq.) DC. (cont.)
- V. bean common mosaic
Zaumeyer, W.J. and B.L. Wade, 1935
 - V. bean yellow mosaic
Zaumeyer, W.J. and B.L. Wade, 1935
 - V. cucumber mosaic
Anderson, C.W., 1955
 - V. lucerne mosaic
Zaumeyer, W.J. and B.L. Wade, 1935
 - V. red clover mosaic *
Zaumeyer, W.J. and B.L. Wade, 1935
- CANNA** L. 1735 (Cannaceae)
- C. edulis*, Ker-Gawl.
- V. cucumber mosaic
Celino, Martin S., 1940
- C. generalis*, Bailey
- V. onion yellow dwarf
Henderson, W.J., 1935
 - V. tulip breaking
Brierley, Philip and Floyd F. Smith, 1944
- C. glauca*, L.
- V. cucumber mosaic
Wellman, F.L., 1935
- C. indica*, L.
- V. anemone mosaic *
Hollings, M., 1957
- C. spp.*
- V. wheat streak mosaic
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- CANTHIMUM** Lam. 1783 (Rubiaceae)
- C. glabriflorum*, Hiern
- V. cacao swollen shoot
Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
- CAPSELLA** Medic. 1792 (Cruciferae)
- (BURSA) Weber 1780
- C. bursa-pastoris*, (L.) Medik.
- V. beet yellow net
Sylvester, Edward S., 1948
 - V. cauliflower mosaic
Caldwell, John and Ian W. Prentice, 1942
 - V. stone fruit *
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 - V. tobacco etch
Holmes, Francis O., 1946
 - V. turnip rosette *
Broadbent, L. and G.D. Heathcote, 1958
- CAPSICUM** ((Tourn.)) L. 1735 (Solanaceae)
- C. cerasiforme*, Mill.
- V. nicotiana glutinosa mosaic *
Allard, H.A., 1916
- C. frutescens*, L. (*C. annuum*, L.)
- V. anemone mosaic *
Hollings, M., 1957
 - V. bean pod mottle
Zaumeyer, W.J. and H. Rex Thomas, 1948
 - V. bean southern mosaic
Zaumeyer, W.J. and L.L. Harter, 1943
 - V. beet curly top
Bennett, C.W., Eubanks Carsner, F.H. Coons and E.W. Brandes, 1946
 - V. beet yellows
Costa, A.S., 1952
 - V. beet yellows
Roland, G. and J. Tahon, 1961
 - V. cacao swollen shoot
Tinsley, T.W. and A.L. Wharton, 1958
 - V. cauliflower mosaic
Alvarez-Garcia, L.A., 1951
 - V. chrysanthemum B (mild mosaic) *
Hollings, M., 1957
 - V. cowpea mosaic
Anderson, C.W., 1955
 - V. cucumber green mottle mosaic
Vasudeva, R.S. and T.K. Nariani, 1952
 - V. cucumber mosaic
Adsuar, Jose and A. Cruz Miret, 1950
 - V. cucumber mosaic
Anderson, C.W. and M.K. Corbett, 1957

- Capsicum frutescens*, L. (*C. annuum*, L.) (cont.)
- V. cucumber mosaic
 - Burnett, G., 1934
 - Govier, D.A., 1957
 - Vasudeva, R. Sahai and T.B. Lal, 1943
 - (cucumber) O.S.C. isolate 606 *
 - Porter, Clark A. and Frank P. McWhorter, 1951
 - V. hibiscus yellow vein mosaic
 - Capoor, S.P. and P.M. Varma, 1950
 - V. hydrangea ring spot
 - Brierley, Philip and Paul Lorentz, 1957
 - V. lucerne mosaic
 - Johnson, E.M., 1946
 - Thomas, H. Rex, 1951
 - Zaumeyer, W.J., 1953
 - V. muskmelon mosaic
 - Anderson, C.W., 1954
 - Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 - V. *nicotiana glutinosa* root necrosis *
 - Cetas, Robert C. and A. Frank Ross, 1952
 - V. orchid (vanda) mosaic
 - Murakishi, Harry H., 1952
 - V. papaw mosaic
 - Adsuar, Jose, 1950
 - V. papaw ring spot
 - Jensen, D.D., 1949
 - V. pea streak
 - Zaumeyer, W.J., 1938
 - V. petunia mosaic
 - Johnson, J., 1926, 1927
 - V. potato A
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - V. potato leaf roll
 - Dykstra, T.P., 1933
 - V. potato M *
 - Bagnall, R.H. and R.H. Larson, 1957
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - V. potato paracrinkle
 - Bagnall, R.H. and R.H. Larson, 1957
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - V. potato X
 - Dykstra, T.P., 1933
 - V. potato Y
 - Cockerham, George, 1943
 - Dykstra, T.P., 1933
 - V. spinach yellow dwarf
 - Severin, Henry H.P. and Donald H. Little, 1947
 - V. squash mosaic (southern)
 - Anderson, C.W., 1951
 - V. sweet potato mosaic
 - Borders, H.I. and T.J. Ratcliff, 1954
 - V. tobacco coarse etch
 - Johnson, E.M., 1930
 - V. tobacco etch
 - McKinney, H.H., 1952
 - V. tobacco leaf curl
 - Bird, Julio, 1957
 - V. tobacco mosaic
 - Das, C.R. and S.P. Raychaudhuri, 1953
 - Johnson, J., 1926, 1927
 - V. tobacco ring spot
 - Berkeley, G.H., 1953
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - Cooper, W.E., 1949
 - Johnson, E.M., 1930
 - Johnson, J., 1936
 - V. tomato spotted wilt
 - Parris, G.K., 1940
 - V. *tropaeolum* mosaic
 - Silberschmidt, Karl, 1953
 - V. watermelon mosaic
 - Anderson, C.W., 1954
- C. frutescens* var. *cerasiforme*, Bailey
- V. beet mosaic
 - Pound, Glenn S., 1947
 - V. cauliflower mosaic
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - V. cucumber mosaic
 - Pound, Glenn S. and J.C. Walker, 1948
 - V. turnip mosaic
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- C. frutescens var. *grossum*, Bailey
- V. beet curly top
 - Costa, A.S., 1952
 - V. beet mosaic
 - Severin, Henry H.P. and Roger M. Drake, 1948
 - V. cauliflower mosaic
 - Tompkins, C.M., 1937
 - V. celery mosaic
 - Freitag, Julius H. and Henry H.P. Severin, 1945
 - V. primula mosaic
 - Tompkins, C.M. and John T. Middleton, 1941
 - V. squash mosaic
 - Freitag, J.H., 1956
 - V. tobacco ring spot
 - Pound, Glenn S., 1949
 - Wingard, S.A., 1928
- C. spp.
- V. beet curly top
 - Carsner, E., 1919
 - V. citrus tristeza
 - Knorr, L.C., 1956
- CARDAMINE* ((Tourn.)) L. 1735 (Cruciferae)
- C. hirsuta*, L.
- V. cauliflower mosaic
 - Caldwell, John and Ian W. Prentice, 1942
- C. pratensis*, L.
- V. cauliflower mosaic
 - Caldwell, John and Ian W. Prentice, 1942
- CARDUUS* ((Tourn.)) L. 1735 (Compositae)
- C. arvensis*, Robs.
- V. lettuce mosaic
 - Ainsworth, G.C. and L. Ogilvie, 1939
- CARICA* L. 1737 (Caricaceae)
- C. papaya*, L.
- V. cacao swollen shoot
 - Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
 - V. *crotalaria* mosaic
 - Jensen, D.D., 1949
 - V. cucumber mosaic
 - Adsuar, Jose and A. Cruz Miret, 1950
 - Wellman, F.L., 1935
 - V. orchid (vanda) mosaic
 - Murakishi, Harry H., 1952
 - V. tobacco etch
 - Holmes, Francis O., 1946
- CARTHAMUS* ((Tourn.)) L. 1735 (Compositae)
- C. tinctorius*, L.
- V. beet yellows
 - Roland, G. and J. Tahon, 1961
- CARUM* Rupp. ex L. 1735 (Umbelliferae)
- C. carvi*, L.
- V. squash mosaic
 - Freitag, J.H., 1956
- CASIMIROA* La Llave 1825 (Rutaceae)
- C. edulis*, La Llave & Lex.
- V. citrus tristeza
 - Knorr, L.C., 1956
- CASSIA* Tourn. ex L. 1735 (Leguminosae)
- C. marilandica*, L.
- V. prunus A *
 - Fulton, Robert W., 1957
 - V. prunus B *
 - Fulton, Robert W., 1957
 - V. prunus G *
 - Fulton, Robert W., 1957
- C. medsgeri*, Shafer
- V. pea mosaic
 - Murphy, D.M. and W.H. Pierce, 1937
- C. occidentalis*, L.
- V. cacao swollen shoot
 - Tinsley, T.W. and A.L. Wharton, 1958
- C. sophera*, L.
- V. *datura* distortion mosaic
 - Capoor, S.P. and P.M. Varma, 1952
- C. tora*, L.
- V. cucumber mosaic
 - Anderson, C.W., 1954, 1955

- Cassia tora*, L. (cont.)
V. hibiscus yellow vein mosaic
 Capoor, S.P. and P.M. Varma, 1950
V. lucerne mosaic
 Anderson, C.W., 1954
V. potato Y
 Anderson, C.W., 1954
V. prunus B *
 Fulton, Robert W., 1957
V. tobacco mosaic
 Anderson, C.W., 1954
- CATANANCHE* L. 1735 (Compositae)
C. caerulea, L.
V. chrysanthemum stunt
 Brierley, Philip, 1953
- CATHARANTHUS* G. Don 1836 (Apocynaceae)
C. roseus, (L.) Don
V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
V. papaw mosaic
 Adsuar, Jose, 1950
- CATTLEYA* Lindl. 1824 (Orchidaceae)
C. gaskelliana, Reichb. f.
V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
- C. spp.*
V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
- C. trianaei*, Lind. & Reichb. f.
V. orchid (cymbidium) mosaic
 Jensen, D.D., 1951
V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
- CEANOOTHUS* L. 1741 (Rhamnaceae)
C. cuneatus, Nutt.
V. beet curly top
 Severin, Henry H.P., 1939
- CEIBA* Gaertn. (Bombacaceae)
C. pentandra, Gaertn.
V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- CELERI* Adans. 1763 (Umbelliferae)
C. graveolens, Britton
V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
- CELOSIA* L. 1737 (Amaranthaceae)
C. argentea, L.
V. anemone brown ring *
 Hollings, M., 1958
V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
V. cucumber mosaic
 Wellman, F.L., 1935
V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
V. squash mosaic
 Freitag, J.H., 1956
- C. argentea* var. *cristata*, Kuntze
V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- C. argentea* var. *plumosa* *
V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
- C. spp.*
V. citrus tristeza
 Knorr, L.C., 1956
- CENTAUREA* L. 1737 (Compositae)
C. americana, Nutt.
V. tobacco etch
 Holmes, Francis O., 1946
- C. cyanus*, L.
V. aster yellows
 Kunkel, L.O., 1928
V. beet yellows
 Roland, G. and J. Tahon, 1961
- C. cyanus*, L. (cont.)
V. cucumber mosaic
 Wellman, F.L., 1935
V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
- C. imperialis*, Hort.
V. chrysanthemum stunt
 Brierley, Philip, 1953
- C. montana*, L.
V. tobacco etch
 Holmes, Francis O., 1946
- C. moschata*, L.
V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. tobacco* etch
 Holmes, Francis O., 1946
- C. nigra*, L.
V. beet mosaic
 Pound, Glenn S., 1947
- V. cauliflower* mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. turnip* mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- C. repens*, L.
V. beet mosaic
 Pound, Glenn S., 1947
- C. spp.*
V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- CENTRANTHUS* DC. 1805 (Valerianaceae)
C. ruber, (L.) DC.
V. tobacco ring spot
 Wingard, S.A., 1928
- CERASTIUM* ((Dill.)) L. 1735 (Caryophyllaceae)
C. caespitosum, Gilib.
V. beet yellows
 Roland, G. and J. Tahon, 1961
- C. vulgatum*, L.
V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- CHAEREOFOLIUM* Haller 1768 (Umbelliferae)
C. silvestre, Schinz
V. beet yellows
 Roland, G. and J. Tahon, 1961
- CHAMAESYCE* S.F. Gary 1821 (Euphorbiaceae)
C. hypericifolia, Millsp.
V. abutilon infectious variegation
 Bird, Julio, 1958
- CHAPMANNIA* Torr. & Gray 1839 (Leguminosae)
C. floridana, Torr. & Gray
V. cucumber mosaic
 Wellman, F.L., 1935
- CHEIRANTHUS* L. 1737 (Cruciferae)
C. allionii, Hort.
V. cauliflower mosaic
 Caldwell, John and Ian W. Prentice, 1942
- V. tobacco* etch
 Holmes, Francis O., 1946
- V. turnip* mosaic
 LeBeau, Francis J. and J.C. Walker, 1945
- C. cheiri*, L.
V. anemone mosaic *
 Hollings, M., 1957
- V. beet* mosaic
 Pound, Glenn S., 1947
- V. beet yellows*
 Roland, G. and J. Tahon, 1961
- V. cauliflower* mosaic
 Caldwell, John and Ian W. Prentice, 1942
- Tompkins*, C.M., 1937
- V. chrysanthemum* B (mild mosaic) *
 Hollings, M., 1957

- Cheiranthus cheiri*, L. (cont.)
 V. cucumber mosaic
 Govier, D.A., 1957
 V. squash mosaic
 Freitag, J.H., 1956
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco ring spot no. 2
 Brierley, Philip, 1954
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 Hollings, M., 1955
 V. turnip mosaic
 Tompkins, C.M., 1938, 1939
- CHELIDONIUM* Tourn. ex L. 1735 (Papaveraceae)
C. majus, L.
 V. tobacco etch
 Holmes, Francis O., 1946
- CHELONE* L. 1735 (Scrophulariaceae)
C. glabra, L.
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- CHENOPODIUM* ((Tourn.)) L. 1735 (Chenopodiaceae)
C. album, L.
 V. beet curly top
 Bennett, C.W. and A.S. Costa, 1949
 V. beet rosette *
 Bennett, C.W. and James E. Duffus, 1957
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. cucumber mosaic
 Burnett, G., 1934
 V. onion yellow dwarf
 Henderson, W.J., 1935
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco ring spot
 Fenne, S.B., 1931
 Henderson, R.G. and S.A. Wingard, 1931
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
 V. turnip mosaic
 Tompkins, C.M., 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
 V. wheat streak mosaic
 Meiners, Jack P. and H.H. McKinney, 1954
- C. amaranticolor*, Coste & Reyn.
 V. beet rosette *
 Bennett, C.W. and James E. Duffus, 1957
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. pelargonium ring spot *
 Hollings, M., 1957
 V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
- C. ambrosioides*, L.
 V. tobacco etch
 Holmes, Francis O., 1946
- C. botrys, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
- C. capitatum*, (L.) Asch.
 V. beet rosette *
 Bennett, C.W. and James E. Duffus, 1957
- C. glaucum*, L.
 V. tobacco etch
 Holmes, Francis O., 1946
- C. hybridum*, L.
 V. chilli (pepper) mosaic
 Dale, W.T., 1954
- C. leptophyllum*, Nutt. ex S. Wats.
 V. beet curly top
 Carsner, E., 1919
- C. murale*, L.
 V. beet curly top
 Carsner, E., 1919
 V. beet yellow net
 Sylvester, Edward S., 1948
 V. turnip mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
- C. rubrum*, L.
 V. tobacco etch
 Holmes, Francis O., 1946
- CHLORIS* Sw. 1788 (Gramineae)
C. barbata, Nash
 V. rice and corn leaf-gall *
 Agati, Julian A. and Carlos A. Calica, 1950
- CHORISIA* H. B. & K. 1821 (Bombacaceae)
C. spp.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- CHRISTIANA* DC. 1824 (Tiliaceae)
C. africana, DC.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- CHRYSANTHEMUM* ((Tourn.)) L. 1735 (Compositae)
C. carinatum, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 V. tobacco ring spot
 Wingard, S.A., 1928
- C. cinerariifolium*, (Trev.) Vis.
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
- C. coccineum*, Willd.
 V. cucumber mosaic
 Govier, D.A., 1957
- C. coronarium*, L.
 V. radish mosaic
 Tompkins, C.M., 1939
 V. tomato spotted wilt
 Sakimura, K., 1940
 V. turnip mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
- C. leucanthemum*, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- C. maximum*, Ramond
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
- V. radish mosaic
 Tompkins, C.M., 1939
- V. turnip mosaic
 Tompkins, C.M., 1939
- C. morifolium*, (Ramat.) Hemsl.
 V. anemone brown ring *
 Hollings, M., 1958

Chrysanthemum morifolium, (Ramal.) Hemsl. (cont.)
V. anemone mosaic *
 Hollings, M., 1957
V. beet mosaic
 Pound, Glenn S., 1947
V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
V. cucumber mosaic
 Wellman, F.L., 1935
V. hydrangea ring spot
 Brierley, Philip and Paul Lorentz, 1957
C. parthenium, (L.) Bernh.
V. cucumber mosaic
 Govier, D.A., 1957
 Wellman, F.L., 1935
V. squash mosaic
 Freitag, J.H., 1956
C. segetum, L.
V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

CHRYSOPOPSIS Ell. 1824 (Compositae)
C. spp.
V. tobacco ring spot
 Henderson, R.G. and S.A. Wingard, 1931
C. villosa, Nutt.
V. beet curly top
 Severin, Henry H.P., 1939

CICER ((Tourn.)) L. 1735 (Leguminosae)
C. arietinum, L.
V. bean common mosaic
 Reddick, D. and V.B. Stewart, 1919
 Snyder, W.C., 1942
 Zaumeyer, W.J. and B.L. Wade, 1935
V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
V. cucumber green mottle mosaic
 Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
V. cucumber mosaic
 Wellman, F.L., 1935
V. filaree red leaf
 Frazier, Norman W., 1951
V. lucerne mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
V. pea enation mosaic
 Johnson, Folke and Leon K. Jones, 1937
V. pea mottle
 Johnson, F. and L.K. Jones, 1936, 1937

CICHORIUM ((Tourn.)) L. 1735 (Compositae)
C. endivia, L.
V. cucumber mosaic
 Wellman, F.L., 1935
V. dahlia mosaic
 Brierley, Philip and Floyd F. Smith, 1950
V. tobacco etch
 Holmes, Francis O., 1946
C. intybus, L.
V. beet yellows
 Roland, G. and J. Tahon, 1961
V. celery mosaic
 Freitag, Julius H. and Henry H.P. Severin, 1945
V. chrysanthemum stunt
 Brierley, Philip, 1953
V. cucumber mosaic
 Pound, Glenn S. and J.C. Walker, 1948
 Wellman, F.L., 1935
V. dandelion yellow mosaic
 Kassanis, B., 1947
*V. stone fruit **
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954

CINERARIA L. p.p. 1763 (Compositae)
C. cruenta, Mass.
V. lettuce mosaic
 Jones, Leon K., 1944

CIRCAEA Tourn. ex L. 1735 (Onagraceae)
C. lutetiana, L.
V. tobacco mosaic
 Holmes, Francis O., 1938

CIRSIUM ((Tourn.)) Adans. 1763 (Compositae)
C. arvense, (L.) Scop.
V. beet mosaic
 Pound, Glenn S., 1947
V. beet yellows
 Roland, G. and J. Tahon, 1961
*V. stone fruit **
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
V. tobacco mosaic
 Holmes, Francis O., 1938
V. tobacco ring spot
 Wingard, S.A., 1928
C. vulgare, (Savi) Tenore
V. beet yellows
 Roland, G. and J. Tahon, 1961

CISTANTHERA C.K. Schum. 1897 (Tiliaceae)
C. papaverifera, A. Chev.
V. cacao swollen shoot
 Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950

CITRULLUS Forsk. 1775 (Cucurbitaceae)
C. citrullus, Small
V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
V. papaw mosaic
 Adsuar, Jose, 1950
C. colocynthis, Schrad.
*V. prunus E **
 Fulton, Robert W., 1957
*V. prunus G **
 Fulton, Robert W., 1957
C. vulgaris, Schrad.
V. beet yellows
 Roland, G. and J. Tahon, 1961
V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
V. cucumber green mottle mosaic
 Ainsworth, G.C., 1935
V. cucumber mosaic
 Nariani, T.K. and Nirmaljit Singh, 1952
*V. (cucumber) O.S.C. isolate 606 **
 Porter, Clark A. and Frank P. McWhorter, 1951
*V. cucurbit mosaic **
 Doolittle, S.P. and M.N. Walker, 1925
V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
V. peach ring spot
 Hobbs, Gordon A., 1951
*V. prunus E **
 Fulton, Robert W., 1957
*V. prunus G **
 Fulton, Robert W., 1957
V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
V. squash mosaic
 Freitag, J.H., 1956
*V. stone fruit **
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
V. tobacco etch
 Holmes, Francis O., 1946
V. tobacco mosaic
 Doolittle, S.P. and F.S. Beecher, 1942
 Holmes, Francis O., 1946
V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
C. vulgaris var. *citroides*, Bailey *
*V. prunus E **
 Fulton, Robert W., 1957
*V. prunus G **
 Fulton, Robert W., 1957

- Citrullus vulgaris*, Schrad. var. *fistulosus* *
 V. *chilli* (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- V. *cucumber mosaic*
 Nariami, T.K. and Nirmaljit Singh, 1952
- CITRUS* L. 1735 (Rutaceae)
C. aurantifolia, (Christm.) Swingle
 V. *cacao swollen shoot*
 Tinsley, T.W. and A.L. Wharton, 1958
- V. *citrus exocortis*
 Olson, E.O. and A.V. Shull, 1956
- V. *citrus xyloporosis*
 Olson, E.O. and A.V. Shull, 1956
- C. aurantium*, L.
 V. *cucumber mosaic*
 Wellman, F.L., 1935
- C. grandis*, (L.) Osbeck
 V. *citrus tristeza*
 Knorr, L.C., 1956
- V. *cucumber mosaic*
 Wellman, F.L., 1935
- C. limon*, (L.) Burm. f.
 V. *chilli* (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- V. *citrus tristeza*
 Knorr, L.C., 1956
- V. *lucerne dwarf*
 Freitag, J.H., 1951
- C. nobilis*, Lour.
 V. *cucumber mosaic*
 Wellman, F.L., 1935
- C. nobilis* var. *unshiu*, Swingle on *C. sinensis*, (L.) Osbeck x *Poncirus trifoliata*, (L.) Raf.
 V. *citrus tristeza*
 Olson, Edward O. and James R. McDonald, 1954
- C. nobilis* var. *unshiu*, Swingle on *Poncirus trifoliata*,
 V. *citrus tristeza* (L.) Raf.
 Olson, Edward O. and James R. McDonald, 1954
- C. paradisi*, Macf. on *C. paradisi* x *Poncirus trifoliata*,
 V. *citrus tristeza* (L.) Raf.
 Olson, Edward O. and James R. McDonald, 1954
- C. paradisi* x *C. reticulata*, Blanco
 V. *citrus xyloporosis*
 Olson, E.O. and A.V. Shull, 1956
- C. paradisi* x *C. reticulata*, Blanco on *C. sinensis*, (L.) Osbeck x *Poncirus trifoliata*, (L.) Raf.
 V. *citrus tristeza*
 Olson, Edward O. and James R. McDonald, 1954
- C. reticulata*, Blanco
 V. *citrus tristeza*
 Knorr, L.C., 1956
- V. *lucerne dwarf*
 Freitag, J.H., 1951
- C. sinensis*, (L.) Osbeck
 V. *beet yellows*
 Roland, G. and J. Tahon, 1961
- V. *cacao swollen shoot*
 Tinsley, T.W. and A.L. Wharton, 1958
- V. *citrus tristeza*
 Olson, Edward O. and James R. McDonald, 1954
- V. *cucumber mosaic*
 Wellman, F.L., 1935
- C. sinensis* on *C. paradisi*, Macf. x *Poncirus trifoliata*,
 V. *citrus tristeza* (L.) Raf.
 Olson, Edward O. and James R. McDonald, 1954
- C. sinensis* on *Poncirus trifoliata*, (L.) Raf.
 V. *citrus tristeza*
 Olson, Edward O. and James R. McDonald, 1954
- C. spp.*
 V. *cucumber mosaic*
 Bennett, C.W., 1944
- CLAPPERTONIA* Meissn. 1837 (Tiliaceae)
C. ficiifolia, Decne.
 V. *cacao swollen shoot*
 Tinsley, T.W. and A.L. Wharton, 1958
- CLARKIA* Pursh 1814 (Onagraceae)
C. elegans, Dougl.
 V. *cabbage black ring spot*
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
- V. *cucumber mosaic*
 Wellman, F.L., 1935
- V. *radish mosaic*
 Tompkins, C.M., 1939
- V. *tobacco etch*
 Holmes, Francis O., 1946
- V. *tobacco mosaic*
 Holmes, Francis O., 1946
- V. *turnip mosaic*
 Tompkins, C.M., 1938, 1939
- Tompkins, C.M. and H. Rex Thomas, 1938
- CLEOME* L. 1735 (Capparidaceae)
C. spinosa, L.
 V. *cucumber mosaic*
 Adsuar, Jose and A. Cruz Miret, 1950
- V. *papaw mosaic*
 Adsuar, Jose, 1950
- V. *tobacco etch*
 Holmes, Francis O., 1946
- CLERODENDRON* L. 1737 (Verbenaceae)
C. fragans, Vent.
 V. *cucumber mosaic*
 Adsuar, Jose and A. Cruz Miret, 1950
- CLITORIA* L. 1737 (Leguminosae)
C. ternata, L.
 V. *cucumber mosaic*
 Wellman, F.L., 1935
- COBAEA* Cav. 1791 (Polemoniaceae)
C. scandens, Cav.
 V. *tobacco etch*
 Holmes, Francis O., 1946
- V. *tobacco mosaic*
 Holmes, Francis O., 1946
- COCHLEARIA* Tourn. ex L. 1735 (Cruciferae)
C. armoracia, L.
 V. *beet yellows*
 Roland, G. and J. Tahon, 1961
- COCHLOSPERMUM* Kunth 1822 (Cochlospermaceae)
C. vitifolia, Spreng.
 V. *cacao swollen shoot*
 Tinsley, T.W. and A.L. Wharton, 1958
- CODIAEUM* Rumph. ex A. Juss. 1824 (Euphorbiaceae)
C. variegatum, Blume
 V. *cucumber mosaic*
 Wellman, F.L., 1935
- V. *wheat streak mosaic*
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- COFFEEA* L. 1735 (Rubiaceae)
C. arabica, L.
 V. *beet curly top*
 Bennett, C.W. and A.S. Costa, 1949
- COIX* L. 1737 (Gramineae)
C. lachryma-jobi, L.
 V. *sugarcane mosaic*
 Brandes, E.W. and Peter J. Klaphaak, 1923
- V. *wheat streak mosaic*
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- COLA* Schott & Endl. 1832 (Sterculiaceae)
C. caricaefolia, (G. Don) K. Schum. *
 V. *cacao swollen shoot*
 Tinsley, T.W. and A.L. Wharton, 1958
- C. chlamydantha*, K. Schum.
 V. *cacao swollen shoot*
 Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
- Tinsley, T.W. and A.L. Wharton, 1958

- Cola gigantea*, A. Chev., var. *glabrescens*, Brenan &
V. *cacao* swollen shoot Tinsley, T.W. and A.L. Wharton, 1958 Keay
- C. heterophylla*, Schott & Endl.
V. *cacao* swollen shoot Tinsley, T.W. and A.L. Wharton, 1958
- C. lateritia*, K. Schum., var. *maclaudi*, (A. Chev.)
V. *cacao* swollen shoot Brenan & Keay Tinsley, T.W. and A.L. Wharton, 1958
- C. millenii*, K. Schum. (*Cola togoensis*, Endl. & Krause)
V. *cacao* swollen shoot Tinsley, T.W. and A.L. Wharton, 1958
- C. nitida*, Schott & Endl.
V. *cacao* swollen shoot Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950 Tinsley, T.W. and A.L. Wharton, 1958
- C. togoensis*, Engl. & Krause
V. *cacao* swollen shoot Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
- C. umbratilis*, Brenan & Keay *
V. *cacao* swollen shoot Tinsley, T.W. and A.L. Wharton, 1958
- C. verticillata*, Stapf ex A. Chev.
V. *cacao* swollen shoot Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950 Tinsley, T.W. and A.L. Wharton, 1958
- COLEUS** Lour. 1790 (Labiatae)
- C. blumei*, Benth.
V. muskmelon mosaic Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
- V. *prunus* A * Fulton, Robert W., 1957
- V. *prunus* G * Fulton, Robert W., 1957
- V. tobacco etch Holmes, Francis O., 1946
- V. tomato aspermy Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- C. blumei* var. *verschaffeltii*, Lem.
V. tobacco ring spot Wingard, S.A., 1928
- C. lanuginosus*, Hochst. ex Benth.
V. cucumber mosaic Adsuar, Jose and A. Cruz Miret, 1950
- V. papaw mosaic Adsuar, Jose, 1950
- COMMELINA** Plum. ex L. 1735 (Commelinaceae)
- C. coelestis*, Willd.
V. cucumber mosaic Brierley, Philip and Floyd F. Smith, 1944
- V. lily symptomless Brierley, Philip and Floyd F. Smith, 1944
- V. tulip breaking Brierley, Philip and Floyd F. Smith, 1944
- C. communis*, L.
V. tulip breaking Brierley, Philip and Floyd F. Smith, 1944
- C. diffusa*, Burm. f.
V. papaw ring spot Jensen, D.D., 1949
- C. nudiflora*, L.
V. cowpea mosaic Anderson, C.W., 1955
- V. cucumber mosaic Anderson, C.W., 1955
- Brierley, Philip and Floyd F. Smith, 1944
- V. lily symptomless Brierley, Philip and Floyd F. Smith, 1944
- V. tomato spotted wilt Sakimura, K., 1940
- V. tulip breaking Brierley, Philip and Floyd F. Smith, 1944
- C. spp.*
V. chilli veinbanding Simons, John N., 1956
- V. cucumber mosaic Simons, John N., 1957
- C. venghalensis*, L. *
V. tomato spotted wilt Sakimura, K., 1940
- CONIUM** L. 1735 (Umbelliferae)
- C. maculatum*, L.
V. beet yellows Roland, G. and J. Tahon, 1961
- V. celery mosaic Freitag, Julius H. and Henry H.P. Severin, 1945
- CONVALLARIA** L. 1735 (Liliaceae)
- C. majalis*, L.
V. cucumber mosaic Brierley, Philip and Floyd F. Smith, 1944
- V. lily symptomless Brierley, Philip and Floyd F. Smith, 1944
- V. tulip breaking Brierley, Philip and Floyd F. Smith, 1944
- V. wheat streak mosaic Sill, W.H., Jr. and Patrick C. Agusibio, 1955
- CONVOLVULUS** ((Tourn.)) L. 1735 (Convolvulaceae)
- C. arvensis*, L.
V. beet yellows Roland, G. and J. Tahon, 1961
- C. sepium*, L.
V. anemone mosaic * Hollings, M., 1957
- V. tomato aspermy Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- C. tricolor*, L.
V. anemone brown ring * Hollings, M., 1958
- V. chrysanthemum B (mild mosaic) * Hollings, M., 1957
- COOPERIA** Herb. 1836 (Amaryllidaceae)
- C. spp.*
V. narcissus mosaic Haasis, Frank A., 1939
- CORCHORUS** ((Tourn.)) L. 1735 (Tiliaceae)
- C. trilocularis*, L.
V. hibiscus yellow vein mosaic Capoor, S.P. and P.M. Varma, 1950
- COREOPSIS** L. 1737 (Compositae)
- C. douglasii*, Hall
V. chrysanthemum stunt Brierley, Philip, 1953
- V. tomato aspermy Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- C. drummondii*, Torr. & Gray
V. chrysanthemum stunt Brierley, Philip, 1953
- V. cucumber mosaic Wellman, F.L., 1935
- C. grandiflora*, Nutt.
V. tobacco etch Holmes, Francis O., 1946
- C. lanceolata*, L.
V. chrysanthemum stunt Brierley, Philip, 1953
- V. dahlia mosaic Brierley, Philip and Floyd F. Smith, 1950
- C. tinctoria*, Nutt.
V. cucumber mosaic Wellman, F.L., 1935
- CORTADERIA** Stapf 1897 (Gramineae)
- C. selloana*, (Schult.) Aschers. & Graebn.
V. wheat streak mosaic Sill, W.H., Jr. and Patrick C. Agusibio, 1955
- CORYDALIS** Vent. Choix, 19 1803, in nota;
- C. lutea*, DC. (Fumariaceae)
- V. turnip crinkle Broadbent, L. and G.D. Heathcote, 1958

- COSMOS* Cav. 1791 (Compositae)
C. bipinnatus, Cav.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
 V. cucumber mosaic
 Wellman, F. L., 1935
 V. dahlia mosaic
 Brierley, Philip and Floyd F. Smith, 1950
 V. squash mosaic
 Freitag, J. H., 1956
C. diversifolius, Otto
 V. tobacco ring spot
 Wingard, S. A., 1928
C. sulphureus, Cav.
 V. tomato aspermum
 Brierley, Philip, Floyd F. Smith and S. P. Doolittle, 1955
- COTONEASTER* Rupp. 1745 (Rosaceae)
C. franchetii, Bois
 V. lucerne dwarf
 Freitag, J. H., 1951
- CRASSINA* Scopin 1758 (Compositae)
C. elegans, Kuntze
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 V. papaw mosaic
 Adsuar, Jose, 1950
- CROCUS* ((Tourn.)) L. 1735 (Iridaceae)
C. spp.
 V. wheat streak mosaic
 Sill, W. H., Jr. and Patrick C. Agusiobo, 1955
- CROTALARIA* Dill. ex L. 1737 (Leguminosae)
C. capensis, Jacq.
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
- C. incana*, L.
 V. papaw ring spot
 Jensen, D. D., 1949
- C. intermedia*, Kotschy
 V. prunus B *
 Fulton, Robert W., 1957
 V. tobacco ring spot
 Cooper, W. E., 1949
- C. juncea*, L.
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S. P. Raychaudhuri, 1956
 V. datura distortion mosaic
 Kapoor, S. P. and P. M. Varma, 1952
- C. mucronata*, Desv.
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S. P. Raychaudhuri, 1956
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus B *
 Fulton, Robert W., 1957
 V. tobacco mosaic
 Das, C. R. and S. P. Raychaudhuri, 1953
- C. retusa*, L.
 V. alsike clover mosaic
 Zaumeyer, W. J., 1940
 V. bean yellow mosaic
 Zaumeyer, W. J., 1940
 V. cowpea mosaic
 Kapoor, S. P. and P. M. Varma, 1956
 V. pea mosaic
 Murphy, D. M. and W. H. Pierce, 1937
- C. spectabilis*, Roth
 V. alsike clover mosaic
 Zaumeyer, W. J., 1940
 V. bean southern mosaic
 Zaumeyer, W. J. and L. L. Harter, 1943
 V. bean yellow mosaic
 Conover, Robert A., 1948
 V. cucumber mosaic
 Anderson, C. W., 1955
 Wellman, F. L., 1935
 V. prunus A *
 Fulton, Robert W., 1957
- C. spectabilis, Roth (cont.)
 V. prunus E *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
 V. soybean mosaic
 Conover, Robert A., 1948
- C. spp.*
 V. cucumber mosaic
 Wellman, F. L., 1935
- C. striata*, DC.
 V. abutilon infectious variegation
 Bird, Julio, 1958
- CUCUMIS* ((Tourn.)) L. 1735 (Cucurbitaceae)
C. anguria, L.
 V. tomato ring spot
 Samson, R. W. and E. P. Imle, 1942
- C. melo*, L.
 V. beet curly top
 Carsner, E., 1919
 V. cabbage ring necrosis
 Larson, R. H. and J. C. Walker, 1941
 V. canna mosaic
 Castillo, B. S., C. E. Yarwood and A. H. Gold, 1956
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S. P. Raychaudhuri, 1956
 V. cucumber mosaic
 Govier, D. A., 1957
 V. (cucumber) O. S. C. isolate 606 *
 Porter, Clark A. and Frank P. McWhorter, 1951
 V. stone fruit *
 Boyle, J. S., J. Duain Moore and G. W. Keitt, 1954
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Doolittle, S. P. and F. S. Beecher, 1942
 Holmes, Francis O., 1946
 V. tomato ring spot
 Samson, R. W. and E. P. Imle, 1942
- C. prophetarum*, L.
 V. prunus B *
 Fulton, Robert W., 1957
- C. sativus*, L.
 V. anemone brown ring *
 Hollings, M., 1958
 V. anemone mosaic *
 Hollings, M., 1957
 V. barley stripe mosaic
 McKinney, H. H., 1953
 Sill, W. H., Jr. and E. D. Hansing, 1955
 V. bean common mosaic
 Ainsworth, G. C., 1940
 Doolittle, S. P. and W. W. Gilbert, 1918
 V. bean pod mottle
 Zaumeyer, W. J. and H. Rex Thomas, 1948
 V. bean southern mosaic
 Zaumeyer, W. J. and L. L. Harter, 1943
 V. bean yellow mosaic
 Ainsworth, G. C., 1940
 Grogan, Raymond G. and J. C. Walker, 1948
 Hagedorn, D. J. and J. C. Walker, 1950, 1953
 Thomas, H. Rex and W. J. Zaumeyer, 1953
 Zaumeyer, W. J. and H. H. Fisher, 1953
 V. bean yellow stipple
 Zaumeyer, W. J. and H. Rex Thomas, 1950
 V. beet curly top
 Carsner, E., 1919
 V. beet mosaic
 Bennett, C. W., 1949
 Pound, Glenn S., 1947
 Severin, Henry H. P. and Roger M. Drake, 1948
 V. beet yellow net
 Sylvester, Edward S., 1948
 V. beet yellow wilt
 Bennett, C. W. and Carlos Munck, 1946
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. broad bean mottle
 Yu, T. F., 1939
 V. cabbage black ring spot
 Tompkins, C. M., M. W. Gardner and H. Rex Thomas, 1938

- Cucumis sativus*, L. (cont.)
- V. cacao swollen shoot
Tinsley, T.W. and A.L. Wharton, 1958
 - V. canna mosaic
Brierley, Philip and Floyd F. Smith, 1948
Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
Celino, M.S. and G.O. Ocfemia, 1941
 - V. carnation mosaic
Brierley, Philip and Floyd F. Smith, 1955, 1957
 - V. cauliflower mosaic
Alvarez-Garcia, L.A., 1951
 - V. celery mosaic
Freitag, Julius H. and Henry H.P. Severin, 1945
Severin, Henry H.P. and Julius H. Freitag, 1938
 - V. chilli (pepper) mosaic
Dale, W.T., 1954
 - V. chilli veinbanding
Simons, John N., 1956
 - V. chrysanthemum B (mild mosaic) *
Hollings, M., 1957
 - V. chrysanthemum latent *
Hollings, M., 1957
 - V. chrysanthemum stunt
Keller, John R., 1953
 - V. cineraria mosaic
Jones, Leon K., 1944
 - V. citrus tristeza
Knorr, L.C., 1956
 - V. cowpea mosaic
Anderson, C.W., 1955
Capoor, S.P. and P.M. Varma, 1956
Dale, W.T., 1949
McLean, D.M., 1941
Yu, T.F., 1946
 - V. cucumber mosaic
McWhorter, F.P. and H.H. Millsap, 1954
Peterson, Paul D. and H.H. McKinney, 1938
 - V. dahlia mosaic
Brierley, Philip and Floyd F. Smith, 1950
 - V. datura distortion mosaic
Capoor, S.P. and P.M. Varma, 1952
 - V. eggplant mosaic
Ferguson, I.A.C., 1951
 - V. filaree red leaf
Frazier, Norman W., 1951
 - V. gladiolus *
Snow, Gordon F., 1955
 - V. lettuce mosaic
Ainsworth, G.C., 1940
Ainsworth, G.C. and L. Ogilvie, 1939
 - V. lucerne mosaic
Berkeley, G.H., 1947
Johnson, E.M., 1946
Kreitlow, K.W. and W.C. Price, 1949
Zaumeyer, W.J., 1938, 1953
 - V. nicotiana glutinosa root necrosis *
Cetas, Robert C. and A. Frank Ross, 1952
 - V. nothoscordum mosaic
McKinney, H.H., 1950
 - V. onion yellow dwarf
Henderson, D.M., 1953
Henderson, W.J., 1935
 - V. orchid (*odontoglossum*) ring spot
Jensen, D.D. and A. Herbert Gold, 1951
 - V. orchid (vanda) mosaic
Murakishi, Harry H., 1952
 - V. papaw mosaic
Adsuar, Jose, 1950
 - V. papaw ring spot
Jensen, D.D., 1949
 - V. pea enation mosaic
Ainsworth, G.C., 1940
Simons, John N., 1954
 - V. pea mosaic
Ainsworth, G.C., 1940
Murphy, D.M. and W.H. Pierce, 1937
 - V. pea streak
Zaumeyer, W.J., 1938
 - V. pea wilt
Johnson, Folke, 1942
 - V. pea yellow mosaic *
Ainsworth, G.C., 1940
 - V. pelargonium ring spot *
Hollings, M., 1957
- C. sativus*, L. (cont.)
- V. pokeweed mosaic *
Doolittle, S.P. and W.W. Gilbert, 1918
 - V. potato A
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - V. potato Y
Alvarez-Garcia, L.A. and Jose Adsuar, 1943
Bald, J.G. and D.O. Norris, 1945
Johnson, E.M., 1930
Roque, Arturo and Jose Adsuar, 1941
 - V. potato yellow dwarf
Hougas, R.W., 1951
 - V. primula mosaic
Severin, Henry H.P. and C.M. Tompkins, 1950
Tompkins, C.M. and John T. Middleton, 1941
 - V. radish mosaic
Tompkins, C.M., 1939
 - V. red clover vein mosaic
Hagedorn, D.J. and E.W. Hanson, 1951
Hagedorn, D.J. and J.C. Walker, 1949, 1954
Roberts, D.A., 1957
 - V. spinach yellow dwarf
Severin, Henry H.P. and Donald H. Little, 1947
 - V. sweet potato feathery mottle
Doolittle, S.P. and L.L. Harter, 1945
Webb, Raymond E., 1954
 - V. sweet potato mosaic
Borders, H.I. and T.J. Ratcliff, 1954
 - V. teasel mosaic
Stoner, Warren N., 1951
 - V. tobacco coarse etch
Johnson, E.M., 1930
 - V. tobacco etch
Anderson, C.W., 1954
Bennett, C.W., 1944
Holmes, Francis O., 1946
Johnson, E.M., 1930
 - V. tobacco green mosaic
Peterson, Paul D. and H.H. McKinney, 1938
 - V. tobacco mosaic
Ainsworth, G.C., 1933, 1937
Doolittle, S.P. and F.S. Beecher, 1942
Doolittle, S.P. and W.W. Gilbert, 1918
Holmes, Francis O., 1941, 1946
Jarrett, Phyllis H., 1930
Johnson, E.M., 1930
Peterson, Paul D. and H.H. McKinney, 1938
Stover, W.G. and M.T. Vermillion, 1933
 - V. tomato aspermy
Blencowe, J.W. and John Caldwell, 1949
 - V. tomato ring spot
Samson, R.W. and E.P. Imle, 1942
 - V. tomato spotted wilt
Ainsworth, G.C., 1940
 - V. turnip mosaic
Tompkins, C.M., 1938, 1939
Tompkins, C.M. and H. Rex Thomas, 1938
 - V. turnip rosette *
Broadbent, L. and G.D. Heathcote, 1958
 - V. turnip yellow mosaic
Broadbent, L. and G.D. Heathcote, 1958
 - V. Wisconsin pea streak
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- CUCURBITA* ((*Tourn.*)) L. 1735 (Cucurbitaceae)
(*PEPO*) ((*Tourn.*)) L. 1735
- C. lagenaria, L.
 - V. cucumber mosaic
Adsuar, Jose and A. Cruz Miret, 1950
 - V. papaw mosaic
Adsuar, Jose, 1950
 - C. maxima, Dcne.
 - V. dodder latent mosaic
Bennett, C.W., 1944
 - V. orchid (*cymbidium*) mosaic
Jensen, D.D., 1951
 - V. orchid (*odontoglossum*) ring spot
Jensen, D.D. and A. Herbert Gold, 1951
 - V. pea mosaic
Murphy, D.M. and W.H. Pierce, 1937
 - V. peach ring spot
Hobbs, Gordon A., 1951

- Cucurbita maxima*, Dcne. (cont.)
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
C. moschata, Dcne.
 V. (cucumber) O.S.C. isolate 606 *
 Porter, Clark A. and Frank P. McWhorter, 1951
 V. onion yellow dwarf
 Henderson, W.J., 1935
 V. papaw mosaic
 Adsuar, Jose, 1950
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
C. pepo, L.
 V. beet mosaic
 Pound, Glenn S., 1947
 V. celery mosaic
 Freitag, Julius H. and Henry H.P. Severin, 1945
 V. chilli (pepper) mosaic
 Dale, W.T., 1954
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. cowpea mosaic
 Kapoor, S.P. and P.M. Varma, 1956
 V. cucumber green mottle mosaic
 Ainsworth, G.C., 1935
 V. dodder latent mosaic
 Bennett, C.W., 1944
 V. eggplant mosaic
 Dale, W.T., 1954
 Ferguson, I.A.C., 1951
 V. filaree red leaf
 Frazier, Norman W., 1951
 V. maize leaf fleck
 Stoner, Warren N., 1952
 V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
 V. papaw mosaic
 Adsuar, Jose, 1950
 V. primula mosaic
 Severin, Henry H.P. and C.M. Tompkins, 1950
 V. prunus G *
 Fulton, Robert W., 1957
 V. red currant ring spot
 Klessner, P.J., 1951
 V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 V. sweet potato mosaic
 Borders, H.I. and T.J. Ratcliff, 1954
 V. teasel mosaic
 Stoner, Warren N., 1951
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tomato aspermy
 Hollings, M., 1955
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
C. pepo var. *melopepo*, (L.) Alef. (*condensa*, Bailey)
 V. chilli veinbanding
 Simons, Jons N., 1956
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
- CUSCUTA* ((Tourn.)) L. 1735 (Convolvulaceae)
- C. americana*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
- C. californica*, Choisy
 V. beet curly top
 Bennett, C.W., 1944, 1951, 1955
 Lackey, C.F., 1941
 Lackey, C.F. and C.W. Bennett, 1949
- C. californica*, Choisy (cont.)
 V. beet mosaic
 Bennett, C.W., 1944
 V. beet rosette *
 Bennett, C.W. and James E. Duffus, 1957
 V. beet yellow vein disease *
 Bennett, C.W., 1944, 1956
 V. citrus psoriasis
 Bennett, C.W., 1944
 V. cucumber mosaic
 Bennett, C.W., 1940, 1944
 V. dodder latent mosaic
 Bennett, C.W., 1944
 V. peach mosaic
 Bennett, C.W., 1944
 V. tobacco etch
 Bennett, C.W., 1944
 V. tobacco mosaic
 Bennett, C.W., 1944
 V. tomato ring spot
 Bennett, C.W., 1944
 V. tomato spotted wilt
 Bennett, C.W., 1944
 V. turnip mosaic
 Bennett, C.W., 1944
- C. campestris*, Yuncker
 V. apple mosaic
 Yarwood, C.E., 1955
 V. asclepias yellows *
 Kunkel, L.O., 1950
 V. aster yellows
 Brierley, Philip and Floyd F. Smith, 1957
 Fulton, J.P., 1957
 Johnson, Folke, 1941
 V. bayberry yellows
 Raychaudhuri, S.P., 1952, 1953
 V. beet curly top
 Bennett, C.W., 1944
 Johnson, Folke, 1941
 V. beet mosaic
 Bennett, C.W., 1944
 V. beet rosette *
 Bennett, C.W. and James E. Duffus, 1957
 V. beet yellow vein disease *
 Bennett, C.W., 1944, 1956
 V. beet yellow wilt
 Bennett, C.W. and Carlos Munck, 1946
 V. citrus psoriasis
 Bennett, C.W., 1944
 V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
 V. clover witches' broom *
 Frazier, N.W. and A.F. Posnette, 1957
 V. cucumber green mottle mosaic
 Johnson, Folke, 1941
 V. cucumber mosaic
 Bennett, C.W., 1944
 Costa, A.S., 1944
 V. cucurbit mosaic *
 Johnson, Folke, 1941
 V. dodder latent mosaic
 Bennett, C.W., 1944
 V. lilac witches' broom
 Brierley, Philip, 1955
 V. lucerne mosaic
 Kreitlow, K.W. and W.C. Price, 1949
 V. lucerne witches' broom
 Helms, Katie, 1957
 Kunkel, L.O., 1952
 V. pea mottle
 Johnson, Folke, 1942
 V. pea wilt
 Johnson, Folke, 1942
 V. peach mosaic
 Bennett, C.W., 1944
 V. peach western X disease
 Weathers, Lewis G. and George W. Cochran, 1950
 V. peach X disease
 Hildebrand, E.M., 1953
 Kunkel, L.O., 1944
 V. potato stem mottle
 Van der Want, J.P.H., 1955
 V. rose mosaic
 Fulton, Robert W., 1952

- Cuscuta campestris*, Yuncker (cont.)
- V. stone fruit *
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 - V. strawberry green petal
Frazier, N.W. and A.F. Posnette, 1957
 - V. strawberry mottle
Demaree, J.B. and C.P. Marcus, 1951
 - V. tobacco etch
Bennett, C.W., 1944
 - V. tobacco mosaic
Bennett, C.W., 1944
Cochran, G.W., 1946
Costa, A.S., 1944
Johnson, Folke, 1941
 - V. tobacco ring spot
Johnson, Folke, 1941
 - V. tomato aspermy
Brierley, Philip and Floyd F. Smith, 1957
 - V. tomato big bud
Helms, Katie, 1957
Hill, A.V. and M. Mandryk, 1954
Kunkel, L.O., 1951
 - V. tomato bushy stunt
Johnson, Folke, 1941
 - V. tomato ring spot
Bennett, C.W., 1944
 - V. tomato spotted wilt
Bennett, C.W., 1944
 - V. turnip mosaic
Bennett, C.W., 1944
 - V. vaccinium false blossom
Costa, A.S., 1944
Kunkel, L.O., 1943, 1945
- C. epiphyllum*, Murr.
- V. beet yellows
Roland, G. and J. Tahon, 1961
- C. europaea*, L.
- V. clover witches' broom *
Frazier, N.W. and A.F. Posnette, 1957
 - V. strawberry green petal
Frazier, N.W. and A.F. Posnette, 1957
- C. gronovii*, Willd.
- V. chrysanthemum stunt
Keller, John R., 1953
 - V. rose mosaic
Fulton, Robert W., 1952
 - V. strawberry mottle
Smith, Harlan E. and J. Duain Moore, 1952
- C. indecora*, Choisy
- V. citrus tristeza
Bennett, C.W. and A.S. Costa, 1949
- C. reflexa*, Roxb.
- V. hibiscus yellow vein mosaic
Capoor, S.P. and P.M. Varma, 1950
- C. sandwichiana*, Choisy
- V. cucumber mosaic
Sakimura, K., 1947
- C. spp.*
- V. aster yellows
Self, R.L. and H.M. Darling, 1949
 - V. raspberry streak
Horn, Norman L., 1948
 - V. vaccinium ring spot
Hilborn, M.T. and Reiner Bonde, 1956
 - V. vinca yellows *
Maramorosch, Karl, 1957
- C. subinclusa*, Dur. & Hilg.
- V. apple mosaic
Yarwood, C.E., 1955
Yarwood, C.E. and H.E. Thomas, 1954
 - V. bayberry yellows
Raychaudhuri, S.P., 1953
 - V. beet curly top
Bennett, C.W., 1940, 1944
Fulton, Robert W., 1955
Giddings, N.J., 1947
Lackey, C.F. and C.W. Bennett, 1949
 - V. beet mosaic
Bennett, C.W., 1940, 1944
 - V. beet rosette *
Bennett, C.W. and James E. Duffus, 1957
 - V. beet yellow vein disease *
Bennett, C.W., 1944, 1956
- C. subinclusa*, Dur. & Hilg. (cont.)
- V. beet yellow wilt
Bennett, C.W. and Carlos Munck, 1946
 - V. citrus psoriasis
Bennett, C.W., 1944
 - V. citrus tristeza
Bennett, C.W. and A.S. Costa, 1949
 - V. clover witches' broom *
Frazier, N.W. and A.F. Posnette, 1957
 - V. cucumber mosaic
Bennett, C.W., 1940, 1944
 - V. dodder latent mosaic
Bennett, C.W., 1944
 - V. lilac witches' broom
Brierley, Philip, 1955
 - V. peach mosaic
Bennett, C.W., 1944
 - V. peach western X disease
Weathers, Lewis G. and George W. Cochran, 1950
 - V. peach X disease
Slack, Derald A., 1952
 - V. potato stem mottle
Van der Want, J.P.H., 1955
 - V. raspberry streak
Horn, N.L. and M.W. Woods, 1949
 - V. rose mosaic
Fulton, Robert W., 1952
 - V. strawberry crinkle
Smith, Harlan E. and J. Duain Moore, 1952
 - V. strawberry green petal
Frazier, N.W. and A.F. Posnette, 1957
 - V. strawberry mottle
Smith, Harlan E. and J. Duain Moore, 1952
 - V. strawberry, type 2 *
Smith, Harlan E. and J. Duain Moore, 1952
 - V. tobacco etch
Bennett, C.W., 1944
 - V. tobacco mosaic
Bennett, C.W., 1940, 1944
 - V. tomato ring spot
Bennett, C.W., 1944
 - V. tomato spotted wilt
Bennett, C.W., 1944
 - V. turnip mosaic
Bennett, C.W., 1944
 - V. vaccinium stunt
Hutchinson, M.T., A.C. Goheen and E.H. Varney, 1955
 - V. vinca yellows *
Maramorosch, Karl, 1956
- CYAMOPSIS DC.* 1825 (Leguminosae)
- C. psoraloides*, DC.
- V. pigeon pea sterility mosaic
Capoor, S.P., 1952
- C. tetragonoloba*, (L.) Taub.
- V. beet yellows
Roland, G. and J. Tahon, 1961
 - V. chilli (pepper) mosaic
Jha, Ashrafi and S.P. Raychaudhuri, 1956
 - V. hydrangea ring spot
Brierley, Philip and Paul Lorentz, 1956, 1957
 - V. prunus B *
Fulton, Robert W., 1957
- CYCLAMEN* ((Tourn.)) L. 1735 (Primulaceae)
- C. persicum*, Mill. (*C. indicum*, Auct.)
- V. beet yellows
Roland, G. and J. Tahon, 1961
 - V. orchid (cymbidium) mosaic
Jensen, D.D., 1951
 - V. primula mosaic
Tompkins, C.M. and John T. Middleton, 1941
- CYMBIDIUM* Sw. 1799 (Orchidaceae)
- C. spp.*
- V. orchid (odontoglossum) ring spot
Jensen, D.D. and A. Herbert Gold, 1951
- CYNARA* Vaill. ex L. 1737 (Compositae)
- C. cardunculus*, L.
- V. chrysanthemum stunt
Brierley, Philip, 1953

- Cynara cardunculus*, L. (cont.)
 V. *dahlia* mosaic
 Brierley, Philip and Floyd F. Smith, 1950
- C. scolymus*, L.
 V. orchid (odontoglossum) ring spot
 Jensen, D.D. and A. Herbert Gold, 1951
- CYNODON* Rich. 1805 (Gramineae)
C. dactylon, (L.) Pers.
 V. cucumber mosaic
 Wellman, F.L., 1935
- CYNOGLOSSUM* ((Tourn.)) L. 1735 (Boraginaceae)
C. amabile, Stapf & Drum.
 V. *prunus* E *
 Fulton, Robert W., 1957
- V. *prunus* G *
 Fulton, Robert W., 1957
- V. squash mosaic
 Freitag, J.H., 1956
- V. tobacco etch
 Holmes, Francis O., 1946
- CYPERUS* ((Mich.)) L. 1735 (Cyperaceae)
C. alternifolius, L.
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- C. compressus*, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
- C. esculentus*, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
- V. *panicum* mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
- V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- CYPHOMANDRA* Mart. ex Sendtn. 1845 (Solanaceae)
C. betacea, (Cav.) Sendt.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- CYPRIPEDIUM* L. 1735 (Orchidaceae)
C. spp.
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- DACTYLIS* L. 1742 (Gramineae)
D. glomerata, L.
 V. maize streak
 Finley, A.M., 1954
- V. *panicum* mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
- V. tobacco ring spot
 Wingard, S.A., 1928
- V. wheat streak mosaic
 Finley, A.M., 1957
- Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- DAHLIA* Cav. 1791 (Compositae)
D. merckii, Lehm.
 V. tobacco ring spot
 Wingard, S.A., 1928
- D. pinnata*, Cav.
 V. anemone mosaic *
 Hollings, M., 1957
- V. beet mosaic
 Pound, Glenn S., 1947
- V. beet yellow net
 McLean, D.M., 1952
- V. *chrysanthemum* B (mild mosaic) *
 Hollings, M., 1957
- V. cucumber mosaic
 Wellman, F.L., 1935
- V. *datura* distortion mosaic
 Kapoor, S.P. and P.M. Varma, 1952
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- D. *pinnata*, Cav. (cont.)
 V. *tomato* aspermy
 Brierley, Philip, Floyd F. Smith and S.P.
 Doolittle, 1955
- Hollings, M., 1955
- D. spp.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- D. *variabilis*, (Willd.) Desf.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1950
- V. red currant ring spot
 Klessner, P.J., 1951
- DAPHNE* Tourn. ex L. 1735 (Thymelaeaceae)
D. cneorum, L.
 V. cucumber mosaic
 Milbrath, J.A. and Roy A. Young, 1956
- DATURA* L. 1735 (Solanaceae)
D. aegyptiaca, Vesl.
 V. potato A
 MacLachlan, D.S., R.H. Larson and J.C. Walker,
 1953
- V. potato Y
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
- D. alba*, Nees
 V. *hibiscus* yellow vein mosaic
 Kapoor, S.P. and P.M. Varma, 1950
- D. bernhardii*, Lund.
 V. potato A
 MacLachlan, D.S., R.H. Larson and J.C. Walker,
 1953
- D. chlorantha*, Hook.
 V. potato A
 MacLachlan, D.S., R.H. Larson and J.C. Walker,
 1953
- D. fastuosa*, L.
 V. potato A
 MacLachlan, D.S., R.H. Larson and J.C. Walker,
 1953
- V. potato Y
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
- V. tobacco mosaic
 Allard, H.A., 1916
- D. ferox*, L.
 V. potato A
 MacLachlan, D.S., R.H. Larson and J.C. Walker,
 1953
- D. inoxia*, Mill.
 V. cowpea mosaic
 Kapoor, S.P. and P.M. Varma, 1956
- V. pigeon pea sterility mosaic
 Kapoor, S.P., 1952
- D. metel*, L.
 V. beet mosaic
 Pound, Glenn S., 1947
- V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- V. potato A
 MacLachlan, D.S., R.H. Larson and J.C. Walker,
 1953
- D. metelooides*, DC.
 V. beet curly top
 Bennett, C.W., Eubanks Carsner, F.H. Coons and
 E.W. Brandes, 1946
- Giddings, N.J., C.W. Bennett and A.L. Harrison,
 1951
- V. beet mosaic
 Bennett, C.W., 1949
- V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- V. dodder latent mosaic
 Bennett, C.W., 1944
- V. orchid (cymbidium) mosaic
 Jensen, D.D. and A.H. Gold, 1955
- V. potato A
 MacLachlan, D.S., R.H. Larson and J.C. Walker,
 1953

- Datura meteloides, DC. (cont.)
 V. potato Y
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
 V. tobacco ring spot
 Cooper, W.E., 1949
 D. spp.
 V. beet curly top
 Bennett, C.W. and A.S. Costa, 1949
 V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
 Knorr, L.C., 1956
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 D. stramonium, L.
 V. abutilon infectious variegation
 Bird, Julio, 1958
 V. alsike clover mosaic
 Zaumeyer, W.J., 1940
 V. anemone brown ring *
 Hollings, M., 1958
 V. anemone mosaic *
 Hollings, M., 1957
 V. bayberry yellows
 Raychaudhuri, S.P., 1953
 V. bean pod mottle
 Zaumeyer, W.J. and H. Rex Thomas, 1948
 V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
 V. bean yellow mosaic
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
 Thomas, H. Rex and W.J. Zaumeyer, 1953
 Zaumeyer, W.J., 1940
 V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
 V. beet curly top
 Bennett, C.W., Eubanks Carsner, F.H. Coons and E.W. Brandes, 1946
 V. beet mosaic
 Bennett, C.W., 1949
 Severin, Henry H.P. and Roger M. Drake, 1947
 V. beet yellow net
 Sylvester, Edward S., 1948
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. broad bean mottle
 Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
 V. cauliflower mosaic
 Alvarez-Garcia, L.A., 1951
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. celery mosaic
 Freitag, Julius H. and Henry H.P. Severin, 1945
 V. chilli veinbanding
 Simons, John N., 1956
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. chrysanthemum ring spot
 Brierley, Philip and Floyd F. Smith, 1955
 V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
 V. cowpea mosaic
 McLean, D.M., 1941
 Yu, T.F., 1946
 V. cucumber green mottle mosaic
 Ainsworth, G.C., 1935
 V. cucumber mosaic
 Burnett, G., 1934
 Harter, L.L., 1938
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 McKnight, T., 1953
 Vasudeva, R. Sahai and T.B. Lal, 1943
 V. dodder latent mosaic
 Bennett, C.W., 1944
 V. hydrangea ring spot
 Brierley, Philip and Paul Lorentz, 1957
 D. stramonium, L. (cont.)
 V. lettuce mosaic
 Ainsworth, G.C. and L. Ogilvie, 1939
 V. muskmelon mosaic
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. nicotiana glutinosa root necrosis *
 Cetas, Robert C. and A. Frank Ross, 1952
 V. nothoscordum mosaic
 McKinney, H.H., 1950
 V. onion yellow dwarf
 Henderson, D.M., 1953
 V. orchid (odontoglossum) ring spot
 Jensen, D.D. and A. Herbert Gold, 1951
 V. papaw mosaic
 Adsuar, Jose, 1950
 V. pea mottle
 Johnson, Folke, 1942
 V. pea streak
 Zaumeyer, W.J., 1938
 V. pea wilt
 Johnson, Folke, 1942
 V. pokeweed mosaic *
 Allard, H.A., 1918
 V. potato spindle tuber
 Goss, R.W., 1931
 V. potato Y
 Anderson, C.W. and M.K. Corbett, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 Bald, J.G. and D.O. Norris, 1945
 Bawden, F.C. and B. Kassanis, 1951
 Bawden, F.C. and F.M.L. Sheffield, 1944
 Cockerham, George, 1943
 Conover, Robert A. and Robert W. Fulton, 1953
 Dennis, R.W.G., 1939
 Dykstra, T.P., 1933
 Johnson, E.M., 1930
 Jones, Leon K. and C.L. Vincent, 1937
 Koch, K.L., 1933
 Roque, Arturo and Jose Adsuar, 1941
 Smith, Kenneth M. and R.W.G. Dennis, 1940
 Vasudeva, R. Sahai and T.B. Lal, 1945
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
 V. radish mosaic
 Tompkins, C.M., 1939
 V. red clover vein mosaic
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
 V. squash mosaic
 Freitag, J.H., 1956
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 V. sweet potato feathery mottle
 Doolittle, S.P. and L.L. Harter, 1945
 V. tobacco leaf curl
 Bird, Julio, 1957
 V. tobacco ring spot
 Fenne, S.B., 1931
 V. tomato aspermy
 Blencowe, J.W. and John Caldwell, 1949
 V. turnip mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
 V. watermelon mosaic
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 D. stramonium var. chalybea, Koch *
 V. potato Y
 Sakimura, K., 1953
 D. stramonium var. tatula, (L.) Torr.
 V. beet yellows
 Roland, G. and J. Tahon, 1961

- Datura stramonium, L., var. *tatula*, (L.) Torr. (cont.)
 V. potato Y
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
 Dykstra, T.P., 1933
 sweet potato feathery mottle
 Webb, Raymond E., 1954
- DAUCUS ((Tourn.)) L. 1735 (Umbelliferae)
 D. carota, L.
 V. beet mosaic
 Pound, Glenn S., 1947
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. dodder latent mosaic
 Bennett, C.W., 1944
 V. lovage mosaic
 Smith, Kenneth M. and Roy Markham, 1944
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1938
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- D. carota var. sativa, DC.
 V. squash mosaic
 Freitag, J.H., 1956
 V. tobacco ring spot
 Wingard, S.A., 1928
- DELPHINIUM Tourn. ex L. 1735 (Ranunculaceae)
 D. ajacis, L.
 V. beet mosaic
 Pound, Glenn S., 1947
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
 V. turnip mosaic
 Tompkins, C.M., 1928, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
- D. cultorum, Voss
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. turnip mosaic
 Tompkins, C.M., 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
- D. grandiflorum, L.
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- D. hybrid
 V. beet curly top
 Severin, Henry H.P., 1942
- D. hybridum, Steph.
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- D. spp.
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
 V. squash mosaic
 Freitag, J.H., 1956
- DENDROPOGON Raf. 1825 (Bromeliaceae)
 D. usneoides, (L.) Raf.
 V. cucumber mosaic
 Wellman, F.L., 1935
- DESCHAMPSIA Beauv. 1812 (Gramineae)
 D. caespitosa, (L.) Beauv.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- D. danthonioides, (Trin.) Munro
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
- DESMODIUM Desv. 1813 (Leguminosae)
 D. incanum, DC.
 V. cucumber mosaic
 Anderson, C.W., 1955
- DESPLATZIA Bocquill. 1866-67 (Tiliaceae)
 D. deweuvrei, (DeWild. & Th. Dur.) Burret *
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- D. lutea, A. Chev.
 V. cacao swollen shoot
 Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
- DIANTHUS L. 1735 (Caryophyllaceae)
 D. barbatus, L.
 V. anemone brown ring *
 Hollings, M., 1958
 V. anemone mosaic *
 Hollings, M., 1957
 V. beet mosaic
 Pound, Glenn S., 1947
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. chrysanthemum latent *
 Hollings, M., 1957
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. peony leaf curl *
 Brierley, Philip and Paul Lorentz, 1957
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
 V. radish mosaic
 Tompkins, C.M., 1939
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tobacco necrosis
 Kassanis, B., 1955
 V. tobacco ring spot
 Wingard, S.A., 1928
 V. tomato aspermy
 Hollings, M., 1955
 V. turnip mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
- D. caryophyllus, L.
 V. aster yellows
 Smith, Floyd F. and Philip Brierley, 1953
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. citrus tristeza
 Knorr, L.C., 1956
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
 V. squash mosaic
 Freitag, J.H., 1956
 V. tobacco necrosis
 Kassanis, B., 1955
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 Hollings, M., 1955
 V. turnip mosaic
 Tompkins, C.M., 1939

- Dianthus chinensis*, L.
- V. beet yellows
Roland, G. and J. Tahon, 1961
 - V. tobacco etch
Holmes, Francis O., 1946
 - V. tobacco mosaic
Holmes, Francis O., 1946
 - V. tomato aspermy
Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- D. deltoides*, L.
- V. pea mosaic
Murphy, D.M. and W.H. Pierce, 1937
- D. plumarius*, L.
- V. cucumber mosaic
Wellman, F.L., 1935
 - V. tobacco ring spot no. 2
Brierley, Philip, 1954
- D. superbus*, L.
- V. bean pod mottle
Zaumeyer, W.J. and H. Rex Thomas, 1948
- DIGITALIS* ((*Tourn.*)) L. 1735 (Scrophulariaceae)
- D. purpurea*, L.
- V. beet mosaic
Pound, Glenn S., 1947
 - V. cauliflower mosaic
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - V. cucumber mosaic
Wellman, F.L., 1935
 - V. pea mosaic
Murphy, D.M. and W.H. Pierce, 1937
 - V. squash mosaic
Freitag, J.H., 1956
 - V. tobacco etch
Holmes, Francis O., 1946
- DIGITARIA* Heist. ex Adans. 1763 (Gramineae)
- D. horizontalis*, Willd.
- V. sugarcane streak
Storey, H.H. and A.P.D. McClean, 1930
- D. macrobachne*, (Presl) Henr. *
- V. rice and corn leaf-gall *
Agati, Julian A. and Carlos A. Calica, 1950
- D. sanguinalis*, (L.) Scop.
- V. agropyron mosaic
Slykhuis, J.T., 1952
 - V. barley yellow dwarf
Oswald, John W. and Byron R. Houston, 1953
 - V. rice and corn leaf-gall *
Agati, Julian A. and Carlos A. Calica, 1950
 - V. wheat spot mosaic *
Slykhuis, John T., 1956
- DIMORPHOTHECA* Vaill. ex L. 1735 (Compositae)
- D. aurantiaca*, DC.
- V. cauliflower mosaic
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - V. celery mosaic
Freitag, Julius H. and Henry H.P. Severin, 1945
 - V. radish mosaic
Tompkins, C.M., 1939
 - V. turnip mosaic
Tompkins, C.M., 1938, 1939
Tompkins, C.M. and H. Rex Thomas, 1938
- D. sinuata*, DC.
- V. squash mosaic
Freitag, J.H., 1956
- DIOSCOREA* Plum. ex L. 1737 (Dioscoreaceae)
- D. alata*, L.
- V. cucumber mosaic
Brierley, Philip and Floyd F. Smith, 1944
 - V. lily symptomless
Brierley, Philip and Floyd F. Smith, 1944
 - V. tulip breaking
Brierley, Philip and Floyd F. Smith, 1944
- D. bulbifera*, L.
- V. cucumber mosaic
Wellman, F.L., 1935
- DIPLACUS* Nutt. 1838 (Scrophulariaceae)
- D. aurantiacus*, Hort. ex Vilmorin's Blumeng
- V. lucerne dwarf
Freitag, J.H., 1951
- DISTICHLIS* Raf. 1819 (Gramineae)
- D. spicata*, (L.) Greene
- V. lucerne dwarf
Freitag, J.H., 1951
- DITHYREAA* Harv. 1845 (Cruciferae)
- D. wislizenii*, Engelm.
- V. beet yellows
Roland, G. and J. Tahon, 1961
- DOLICHOS* L. 1737 (Leguminosae)
- D. biflorus*, L.
- V. cowpea mosaic
Capoor, S.P. and P.M. Varma, 1956
- D. lablab*, L.
- V. bean common mosaic
Nelson, Ray, 1932
Reddick, D. and V.B. Stewart, 1919
Zaumeyer, W.J. and B.L. Wade, 1935
 - V. bean yellow mosaic
Zaumeyer, W.J. and H.H. Fisher, 1953
Zaumeyer, W.J. and B.L. Wade, 1935
 - V. broad bean mottle
Yu, T.F., 1939
 - V. cauliflower mosaic
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - V. chilli (pepper) mosaic
Jha, Ashrafi and S.P. Raychaudhuri, 1956
 - V. cowpea mosaic
Capoor, S.P. and P.M. Varma, 1956
 - V. cucumber mosaic
Wellman, F.L., 1935
 - V. datura distortion mosaic
Capoor, S.P. and P.M. Varma, 1952
 - V. hibiscus yellow vein mosaic
Capoor, S.P. and P.M. Varma, 1950
 - V. lucerne mosaic
Zaumeyer, W.J. and B.L. Wade, 1935
 - V. pea mosaic
Murphy, D.M. and W.H. Pierce, 1937
 - V. red clover mosaic *
Zaumeyer, W.J. and B.L. Wade, 1935
 - V. tobacco etch
Holmes, Francis O., 1946
 - V. tobacco mosaic
Holmes, Francis O., 1946
 - V. turnip mosaic
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- D. lignosus*, L.
- V. pea mosaic
Murphy, D.M. and W.H. Pierce, 1937
- DOMBEYA* Cav. 1787 (Sterculiaceae)
- D. buettneri*, K. Schum.
- V. cacao swollen shoot
Tinsley, T.W. and A.L. Wharton, 1958
- DORONICUM* Tourn. ex L. 1735 (Compositae)
- D. caucasicum*, Bieb.
- V. dahlia mosaic
Brierley, Philip and Floyd F. Smith, 1950
- D. cordatum*, Sch. Bip.
- V. chrysanthemum stunt
Brierley, Philip, 1953
- DRACAENA* Vand. 1762 (Liliaceae)
- D. fragans*, Ker-Gawl.
- V. tulip breaking
Brierley, Philip and Floyd F. Smith, 1944
- D. sanderiana*, Hort.
- V. cucumber mosaic
Brierley, Philip and Floyd F. Smith, 1944
 - V. lily symptomless
Brierley, Philip and Floyd F. Smith, 1944
 - V. tulip breaking
Brierley, Philip and Floyd F. Smith, 1944

- ECBALLIUM** A. Rich. 1824 (Cucurbitaceae)
E. elaterium, A. Rich
 V. cucumber mosaic
 Jagger, I.C., 1918
- ECHINOCHLOA** Beauv. 1812 (Gramineae)
E. crus-galli, (L.) Beauv.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1953
 V. wheat spot mosaic *
 Slykhuis, John T., 1956
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
E. spp.
 V. rice and corn leaf-gall *
 Agati, Julian A. and Carlos A. Calica, 1950
- ECHINOCYSTIS** Torr. & Gray 1840 (Cucurbitaceae)
 (*MICRAMPHELIS*) Raf. 1808
E. lobata, (Michx.) Torr. & Gray (*Micrampelis lobata*, Greene)
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- ECHINOPS** L. 1737 (Compositae)
E. ritro, L.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
- ECHIUM** Tourn. ex L. 1737 (Boraginaceae)
E. vulgare, L.
 V. anemone mosaic *
 Hollings, M., 1957
 V. tobacco etch
 Holmes, Francis O., 1946
- ECLIPTA** L. 1771 (Compositae)
E. alba, Hassk.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. hibiscus yellow vein mosaic
 Kapoor, S.P. and P.M. Varma, 1950
- ELAEIS** Jacq. 1763 (Palmaceae)
E. guineensis, Jacq.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- ELAEOPHORIA** Stapf 1906 (Euphorbiaceae)
E. drupifera, Stapf
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- ELEUSINE** Gaertn. 1788 (Gramineae)
E. coracana, (L.) Gaertn.
 V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
E. indica, (L.) Gaertn.
 V. maize streak
 Storey, H.H. and A.P.D. McClean, 1930
 V. panicum mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
 V. sugarcane streak
 Storey, H.H. and A.P.D. McClean, 1930
- ELYMUS** L. 1748 (Gramineae)
E. canadensis, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
E. condensatus, Presl
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
E. giganteus, Vahl
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
E. glaucus, Buckl.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1953
- E. juncus, Fisch.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- E. triticoides*, Buckl.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- EMILIA** Cass. 1817 (Compositae)
E. flammea, Cass.
 V. tobacco etch
 Holmes, Francis O., 1946
- E. sonchifolia*, Hort.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 V. papaw mosaic
 Adsuar, Jose, 1950
 V. potato Y
 Sakimura, K., 1953
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- EPILOBIUM** Dill. ex L. 1735 (Onagraceae)
E. angustifolium, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- E. montanum*, L.
 V. anemone mosaic *
 Hollings, M., 1957
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
- E. paniculatum*, Nutt.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- EQUISETUM** ((Tourn.)) L. 1753 (Equisetaceae)
E. arvense, L.
 V. beet ring spot *
 Harrison, B.D., 1957
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- ERAGROSTIS** Host 1809 (Gramineae)
E. amabilis, (L.) Wight & Arn.
 V. rice and corn leaf-gall *
 Agati, Julian A. and Carlos A. Calica, 1950
- E. ciliolansis*, (All.) Link (*E. major*, Host)
 V. agropyron mosaic
 Slykhuis, J.T., 1952
- EREMOCARPUS** Benth. 1844 (Euphorbiaceae)
E. setigerus, Benth.
 V. beet curly top
 Carsner, E., 1919
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- ERIGERON** L. 1737 (Compositae)
E. annuus, (L.) Pers.
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- E. bonariensis*, L.
 V. beet curly top
 Bennett, C.W. and A.S. Costa, 1949
 V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
- E. canadensis*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. peach rosette
 McClintock, J.A., 1931
- V. tobacco mosaic
 Holmes, Francis O., 1938
- V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- E. speciosus*, DC.
 V. tobacco etch
 Holmes, Francis O., 1946

- Erigeron speciosus*, DC. (cont.)
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- E. spp.*
 V. cucumber mosaic
 Wellman, F.L., 1935
- ERIOCHLOA* H. B. & K. 1815 (Gramineae)
E. subglabra, Hitchcock
 V. sugarcane mosaic
 Chardon, C.E. and R.A. Veve, 1923
- ERIOGONUM* Michx. 1803 (Polygonaceae)
E. fasciculatum, Benth.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cucumber mosaic
 Bennett, C.W., 1944
 V. dodder latent mosaic
 Bennett, C.W., 1944
- ERODIUM* L' Herit. 1787 (Geraniaceae)
E. cicutarium, (L.) L' Herit.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- E. moschatum*, L' Herit.
 V. beet yellow net
 Sylvester, Edward S., 1948
 V. orchid (cymbidium) mosaic
 Jensen, D.D., 1951
- ERYSIMUM* ((Tourn.)) L. 1735 (Cruciferae)
E. cheiranthoides, L.
 V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
 Hildebrand, 1947
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- E. perofskianum*, Fisch. & Mey.
 V. cauliflower mosaic
 Tompkins, C.M., 1937
- E. spp.*
 V. cauliflower mosaic
 Caldwell, John and Ian W. Prentice, 1942
- ERYTHRONIUM* L. 1735 (Liliaceae)
E. spp.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
 V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- ERYTHROPSIS* Endl. * (Sterculiaceae)
E. barteri, (Mast.) Ridley
 V. cacao swollen shoot
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
- ESCHSCHOLTZIA* Cham. 1820 (Papaveraceae)
(ESCHSCHOLZIA) Cham. 1820
E. californica, Cham.
 V. beet curly top
 Carsner, E., 1919
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
 Hildebrand, 1947
 V. squash mosaic
 Freitag, J.H., 1956
- EUCHLAENA* Schrad. 1832 (Gramineae)
E. mexicana, Schrad.
 V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
- EUPHORBIA* L. 1737 (Euphorbiaceae)
E. esula, L.
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- E. geniculata*, Ort.
 V. hibiscus yellow vein mosaic
 Capoor, S.P. and P.M. Varma, 1950
- E. helioscopia*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- E. heterophylla*, L.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic*
 Holmes, Francis O., 1946
- V. tomato ring spot*
 Samson, R.W. and E.P. Imle, 1942
- E. maculata*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. tobacco mosaic*
 Holmes, Francis O., 1938
- E. marginata*, Pursh
 V. cucumber mosaic
 Wellman, F.L., 1935
- V. squash mosaic*
 Freitag, J.H., 1956
- V. tobacco etch*
 Holmes, Francis O., 1946
- V. tobacco mosaic*
 Holmes, Francis O., 1946
- E. peplus*, L.
 V. anemone mosaic *
 Hollings, M., 1957
- V. beet yellows*
 Roland, G. and J. Tahon, 1961
- E. pilulifera*, L.
 V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
- V. euphorbia mosaic*
 Costa, A.S. and C.W. Bennett, 1950
- E. preslii*, Guss.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic*
 Holmes, Francis O., 1946
- E. prunifolia*, Jacq.
 V. abutilon infectious variegation
 Bird, Julio, 1958
- V. citrus tristeza*
 Costa, A.S. and C.W. Bennett, 1950
- V. beet curly top*
 Costa, A.S., 1952
- V. citrus tristeza*
 Bennett, C.W. and A.S. Costa, 1949
- E. pulcherrima*, Willd.
 V. cucumber mosaic
 Wellman, F.L., 1935
- V. sweet potato mosaic*
 Borders, H.I. and T.J. Ratcliff, 1954
- E. serphyllifolia*, Pers.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- EVODIA* Forst. 1776 (Rutaceae)
E. spp.
 V. citrus tristeza
 Knorr, L.C., 1956
- FAGOPYRUM* Tourn. ex Hall. 1742 (Polygonaceae)
F. esculentum, Moench
 V. anemone brown ring *
 Hollings, M., 1957
- V. beet curly top*
 Costa, A.S., 1952
- V. chrysanthemum B (mild mosaic) **
 Hollings, M., 1957
- V. muskmelon mosaic*
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
 Hildebrand, 1947
- V. stone fruit **
 Boyd, J.S., J. Duain Moore and G.W. Keitt, 1954
- V. tobacco etch*
 Holmes, Francis O., 1946

- FEIJOA** Berg 1858 (Myrtaceae)
F. sellowiana, Berg
 V. beet curly top
 Giddings, N.J., 1944
- FERULA** Tourn. ex L. 1737 (Umbelliferae)
F. communis, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
- FESTUCA** ((Tourn.)) L. 1735 (Gramineae)
F. elatior, L.
 V. wheat streak mosaic
 Slykhuis, John T., 1955
- F. rubra*, L.
 V. barley stripe mosaic
 Slykhuis, J.T., 1952
- V. wheat streak mosaic
 Slykhuis, J.T., 1952, 1955
- FICUS** Tourn. ex L. 1735 (Moraceae)
F. elastica, Roxb.
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- F. exasperata*, Vahl
 V. cacao swollen shoot
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
- F. palmata*, Forsk.
 V. fig mosaic
 Condit, I.J. and W.T. Horne, 1933
- FOENICULUM** Tourn. ex L. 1735 (Umbelliferae)
F. vulgare, Mill., var. dulce, (Mill.) Fiori
 V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
- FORSYTHIA** Vahl 1805 (Oleaceae)
F. suspensa, (Thunb.) Vahl
 V. lilac witches' broom
 Brierley, Philip, 1955
- FORTUNELLA** Swingle 1915 (Rutaceae)
F. margarita, (Lour.) Swingle on *Poncirus trifoliata*, Raf.
 V. citrus tristeza
 Olson, Edward O. and James R. McDonald, 1954
- FRAGARIA** ((Tourn.)) L. 1735 (Rosaceae)
F. bracteata, Heller
 V. orchid (cymbidium) mosaic
 Jensen, D.D., 1951
- F. chiloensis*, Dcne., var. ananassa, Bailey
 V. filaree red leaf
 Frazier, Norman W., 1951
- F. vesca*, L.
 V. beet yellow net
 McLean, D.M., 1952
- FRANKENIA** L. 1737 (Frankeniaceae)
F. grandifolia, Cham. & Schlecht.
 V. beet curly top
 Severin, Henry H.P., 1939
- FAXINUS** Tourn. ex L. 1735 (Oleaceae)
F. pennsylvanica, Marsh.
 V. lilac witches' broom
 Brierley, Philip, 1955
- FREESIA** Klatt 1865-66 (Iridaceae)
F. hybrida, Hort.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
- V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
- V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- F. refracta*, Klatt.
 V. maize leaf fleck
 Stoner, Warren N., 1952
- V. orchid (cymbidium) mosaic
 Jensen, D.D., 1951
- FUCHSIA** ((Plum.)) L. 1735 (Onagraceae)
F. magellanica, Lam.
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P.
 Doolittle, 1955
- FUMARIA** Tourn. ex L. 1735 (Papaveraceae)
F. officinalis, L.
 V. anemone brown ring *
 Hollings, M., 1958
- FUNTUMIA** Stapf 1901 (Apocynaceae)
F. elastica, Stapf
 V. cacao swollen shoot
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
- GAILLARDIA** Fouger. 1788 (Compositae)
G. aristata, Pursh
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- G. pulchella*, Foug.
 V. cucumber mosaic
 Wellman, F.L., 1935
- G. pulchella* var. *picta*, Gray
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
- V. chrysanthemum stunt
 Brierley, Philip, 1953
- V. radish mosaic
 Tompkins, C.M., 1939
- V. turnip mosaic
 Tompkins, C.M., 1938, 1939
- Tompkins, C.M. and H. Rex Thomas, 1938
- GALEOPSIS** L. 1735 (Labiatae)
G. speciosa, Mill.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- G. tetrahait*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- GALINSOGA** Ruiz & Pav. 1794 (Compositae)
G. parviflora, Cav.
 V. beet curly top
 Costa, A.S., 1952
- V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. chrysanthemum stunt
 Brierley, Philip, 1953
- V. tobacco etch
 Holmes, Francis O., 1946
- GALIUM** L. 1737 (Rubiaceae)
G. triflorum, Michx.
 V. tobacco mosaic
 Holmes, Francis O., 1938
- GALTONIA** Decne. 1880 (Liliaceae)
G. candidans, (Baker) Decne.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
- V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
- V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- GAZANIA** Gaertn. 1791 (Compositae)
G. spp.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
- GERANIUM** ((Tourn.)) L. 1735 (Geraniaceae)
G. carolinianum, L.
 V. tobacco etch
 Holmes, Francis O., 1946
- G. dissectum*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961

- Geranium maculatum*, L.
 V. beet yellows
 Roland, G. and J. Tahan, 1961
- G. sanguineum*, L.
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- GERARDIA* L. 1737 (Scrophulariaceae)
G. divaricata, Chapm.
 V. cucumber mosaic
 Wellman, F.L., 1935
- GERBERA* Gronov. 1737 (Compositae)
G. jamesonii, Bolus
 V. chrysanthemum stunt
 Brierley, Philip, 1953
- V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
- G. jamesonii* var. *transvaalensis*, Hort.
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex
 Thomas, 1938
- V. turnip mosaic
 Tompkins, C.M., 1939
- GEUM* L. 1735 (Rosaceae)
G. canadense, Jacq.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- G. chiloense*, Balb.
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex
 Thomas, 1938
- V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
- V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
- V. radish mosaic
 Tompkins, C.M., 1939
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tomato yellow net
 Sylvester, Edward S., 1954
- V. turnip mosaic
 Tompkins, C.M., 1938, 1939
- Tompkins, C.M. and H. Rex Thomas, 1938
- GILIA* Ruiz & Pav. 1794 (Polemoniaceae)
G. capitata, Dougl.
 V. tobacco etch
 Holmes, Francis O., 1946
- G. liniflora*, Benth.
 V. tobacco etch
 Holmes, Francis O., 1946
- GLADIOCUS* ((Tourn.)) L. 1735 (Iridaceae)
G. hortulanus, Bailey
 V. iris spuria mosaic *
 Brierley, Philip and Floyd F. Smith, 1948
- G. lemoinei*, Hort.
 V. cucumber mosaic
 Wellman, F.L., 1935
- G. spp.*
 V. beet yellow net
 McLean, D.M., 1952
- V. onion yellow dwarf
 Henderson, W.J., 1935
- V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P.
 Doolittle, 1955
- V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- GLEDTSIA* L. 1742 (Leguminosae)
G. triacanthos, L.
 V. prunus A *
 Fulton, Robert W., 1957
- V. prunus E *
 Fulton, Robert W., 1957
- G. triacanthos, L. (cont.)
 V. prunus G *
 Fulton, Robert W., 1957
- GLORIOSA* L. 1735 (Liliaceae)
G. rothschildiana, O'Brien
 V. ornithogalum mosaic
 Smith, Floyd F. and Philip Brierley, 1944
- V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- G. superba*, L.
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- GLYCINE* L. 1737 (Leguminosae)
 (SOJA) Moench 1794
 (SOYA) Benth. 1838
- G. hispida*, Maxim.
 V. cucumber mosaic
 Vasudeva, R. Sahai and T.B. Lal, 1943
- V. tobacco ring spot
 Wingard, S.A., 1928
- G. max*, (L.) Merr.
 V. alsike clover mosaic
 Zaumeyer, W.J., 1940
- V. barley stripe mosaic
 Sill, W.H., Jr. and E.D. Hansing, 1955
- V. bean common mosaic
 Snyder, W.C., 1942
- Zaumeyer, W.J. and B.L. Wade, 1935
- V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
- V. bean yellow mosaic
 Baggett, James R., 1957
- Grogan, Raymond G. and J.C. Walker, 1948
- Johnson, James, 1942
- Zaumeyer, W.J., 1940, 1952
- Zaumeyer, W.J. and B.L. Wade, 1935
- V. broad bean mottle
 Yu, T.F., 1939
- V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. cowpea mosaic
 Yu, T.F., 1946
- V. cucumber mosaic
 Anderson, C.W., 1955
- Bridgmon, G.H. and J.C. Walker, 1952
- Costa, A.S., 1944
- Harter, L.L., 1938
- Johnson, E.M., 1930
- Wellman, F.L., 1935
- Whipple, O.C. and J.C. Walker, 1941
- V. datura distortion mosaic
 Kapoor, S.P. and P.M. Varma, 1952
- V. filaree red leaf
 Frazier, Norman W., 1951
- V. lucerne mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
- V. lupine disease *
 Weimer, J.L., 1950
- V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
- V. orchid (cymbidium) mosaic
 Jensen, D.D., 1951
- V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
- V. pea mosaic
 Chaudhuri, R.P., 1950
- Hagedorn, D.J. and J.C. Walker, 1954
- Murphy, D.M. and W.H. Pierce, 1937
- Pierce, W.H., 1935
- Stubbs, M.W., 1937
- V. pea mottle
 Johnson, Folke, 1942
- V. pea wilt
 Johnson, Folke, 1942
- V. potato X
 Johnson, E.M., 1930
- V. potato Y
 Johnson, E.M., 1930
- V. red clover mosaic *
 Zaumeyer, W.J. and B.L. Wade, 1935

- Glycine max*, (L.) Merr. (cont.)
 V. red clover vein mosaic
 Hagedorn, D.J. and E.W. Hanson, 1951
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 V. squash mosaic
 Freitag, J.H., 1956
 V. tobacco coarse etch
 Johnson, E.M., 1930
 V. tobacco etch
 Holmes, Francis O., 1946
 Johnson, E.M., 1930
 V. tobacco mosaic
 Holmes, Francis O., 1946
 Johnson, E.M., 1930
 V. tobacco ring spot
 Johnson, E.M., 1930
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
 V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- G. soya*, Sieb. & Zucc.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- GLYPHAEA* Hook. f. 1848 (Tiliaceae)
G. brevis, (Spreng.) Monachino
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- GNAPHALIUM* L. 1737 (Compositae)
G. beneolens, Davidson
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- GODETIA* Spach 1835 (Onagraceae)
G. amoena, G. Don
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- G. grandiflora*, Lindl.
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. radish mosaic
 Tompkins, C.M., 1939
 V. turnip mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
- GOMPHRENA* L. 1737 (Amaranthaceae)
G. globosa, L.
 V. bayberry yellows
 Raychaudhuri, S.P., 1953
 V. carnation mosaic
 Brierley, Philip and Floyd F. Smith, 1955
 V. carnation vein mottle
 Kassanis, B., 1955
 V. cauliflower mosaic
 Alvarez-Garcia, L.A., 1951
 Berkeley, G.H. and J.H. Tremaine, 1954
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. chrysanthemum ring spot
 Brierley, Philip and Floyd F. Smith, 1955
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. nicotiana glutinosa root necrosis *
 Cetas, Robert C. and A. Frank Ross, 1952
 V. panicum mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
 V. pelargonium ring spot *
 Hollings, M., 1957
 V. potato Y
 Ross, A. Frank, 1950
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. tobacco ring spot
 Cooper, W.E., 1949
 V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
- G. globosa*, L. (cont.)
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
- G. haageana*, Klotzsch
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- G. spp.*
 V. peony leaf curl *
 Brierley, Philip and Paul Lorentz, 1957
- GOSSYPIUM* L. 1735 (Malvaceae)
G. arboreum, L.
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- G. barbadense*, L.
 V. hibiscus yellows *
 Hendrix, J. Walter, 1950
- G. hirsutum*, L.
 V. abutilon infectious variegation
 Bird, Julio, 1958
- V. beet curly top
 Bennett, C.W. and A.S. Costa, 1949, 1952
 Giddings, N.J., 1944
 Severin, Henry H.P., 1929
- V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. cacao swollen shoot
 Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
- V. canna mosaic
 Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
- V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
- V. cucumber mosaic
 Wellman, F.L., 1935
- V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
- V. hibiscus yellows *
 Hendrix, J. Walter, 1950
- V. malva yellow vein mosaic *
 Costa, A.S. and James E. Duffus, 1957
- V. prunus G *
 Fulton, Robert W., 1957
- V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
- V. squash mosaic
 Freitag, J.H., 1956
- V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco leaf curl
 Nariani, T.K., 1956
- V. tobacco mosaic
 Das, C.R. and S.P. Raychaudhuri, 1953
 Holmes, Francis O., 1946
- V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- V. tomato spotted wilt
 Smith, Kenneth M., 1931
- G. peruvianum*, Cav. x *G. barbadense*, L.
 V. hibiscus yellow vein mosaic
 Capoor, S.P. and P.M. Varma, 1950
- G. spp.*
 V. beet curly top
 Carsner, E., 1919
- V. canna mosaic
 Celino, M.S. and G.O. Ocfemia, 1941
- V. cucumber mosaic
 Celino, Martin S., 1940
- GREWIA* L. 1735 (Tiliaceae)
G. similis, K. Schum.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- GRINDELIA* Willd. 1807 (Compositae)
G. camporum, Greene
 V. beet curly top
 Severin, Henry H.P., 1939

- GUAZUMA** Plum. ex Adans. 1763 (Sterculiaceae)
G. ulmifolia, Lam.
 V. cacao swollen shoot
 Tinsley, T. W. and A. L. Wharton, 1958
- GUTIERREZIA** Lag. 1816 (Compositae)
G. californica, Torr. & Gray
 V. beet curly top
 Severin, Henry H.P., 1939
- GYCOSMIS** Correa 1805 (Rutaceae)
G. citrifolia, (Willd.) Lindley *
 V. citrus tristeza
 Knorr, L.C., 1956
- GYPSOPHILA** L. 1751 (Caryophyllaceae)
G. paniculata, L.
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. radish mosaic
 Tompkins, C.M., 1939
 V. turnip mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
- HAPLOAPPUS** Endl. 1838 (Compositae)
H. venetus subsp. *verononioides* *
 V. beet curly top
 Severin, Henry H.P., 1939
- HARPULLIA** Roxb. 1814 (Sapindaceae)
H. pendula, Planch. ex F. Muell.
 V. cacao swollen shoot
 Tinsley, T. W. and A. L. Wharton, 1958
- HAWORTHIA** Duval 1809 (Liliaceae)
H. altilinea, Haw.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
 V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- HEDYCHIUM** Koen. 1783 (Zingiberaceae)
H. coronarium, Koen.
 V. canna mosaic
 Brierley, Philip and Floyd F. Smith, 1948
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
 Celino, Martin S., 1940
 V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- HEDYSARUM** ((Tourn.)) L. 1735 (Leguminosae)
H. coronarium, L.
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
- HELENIUM** L. 1753 (Compositae)
H. autumnale, L.
 V. tomato aspermy
 Hollings, M., 1955
- HELIANTHUS** L. 1735 (Compositae)
H. annuus, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
H. cucumerifolius, Torr. & Gray
 V. chrysanthemum stunt
 Brierley, Philip, 1953
H. spp.
 V. lucerne dwarf
 Freitag, J.H., 1951
H. tuberosus, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- H. *tuberosus*, L. (cont.)
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- HELICHRYSUM** Vaill. ex L. 1737 (Compositae)
H. bractatum, Andr. *
 V. beet yellows
 Roland, G. and J. Tahon, 1961
H. bracteatum, Andr.
 V. anemone mosaic *
 Hollings, M., 1957
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. chrysanthemum stunt
 Brierley, Philip, 1953
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. tobacco etch
 Holmes, Francis O., 1946
- HELIOPSIS** Pers. 1807 (Compositae)
H. scabra, Dun.
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- HELIOTROPIUM** ((Tourn.)) L. 1735 (Boraginaceae)
H. corymbosum, Ruiz & Pav.
 V. tobacco etch
 Holmes, Francis O., 1946
H. curassavicum, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
H. peruvianum, L.
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. radish mosaic
 Tompkins, C.M., 1939
 V. turnip mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
- HEMEROCALLIS** L. 1735 (Liliaceae)
H. flava, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
H. fulva, L.
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- HEMIZONIA** DC. 1836 (Compositae)
H. virgata, A. Gray
 V. beet curly top
 Severin, Henry H.P., 1939
- HERACLEUM** L. 1735 (Umbelliferae)
H. maximum, Bartr. (*H. lanatum*, Michx.)
 V. celery mosaic
 Freitag, Julius H. and Henry H.P. Severin, 1945
- HERMANNIA** L. 1735 (Sterculiaceae)
H. candicans, Ait., var. *discolor* *
 V. cacao swollen shoot
 Tinsley, T. W. and A. L. Wharton, 1958
- HERRANIA** Goudot 1844 (Sterculiaceae)
H. balaensis, Preuss
 V. cacao swollen shoot
 Tinsley, T. W. and A. L. Wharton, 1958
H. spp.
 V. cacao swollen shoot
 Tinsley, T. W. and A. L. Wharton, 1958

- HESPERIS** L. 1735 (Cruciferae)
H. matronalis, L.
 V. beet mosaic
 Pound, Glenn S., 1947
 V. cauliflower mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
 Tompkins, C.M., 1937
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. radish mosaic
 Tompkins, C.M., 1939
 V. squash mosaic
 Freitag, J.H., 1956
 V. stone fruit *
 Boyle, J.S., Duain Moore and G.W. Keitt, 1954
 V. turnip mosaic
 LeBeau, Francis J. and J.C. Walker, 1945
H. spp.
 V. cauliflower mosaic
 Caldwell, John and Ian W. Prentice, 1942
- HEVEA** Aubl. 1775 (Euphorbiaceae)
H. brasiliensis, Muell.-Arg. (*Siphonia ridleyana*, O.F. Cook)
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- HIBISCUS** L. 1737 (Malvaceae)
H. esculentus, L.
 V. beet curly top
 Giddings, N.J., 1944
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. cucumber green mottle mosaic
 Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. datura distortion mosaic
 Kapoor, S.P. and P.M. Varma, 1952
 V. hibiscus yellows *
 Hendrix, J. Walter, 1950
 V. malva yellow vein mosaic *
 Costa, A.S. and James E. Duffus, 1957
 V. squash mosaic
 Freitag, J.H., 1956
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco leaf curl
 Nariani, T.K., 1956
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
 V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
H. furcatus, Willd.
 V. hibiscus yellow vein mosaic
 Kapoor, S.P. and P.M. Varma, 1950
- H. manihot**, L.
 V. hibiscus yellow vein mosaic
 Kapoor, S.P. and P.M. Varma, 1950
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- H. rosa-sinensis**, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
 V. tobacco leaf curl
 Nariani, T.K., 1956
- V. sabdariffa, L.
 V. hibiscus yellows *
 Hendrix, J. Walter, 1950
H. tiliaceus, L. (*Pariti tiliaceum*, (L.) St. Hil.)
 V. hibiscus yellows *
 Hendrix, J. Walter, 1950
H. youngianus, Gaudich.
 V. hibiscus yellows *
 Hendrix, J. Walter, 1950
- HIERACIUM** ((Tourn.)) L. 1735 (Compositae)
H. argutum, Nutt.
 V. dodder latent mosaic
 Bennett, C.W., 1944
H. scabrum, Michx.
 V. tobacco mosaic
 Holmes, Francis O., 1938
- HOLCUS** L. 1735 (Gramineae)
H. halepensis, L.
 V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
H. lanatus, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1953
H. sorghum, L.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
H. sudanensis, Bailey
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- HORDEUM** ((Tourn.)) L. 1735 (Gramineae)
H. jubatum, L.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
 V. wheat streak mosaic
 Slykhuis, J.T., 1952, 1955
H. vulgare, L.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
 V. beet curly top
 Carsner, E., 1919
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cucumber mosaic
 McWhorter, F.P. and H.H. Millsap, 1954
 Wellman, F.L., 1935
 V. maize leaf fleck
 Stoner, Warren N., 1952
 V. panicum mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
 V. soil-borne wheat mosaic
 McKinney, H.H., 1947
 V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- HOSTA** Tratt. 1812 (Liliaceae)
H. plantaginea, Aschers.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
 V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- HUNNEMANNIA** Sweet 1828 (Papaveraceae)
H. fumariaefolia, Sweet
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946

- HYACINTHUS** ((Tourn.)) L. 1735 (Liliaceae)
H. aureus, Baker
 V. ornithogalum mosaic
 Smith, Floyd F. and Philip Brierley, 1944
- H. orientalis*, L.
 V. onion yellow dwarf
 Henderson, W.J., 1935
- V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- HYMENOCALLIS** Salisb. 1812 (Amaryllidaceae)
H. spp.
 V. cucumber mosaic
 Wellman, F.L., 1935
- HYOSCYAMUS** ((Tourn.)) L. 1735 (Solanaceae)
H. albus, L.
 V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
- H. niger*, L.
 V. anemone brown ring *
 Hollings, M., 1958
- V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
- V. red currant ring spot
 Klesser, P.J., 1951
- V. tomato aspermy
 Blencowe, J.W. and John Caldwell, 1949
- HYPERICUM** Tourn. ex L. 1737 (Hypericaceae)
H. boreale, (Britt.) Bickn.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- H. perforatum*, L.
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- HYPOCHOERIS** L. 1737 (Compositae)
H. radicata, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- HYPOXIS** L. 1759 (Amaryllidaceae)
H. spp.
 V. narcissus mosaic
 Haasis, Frank A., 1939
- IBERIS** Dill. ex L. 1735 (Cruciferae)
I. amara, L.
 V. cauliflower mosaic
 Caldwell, John and Ian W. Prentice, 1942
- I. gibraltarica*, L.
 V. tobacco etch
 Holmes, Francis O., 1946
- I. sempervirens*, L.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- I. spp.*
 V. citrus tristeza
 Knorr, L.C., 1956
- I. umbellata*, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
- V. squash mosaic
 Freitag, J.H., 1956
- V. tobacco etch
 Holmes, Francis O., 1946
- IMPATIENS** Riv. ex L. 1735 (Balsaminaceae)
I. balsamina, L.
 V. cucumber mosaic
 Doolittle, S.P. and W.J. Zaumeyer, 1953
- Wellman, F.L., 1935
- V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
- I. balsamina, L. (cont.)
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tobacco necrosis
 Price, W.C., Frank P. McWhorter and Betty H. Steranka, 1950
- I. biflora*, Walt.
 V. tobacco mosaic
 Holmes, Francis O., 1938
- I. spp.*
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- I. sultani*, Hook. f. (or sometimes *I. holstii*, Engler & Warb.)
 V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
- V. tobacco etch
 Holmes, Francis O., 1946
- INCARVILLEA** Juss. 1789 (Bignoniaceae)
I. variabilis, Batalin
 V. tobacco etch
 Holmes, Francis O., 1946
- INDIGOFERA** L. 1737 (Leguminosae)
I. hirsuta, L.
 V. prunus B *
 Fulton, Robert W., 1957
- IODANTHUS** Torr. & Gray 1838 (Cruciferae)
I. pinnatifidus, (Michx.) Steud.
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- IONOXALIS** Small 1903 (Oxalidaceae)
I. violacea, Small
 V. cucumber mosaic
 Wellman, F.L., 1935
- IPOMOEA** L. 1735 (Convolvulaceae)
I. batata, (L.) Lam.
 V. abutilon infectious variegation
 Bird, Julio, 1958
- V. cucumber mosaic
 Doolittle, S.P. and L.L. Harter, 1945
- V. sweet potato feathery mottle
 Doolittle, S.P. and L.L. Harter, 1945
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Doolittle, S.P. and L.L. Harter, 1945
- Holmes, Francis O., 1946
- V. tobacco ring spot
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
- V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- I. caerulea*, Sweet
 V. sweet potato feathery mottle
 Webb, Raymon E., 1954
- I. crassicaulis*, B.L. Robinson
 V. papaw mosaic
 Adsuar, Jose, 1950
- I. nil*, (L.) Roth
 V. squash mosaic
 Freitag, J.H., 1956
- V. sweet potato feathery mottle
 Webb, Raymon E., 1954
- V. tobacco etch
 Holmes, Francis O., 1946
- I. pes-caprae*, (L.) Roth
 V. papaw mosaic
 Adsuar, Jose, 1950
- I. purpurea*, (L.) Lam.
 V. beet yellow net
 Sylvester, Edward S., 1948
- V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938

- Ipomoea purpurea*, (L.) Lam. (cont.)
V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
V. sweet potato feathery mottle
 Doolittle, S.P. and L.L. Harter, 1945
V. sweet potato mosaic
 Borders, H.I. and T.J. Ratcliff, 1954
V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
V. turnip mosaic
 Tompkins, C.M., 1939
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- I. quinquefolia*, L.
V. abutilon infectious variegation
 Bird, Julio, 1958
V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
V. papaw mosaic
 Adsuar, Jose, 1950
- I. rubra*, Murr.
V. papaw mosaic
 Adsuar, Jose, 1950
V. sweet potato feathery mottle
 Webb, Raymon E., 1954
- I. setosa*, Ker.
V. tobacco etch
 Holmes, Francis O., 1946
V. tobacco mosaic
 Holmes, Francis O., 1946
- I. sinuata*, Ort.
V. sweet potato feathery mottle
 Webb, Raymon E., 1954
- I. spp.*
V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
V. sweet potato feathery mottle
 Webb, Raymon E., 1954
V. sweet potato mosaic
 Borders, H.I. and T.J. Ratcliff, 1954
- I. tricolor*, Cav.
*V. anemone mosaic**
 Hollings, M., 1957
V. sweet potato feathery mottle
 Webb, Raymon E., 1954
V. sweet potato mosaic
 Borders, H.I. and T.J. Ratcliff, 1954
V. tobacco etch
 Holmes, Francis O., 1946
- IRIS* Tourn. ex L. 1735 (Iridaceae)
I. filifolia, Boiss.
V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- I. germanica*, L.
V. cucumber mosaic
 Brierley, Philip and Frank P. McWhorter, 1936
V. tulip breaking
 Brierley, Philip and Frank P. McWhorter, 1936
 McWhorter, F.P., 1935
- I. pallida*, Lam.
V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- I. persica*, L.
V. onion yellow dwarf
 Henderson, W.J., 1935
- I. spp.*
V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- I. versicolor*, L.
V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- ISATIS* Tourn. ex L. 1735 (Cruciferae)
I. glauca, Auch.
V. cauliflower mosaic
 Caldwell, John and Ian W. Prentice, 1942
- ISOMERIS* Nutt. ex Torr. & Gray 1838 (Capparidaceae)
I. arborea, Nutt. ex Torr. & Gray
V. beet curly top
 Severin, Henry H.P., 1939
- ISOTOMA* Lindl. 1826 (Campanulaceae)
I. longiflora, Presl
V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
V. papaw mosaic
 Adsuar, Jose, 1950
- JATROPHA* L. 1735 (Euphorbiaceae)
J. gossypifolia, L.
V. abutilon infectious variegation
 Bird, Julio, 1958
- JISSIAEA* L. 1747 (Onagraceae)
J. angustifolia, Lam.
V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
V. papaw mosaic
 Adsuar, Jose, 1950
- KALANCHOE* Adans. 1763 (Crassulaceae)
 (BRYOPHYLLUM) Salisb. 1805
K. daigremontiana, Hamet. & Perrier
V. tobacco etch
 Holmes, Francis O., 1946
- K. spp.*
V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- (B. calycinum), Salisb.
V. papaw ring spot
 Jensen, D.D., 1949
- (B. pinnatum), Kurz.
V. tobacco ring spot
 Wingard, S.A., 1928
- KLEINHOVIA* L. 1763 (Sterculiaceae)
K. hospita, L.
V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- .*KNIPHOFIA* Moench 1794 (Liliaceae)
K. tucki, Baker
V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- KOCHIA* Roth 1801 (Chenopodiaceae)
K. scoparia, (L.) Schrad.
V. cucumber mosaic
 Wellman, F.L., 1935
V. squash mosaic
 Freitag, J.H., 1956
V. tobacco etch
 Holmes, Francis O., 1946
- LACTUCA* ((Tourn.)) L. 1735 (Compositae)
L. bourgaei, Irish & Taylor
V. aster yellows
 Tompson, Ross C., 1944
- L. marschallii*, Stebbins *
V. aster yellows
 Tompson, Ross C., 1944
- L. muralis*, (L.) Gaertn.
*V. chrysanthemum B (mild mosaic)**
 Hollings, M., 1957
- L. sativa*, L.
*V. anemone brown ring**
 Hollings M., 1958
*V. anemone mosaic**
 Hollings, M., 1957
V. bean pod mottle
 Zaumeyer, W.J. and H. Rex Thomas, 1948

- Lactuca sativa*, L. (cont.)
- V. beet curly top
Bennett, C.W. and A.S. Costa, 1949
 - Carsner, E., 1919
 - Severin, Henry H.P., 1929
 - V. beet mosaic
Bennett, C.W., 1949
 - Pound, Glenn S., 1947
 - Roland, G. and J. Tahon, 1961
 - V. cauliflower mosaic
Alvarez-Garcia, L.A., 1951
 - V. chrysanthemum B (mild mosaic) *
Hollings, M., 1957
 - V. chrysanthemum stunt
Brierley, Philip, 1953
 - V. cineraria mosaic
Jones, Leon K., 1944
 - V. citrus tristeza
Knorr, L.C., 1956
 - V. cucumber mosaic
Burnett, G., 1934
 - Govier, D.A., 1957
 - Nienow, Inez, 1948
 - V. dahlia mosaic
Brierley, Philip and Floyd F. Smith, 1950
 - V. dock mosaic
Newhall, A.G., 1923
 - V. dodder latent mosaic
Bennett, C.W., 1949
 - V. lucerne mosaic
Kreitlow, K.W. and W.C. Price, 1949
 - V. milkweed mosaic *
Newhall, A.G., 1923
 - V. muskmelon mosaic
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 - V. orchid (*odontoglossum*) ring spot
Jensen, D.D. and A. Herbert Gold, 1951
 - V. papaw ring spot
Jensen, D.D., 1949
 - V. pea mottle
Johnson, Folke, 1942
 - V. pea wilt
Johnson, Folke, 1942
 - V. pelargonium ring spot *
Hollings, M., 1957
 - V. prunus E *
Fulton, Robert W., 1957
 - V. prunus G *
Fulton, Robert W., 1957
 - V. spinach yellow dwarf
Severin, Henry H.P. and Donald H. Little, 1947
 - V. squash mosaic
Freitag, J.H., 1956
 - V. tobacco mosaic
Doolittle, S.P. and F.S. Beecher, 1942
 - V. tomato aspermy
Hollings, M., 1955
 - V. tomato spotted wilt
Parris, G.K., 1940
 - V. *tropaeolum* mosaic
Silberschmidt, Karl, 1953
 - L. *sativa* var. *capitata*, L.
 - V. bean common mosaic
Ainsworth, G.C., 1940
 - V. bean yellow mosaic
Ainsworth, G.C., 1940
 - V. cabbage black ring spot
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - V. cauliflower mosaic
Tompkins, C.M., 1937
 - V. celery mosaic
Freitag, Julius H. and Henry H.P. Severin, 1945
 - V. cucumber mosaic
Ainsworth, G.C., 1940
 - Wellman, F.L., 1935
 - V. pea enation mosaic
Ainsworth, G.C., 1940
 - V. pea mosaic
Ainsworth, G.C., 1940
 - V. pea yellow mosaic *
Ainsworth, G.C., 1940
 - L. *sativa* var. *capitata*, L. (cont.)
 - V. radish mosaic
Tompkins, C.M., 1939
 - V. turnip mosaic
Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
 - L. *sativa* var. *crispula*, L.
 - V. cucumber mosaic
Wellman, F.L., 1935
 - L. *sativa* var. *longifolia*, Lam.
 - V. cucumber mosaic
Wellman, F.L., 1935
 - V. primula mosaic
Tompkins, C.M. and John T. Middleton, 1941
 - V. squash mosaic
Freitag, J.H., 1956
 - L. *sativa* var. *romana*, Hort.
 - V. beet yellow net
Sylvester, Edward S., 1948
 - V. cauliflower mosaic
Tompkins, C.M., 1937
 - L. *serriola*, L.
 - V. beet yellows
Roland, G. and J. Tahon, 1961
 - L. *tatarica*, C.A. Mey.
 - V. aster yellows
Tompson, Ross C., 1944
 - L. *virosa*, Rydb.
 - V. tobacco ring spot
Fenne, S.B., 1931
- LAELIOCATTLEYA X**, Rolfe 1887 (Orchidaceae)
- L. spp.
 - V. orchid (*vanda*) mosaic
Murakishi, Harry H., 1952
- LAGENARIA** Ser. 1825 (Cucurbitaceae)
- L. *siceraria*, (Mol.) Standl. (L. *leucantha*, Rusby)
 - V. chili (pepper) mosaic
Jha, Ashrafi and S.P. Raychaudhuri, 1956
 - V. cowpea mosaic
Capoor, S.P. and P.M. Varma, 1956
 - V. cucumber mosaic
Nariani, T.K. and Nirmaljit Singh, 1952
 - V. *prunus* A *
Fulton, Robert W., 1957
 - V. *prunus* E *
Fulton, Robert W., 1957
 - V. *prunus* G *
Fulton, Robert W., 1957
 - V. tobacco mosaic
Das, C.R. and S.P. Raychaudhuri, 1953
 - V. tomato ring spot
Samson, R.W. and E.P. Imle, 1942
 - L. *vulgaris*, Ser.
 - V. *datura* distortion mosaic
Capoor, S.P. and P.M. Varma, 1952
 - V. potato X
Vasudeva, R. Sahai and T.B. Lal, 1944
- LAMIUM ((Tourn.))** L. 1735 (Labiatae)
- L. *album*, L.
 - V. beet yellows
Roland, G. and J. Tahon, 1961
 - L. *amplexicaule*, L.
 - V. cucumber mosaic
Burnett, G., 1934
 - L. *purpureum*, L.
 - V. beet yellows
Roland, G. and J. Tahon, 1961
- LANTANA** L. 1737 (Verbenaceae)
- L. *camara*, L.
 - V. tobacco etch
Holmes, Francis O., 1946
 - V. tobacco mosaic
Holmes, Francis O., 1946
 - L. *sellowiana*, Link & Otto
 - V. cucumber mosaic
Wellman, F.L., 1935

- LATHYRUS** ((Tourn.)) L. 1735 (Leguminosae)
- L. latifolius, L.
 - V. pea mosaic
 - Murphy, D.M. and W.H. Pierce, 1937
 - L. odoratus, L.
 - V. bean common mosaic
 - Ainsworth, G.C., 1940
 - Doolittle, S.P. and F.R. Jones, 1925
 - Snyder, W.C., 1942
 - Zaumeyer, W.J. and B.L. Wade, 1933, 1935
 - V. bean mosaic 3 *
 - Zaumeyer, W.J. and B.L. Wade, 1935
 - V. bean yellow mosaic
 - Doolittle, S.P. and F.R. Jones, 1925
 - V. beet mosaic
 - Pound, Glenn S., 1947
 - V. beet yellows
 - Roland, G. and J. Tahon, 1961
 - V. cowpea mosaic
 - McLean, D.M., 1941
 - Yu, T.F., 1946
 - V. cucumber mosaic
 - Bhargava, K.S., 1951
 - Harter, L.L., 1938
 - Wellman, F.L., 1935
 - V. filaree red leaf
 - Frazier, Norman W., 1951
 - V. kaimi clover disease *
 - Murakishi, Harry H., 1952
 - V. lucerne mosaic
 - Zaumeyer, W.J., 1938
 - Zaumeyer, W.J. and B.L. Wade, 1933
 - V. nicotiana glutinosa mosaic *
 - Allard, H.A., 1916
 - V. pea streak
 - Zaumeyer, W.J., 1938
 - V. red clover mosaic *
 - Zaumeyer, W.J. and B.L. Wade, 1933
 - V. tobacco mosaic
 - Allard, H.A., 1916
 - L. pratensis, L.
 - V. lucerne witches' broom
 - Klostermeyer, E.C. and J.D. Menzies, 1951
 - L. sativus, L.
 - V. cowpea mosaic
 - Capoor, S.P. and P.M. Varma, 1956
 - L. tuberosus, L.
 - V. pea mosaic
 - Murphy, D.M. and W.H. Pierce, 1937
- LAVATERA** L. 1737 (Malvaceae)
- L. assurgentiflora, Kellogg
 - V. beet curly top
 - Carsner, E., 1919
- L. trimestris**, L.
- V. chrysanthemum B (mild mosaic) *
 - Hollings, M., 1957
 - V. pea mosaic
 - Murphy, D.M. and W.H. Pierce, 1937
 - V. pelargonium ring spot *
 - Hollings, M., 1957
 - V. tobacco etch
 - Holmes, Francis O., 1946
 - V. tobacco mosaic
 - Holmes, Francis O., 1946
- LENS** ((Tourn.)) L. 1735 (Leguminosae)
- L. esculenta, Moench
 - V. bean common mosaic
 - Zaumeyer, W.J. and B.L. Wade, 1935
 - V. cowpea mosaic
 - Yu, T.F., 1946
 - V. cucumber mosaic
 - Harter, L.L., 1938
 - V. pea enation mosaic
 - Johnson, Folke and Leon K. Jones, 1937
 - V. tobacco etch
 - Holmes, Francis O., 1946
 - V. tobacco mosaic
 - Holmes, Francis O., 1946
- LEONOTIS** R. Br. in Ait. 1811 (Labiatae)
- L. nepetaefolia, (L.) R. Br.
 - V. cucumber mosaic
 - Adsuar, Jose and A. Cruz Miret, 1950
 - V. papaw mosaic
 - Adsuar, Jose, 1950
- LEONURUS** L. 1735 (Labiatae)
- L. cardiaca, L.
 - V. stone fruit *
 - Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- LEPIDIDIUM** L. 1735 (Cruciferae)
- L. lasiocarpum, Nutt. ex Torr. & Gray
 - V. beet yellows
 - Roland, G. and J. Tahon, 1961
 - V. beet curly top
 - Giddings, N.J., 1938
- L. virginicum**, L.
- V. beet mosaic
 - Pound, Glenn S., 1947
 - V. cucumber mosaic
 - Wellman, F.L., 1935
- LEPIDOSPARTUM** A. Gray 1883 (Compositae)
- L. squaratum, A. Gray
 - V. beet curly top
 - Severin, Henry H.P., 1939
- LEPTOCHLOA** Beauv. 1812 (Gramineae)
- L. filiformis, (Lam.) Beauv.
 - V. sugarcane mosaic
 - Brandes, E.W. and Peter J. Klaphaak, 1923
- LEPTONYCHIA** Turcz. 1858 (Sterculiaceae)
- L. pubescens, Keay
 - V. cacao swollen shoot
 - Tinsley, T.W. and A.L. Wharton, 1958
- LEPTOSYNE** DC. 1836 (Compositae)
- L. maritima, (Hook. f.) A. Gray
 - V. tobacco etch
 - Holmes, Francis O., 1946
- LESPEDEZA** Michx. 1803 (Leguminosae)
- L. bicolor, Turcz.
 - V. cowpea mosaic
 - Yu, T.F., 1946
 - L. striata, (Thunb.) Hook. & Arn.
 - V. bean yellow mosaic
 - Conover, Robert A., 1948
 - V. lucerne mosaic
 - Zaumeyer, W.J., 1938
 - V. pea streak
 - Zaumeyer, W.J., 1938
 - V. soybean mosaic
 - Conover, Robert A., 1948
- LESSINGIA** Cham. 1829 (Compositae)
- L. glandulifera, A. Gray
 - V. beet curly top
 - Severin, Henry H.P., 1939
- LIGULARIA** Cass. 1816 (Compositae)
- L. clivorum, Maxim.
 - V. chrysanthemum stunt
 - Brierley, Philip, 1953
- LIGUSTRUM** ((Tourn.)) L. 1735 (Oleaceae)
- L. lucidum, Ait.
 - V. lilac witches' broom
 - Brierley, Philip, 1955
 - Lorentz, Paul and Philip Brierley, 1953
 - L. obtusifolium, Sieb. & Zucc., var. regelianum, (Koehne) Rehd.
 - V. lilac witches' broom
 - Brierley, Philip, 1955
 - L. ovalifolium, Hassk.
 - V. lilac witches' broom
 - Lorentz, Paul and Philip Brierley, 1953

- LILIUM Tourn. ex L. 1737 (Liliaceae)
- L. auratum, Lindl.
 - V. onion yellow dwarf
 - Henderson, W.J., 1935
 - L. candidum, L.
 - V. onion yellow dwarf
 - Henderson, W.J., 1935
 - V. wheat streak mosaic
 - Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
 - L. davidi, Duch.
 - V. cucumber mosaic
 - Brierley, Philip, 1940
 - V. tulip breaking
 - Brierley, Philip, 1940
 - L. formosanum, (Baker) Wallace or Stapf *
 - V. nothoscordum mosaic
 - McKinney, H.H., 1950
 - V. ornithogalum mosaic
 - Smith, Floyd F. and Philip Brierley, 1944
 - V. pea mottle
 - Johnson, Folke, 1942
 - V. pea wilt
 - Johnson, Folke, 1942
 - V. tomato aspermy
 - Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 - L. hansonii, Leichtl.
 - V. cucumber mosaic
 - Brierley, Philip, 1940
 - V. lily symptomless
 - Brierley, Philip and Floyd F. Smith, 1944
 - V. tulip breaking
 - Brierley, Philip, 1940
 - Brierley, Philip and Floyd F. Smith, 1944
 - L. henryi, Baker
 - V. cucumber mosaic
 - Brierley, Philip and Floyd F. Smith, 1944
 - V. lily symptomless
 - Brierley, Philip and Floyd F. Smith, 1944
 - V. tulip breaking
 - Brierley, Philip and Floyd F. Smith, 1944
 - L. humboldtii, Roez. & Leichtl.
 - V. cucumber mosaic
 - Brierley, Philip and Floyd F. Smith, 1944
 - V. lily symptomless
 - Brierley, Philip and Floyd F. Smith, 1944
 - V. tulip breaking
 - Brierley, Philip and Floyd F. Smith, 1944
 - L. longiflorum, Thunb.
 - V. onion yellow dwarf
 - Henderson, W.J., 1935
 - V. orchid (vanda) mosaic
 - Murakishi, Harry H., 1952
 - V. ornithogalum mosaic
 - Smith, Floyd F. and Philip Brierley, 1944
 - L. longiflorum var. gigantium, Hort.
 - V. narcissus mosaic
 - Haasis, Frank A., 1939
 - L. martagon, L., var. album, Hort. x L. hansonii, Leichtl.
 - V. cucumber mosaic
 - Brierley, Philip, 1940
 - V. tulip breaking
 - Brierley, Philip, 1940
 - L. nepalense, D. Don
 - V. cucumber mosaic
 - Brierley, Philip, 1940
 - V. tulip breaking
 - Brierley, Philip, 1940
 - L. pardalinum, Kellogg
 - V. cucumber mosaic
 - Brierley, Philip and Floyd F. Smith, 1944
 - V. lily symptomless
 - Brierley, Philip and Floyd F. Smith, 1944
 - V. tulip breaking
 - Brierley, Philip and Floyd F. Smith, 1944
 - L. pardalinum var. giganteum *
 - V. cucumber mosaic
 - Brierley, Philip, 1940
 - V. tulip breaking
 - Brierley, Philip, 1940
 - L. parryi, Wats.
 - V. cucumber mosaic
 - Brierley, Philip and Floyd F. Smith, 1944
 - L. parvum, Kellogg
 - V. cucumber mosaic
 - Brierley, Philip and Floyd F. Smith, 1944
 - V. tulip breaking
 - Brierley, Philip and Floyd F. Smith, 1944
 - L. philippinense, Baker
 - V. tobacco etch
 - Holmes, Francis O., 1946
 - V. tobacco mosaic
 - Holmes, Francis O., 1946
 - L. regale, Wilson
 - V. onion yellow dwarf
 - Henderson, W.J., 1935
 - L. sargentiae, Wilson
 - V. cucumber mosaic
 - Brierley, Philip and Floyd F. Smith, 1944
 - V. lily symptomless
 - Brierley, Philip and Floyd F. Smith, 1944
 - V. tulip breaking
 - Brierley, Philip and Floyd F. Smith, 1944
 - L. speciosum, Thunb.
 - V. onion yellow dwarf
 - Henderson, W.J., 1935
 - L. superbum, L.
 - V. cucumber mosaic
 - Brierley, Philip and Floyd F. Smith, 1944
 - V. lily symptomless
 - Brierley, Philip and Floyd F. Smith, 1944
 - V. tulip breaking
 - Brierley, Philip and Floyd F. Smith, 1944
 - L. tigrinum, Ker-Cawl.
 - V. onion yellow dwarf
 - Henderson, W.J., 1935
- LIMONIUM Tourn. ex Mill. 1752 (Plumbaginaceae)
- L. bonduelli, (Lest.) Kuntze
 - V. tobacco etch
 - Holmes, Francis O., 1946
 - L. latifolium, (J.E. Sm.) Kuntze
 - V. cabbage black ring spot
 - Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - V. cucumber mosaic
 - Wellman, F.L., 1935
 - V. turnip mosaic
 - Tompkins, C.M., 1938
 - L. sinuatum, (L.) Mill.
 - V. squash mosaic
 - Freitag, J.H., 1956
 - V. tobacco etch
 - Holmes, Francis O., 1946
- LINARIA Tourn. ex Mill. 1752 (Scrophulariaceae)
- L. canadensis, (L.) Dumort.
 - V. cucumber mosaic
 - Wellman, F.L., 1935
 - L. floridana, Chapm.
 - V. cucumber mosaic
 - Wellman, F.L., 1935
 - L. vulgaris, Mill.
 - V. beet yellows
 - Roland, G. and J. Tahon, 1961
 - V. tobacco etch
 - Holmes, Francis O., 1946
- LINUM Tourn. ex L. 1735 (Linaceae)
- L. flavum, L.
 - V. tobacco etch
 - Holmes, Francis O., 1946
 - V. tobacco mosaic
 - Holmes, Francis O., 1946
 - L. grandiflorum, Desf.
 - V. pea mosaic
 - Murphy, D.M. and W.H. Pierce, 1937
 - V. tobacco etch
 - Holmes, Francis O., 1946
 - V. tobacco mosaic
 - Holmes, Francis O., 1946

- Linum lewisii*, Pursh
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- L. perenne*, L.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic*
 Holmes, Francis O., 1946
- L. usitatissimum*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- LOBELIA** Plum. ex L. 1737 (Lobeliaceae)
- L. erinus*, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
- V. tobacco etch*
 Holmes, Francis O., 1946
- L. hybrida*, Hort.
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
- V. primula mosaic*
 Tompkins, C.M. and John T. Middleton, 1941
- V. radish mosaic*
 Tompkins, C.M., 1939
- V. turnip mosaic*
 Tompkins, C.M., 1938, 1939
- Tompkins*, C.M. and H. Rex Thomas, 1938
- L. inflata*, L.
 V. tobacco mosaic
 Holmes, Francis O., 1938
- L. spp.*
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- LOBULARIA** Desv. 1814 (Cruciferae)
- L. maritima*, (L.) Desv.
 V. anemone mosaic *
 Hollings, M., 1957
- V. beet mosaic*
 Pound, Glenn S., 1947
- V. chrysanthemum B (mild mosaic) **
 Hollings, M., 1957
- V. cucumber mosaic*
 Wellman, F.L., 1935
- V. tobacco etch*
 Holmes, Francis O., 1946
- LOLIUM** L. 1735 (Gramineae)
- L. perenne*, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- Oswald, John W. and Byron R. Houston, 1953
- L. spp.*
 V. panicum mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
- LOTUS** ((Tourn.)) L. 1735 (Leguminosae)
- L. corniculatus*, L.
 V. lucerne mosaic
 Kreitlow, K.W. and W.C. Price, 1949
- V. lucerne witches' broom*
 Menzies, J.D., 1946
- V. pea enation mosaic*
 McEwen, F.L. and W.T. Schroeder, 1956
- L. ornithopodioides*, L.
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- L. uliginosus*, Schkuhr
 V. pea enation mosaic
 McEwen, F.L. and W.T. Schroeder, 1956
- LUCCA** ((Tourn.)) L. 1735 (Cucurbitaceae)
- L. acutangula*, Roxb.
 V. datura distortion mosaic
 Kapoor, S.P. and P.M. Varma, 1952
- V. tobacco etch*
 Holmes, Francis O., 1946
- V. tobacco mosaic*
 Holmes, Francis O., 1946
- L. aegyptiaca*, Mill. (L. cylindrica, Roem.)
 V. cucumber mosaic
 Nariani, T.K. and Nirmaljit Singh, 1952
- L. aegyptiaca*, Mill. (L. cylindrica, Roem.) (cont.)
- V. papaw mosaic
 Adsuar, Jose, 1950
- V. prunus A **
 Fulton, Robert W., 1957
- V. prunus B **
 Fulton, Robert W., 1957
- V. prunus E **
 Fulton, Robert W., 1957
- V. prunus G **
 Fulton, Robert W., 1957
- V. tomato ring spot*
 Samson, R.W. and E.P. Imle, 1942
- L. spp.*
- V. citrus tristeza*
 Knorr, L.C., 1956
- LUNARIA** Tourn. ex L. 1735 (Cruciferae)
- L. annua*, L.
 V. radish mosaic
 Tompkins, C.M., 1939
- V. tobacco etch*
 Holmes, Francis O., 1946
- V. turnip mosaic*
 Tompkins, C.M., 1939
- LUPINUS** ((Tourn.)) L. 1735 (Leguminosae)
- L. affinis*, Agardh.
 V. beet curly top
 Carsner, E., 1919
- L. albus*, L.
 V. bean common mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
- V. bean southern mosaic*
 Zaumeyer, W.J. and L.L. Harter, 1943
- V. bean yellow mosaic*
 Zaumeyer, W.J. and H.H. Fisher, 1953
- Zaumeyer*, W.J. and B.L. Wade, 1935
- V. beet yellows*
 Roland, G. and J. Tahon, 1961
- V. cowpea mosaic*
 Yu, T.F., 1946
- V. cucumber mosaic*
 Harter, L.L., 1938
- V. lucerne mosaic*
 Zaumeyer, W.J. and B.L. Wade, 1935
- V. lupine disease **
 Weimer, J.L., 1950
- V. pea enation mosaic*
 Hagedorn, D.J. and J.C. Walker, 1954
- Stubbs*, M.W., 1937
- V. pea streak*
 Zaumeyer, W.J., 1938
- V. red clover mosaic **
 Zaumeyer, W.J. and B.L. Wade, 1935
- L. angustifolius*, L.
 V. bean yellow mosaic
 Conover, Robert A., 1948
- V. soybean mosaic*
 Conover, Robert A., 1948
- V. Wisconsin pea streak*
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
- L. hartwegii*, Lindl.
 V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
- V. squash mosaic*
 Freitag, J.H., 1956
- V. tobacco etch*
 Holmes, Francis O., 1946
- V. tobacco mosaic*
 Holmes, Francis O., 1946
- V. tomato ring spot*
 Samson, R.W. and E.P. Imle, 1942
- L. hirsutus*, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
- V. pea wilt*
 Johnson, Folke, 1942
- L. luteus*, L.
 V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
- V. bean yellow mosaic*
 Conover, Robert A., 1948

- Lupinus luteus*, L. (cont.)
 V. pea streak
 Zaumeyer, W.J., 1938
 V. soybean mosaic
 Conover, Robert A., 1948
L. mutabilis, Sweet
 V. cucumber mosaic
 McKnight, T., 1953
L. polyphyllus, Lindl.
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. cucumber mosaic
 Govier, D.A., 1957
 V. pea mosaic
 Chaudhuri, R.P., 1950
 V. squash mosaic
 Freitag, J.H., 1956
 V. tomato aspermy
 Hollings, M., 1955
L. pubescens, Benth. (*L. hybridus*, Voss)
 V. beet mosaic
 Pound, Glenn S., 1947
L. spp.
 V. lucerne mosaic
 Kreitlow, K.W. and W.C. Price, 1949
- LYCHNIS ((Tourn.))** L. 1735 (Caryophyllaceae)
L. alba, Mill.
 V. cucumber mosaic
 Faan, Hwei-Chung and James Johnson, 1951
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 V. tobacco mosaic
 Holmes, Francis O., 1938
 V. tobacco necrosis
 Fulton, Robert W., 1950
L. coeli-rosa, (L.) Desr.
 V. tobacco etch
 Holmes, Francis O., 1946
L. viscaria, L.
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- LYCIUM** L. 1735 (Solanaceae)
L. barbarum, L.
 V. potato X
 Cockerham, George, 1943
 V. red currant ring spot
 Klessner, P.J., 1951
L. halimifolium, Mill.
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- LYCOPERSICON** Tourn. ex Rupp. 1745 (Solanaceae)
 (LYCOPERSICUM) Hill 1765
L. chilense, Dun.
 V. beet curly top
 Virgin, Walter J., 1940
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1943
L. esculentum, Mill. (*Solanum lycopersicum*, L.)
 V. anemone mosaic *
 Hollings, M., 1957
 V. barley stripe mosaic
 Sill, W.H., Jr. and E.D. Hansing, 1955
 V. bayberry yellows
 Raychaudhuri, S.P., 1953
 V. bean common mosaic
 Ainsworth, G.C., 1940
 V. bean pod mottle
 Zaumeyer, W.J. and H. Rex Thomas, 1948
 V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
 V. bean yellow mosaic
 Ainsworth, G.C., 1940
 Conover, Robert A., 1948
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
 Thomas, H. Rex and W.J. Zaumeyer, 1953
- V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
 V. beet curly top
 Bennett, C.W., Eubanks Carsner, F.H. Coons and E.W. Brandes, 1946
 Giddings, N.J., 1938
 V. beet mosaic
 Bennett, C.W., 1949
 Pound, Glenn S., 1947
 Severin, Henry H.P. and Roger M. Drake, 1948
 V. beet yellow net
 Sylvester, Edward S., 1948
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. broad bean mottle
 Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
 Yu, T.F., 1939
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
 V. canna mosaic
 Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
 V. cauliflower mosaic
 Alvarez-Garcia, L.A., 1951
 Caldwell, John and Ian W. Prentice, 1942
 V. chilli (pepper) mosaic
 Dale, W.T., 1954
 Ferguson, I.A.C., 1951
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. chrysanthemum latent *
 Hollings, M., 1957
 V. chrysanthemum Q
 Brierley, Philip and Floyd F. Smith, 1953
 V. cineraria mosaic
 Jones, Leon K., 1944
 V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
 V. cowpea mosaic
 Anderson, C.W., 1955
 Kapoor, S.P. and P.M. Varma, 1956
 Dale, W.T., 1949
 McLean, D.M., 1941
 Yu, T.F., 1946
 V. cucumber green mottle mosaic
 Ainsworth, G.C., 1935
 Vasudeva, R.S. and T.K. Nariani, 1952
 Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 V. cucumber mosaic
 Doolittle, S.P. and W.W. Gilbert, 1918
 McKnight, T., 1953
 Vasudeva, R. Sahai and T.B. Lal, 1943
 V. eryngium yellow mosaic *
 Johnson, James and Edith M. Hein, 1948
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
 V. filaree red leaf
 Frazier, Norman W., 1951
 V. hibiscus yellow vein mosaic
 Kapoor, S.P. and P.M. Varma, 1950
 V. hydrangea ring spot
 Brierley, Philip and Paul Lorentz, 1957
 V. iris mosaic
 Brierley, Philip and Frank P. McWhorter, 1936
 V. lettuce mosaic
 Ainsworth, G.C., 1940
 Ainsworth, G.C. and L. Ogilvie, 1939
 V. lucerne mosaic
 Berkeley, G.H., 1947
 Johnson, E.M., 1946
 Kreitlow, K.W. and W.C. Price, 1949
 Oswald, John W., 1950
 Thomas, H. Rex, 1951
 Zaumeyer, W.J., 1938, 1953
 V. lupine disease *
 Weimer, J.L., 1950
 V. malva yellow vein mosaic *
 Costa, A.S. and James E. Duffus, 1957
 V. nicotiana glutinosa mosaic *
 Allard, H.A., 1916

- Lycopersicon esculentum*, Mill. (*Solanum lycopersicum*, L.) (cont.)
 V. *nothoscordum* mosaic
 McKinney, H.H., 1950
 V. *orchid* (*cymbidium*) mosaic
 Jensen, D.D., 1951
 V. *orchid* (*odontoglossum*) ring spot
 Jensen, D.D. and A. Herbert Gold, 1951
 V. *orchid* (*vanda*) mosaic
 Murakishi, Harry H., 1952
 V. *panax* ring spot
 Aragaki, M., H. Murakishi and J.W. Hendrix, 1953
 V. *papaw* mosaic
 Adsuar, Jose, 1950
 V. *papaw* ring spot
 Jensen, D.D., 1949
 V. *pea enation* mosaic
 Ainsworth, G.C., 1940
 Hagedorn, D.J. and J.C. Walker, 1954
 Osborn, H.T., 1938
 Simons, John N., 1954
 Stubbs, M.W., 1937
 V. *pea* mosaic
 Ainsworth, G.C., 1940
 Chaudhuri, R.P., 1950
 Hagedorn, D.J. and J.C. Walker, 1954
 Osborn, H.T., 1937
 Stubbs, M.W., 1937
 V. *pea mottle*
 Johnson, Folke, 1942
 V. *pea streak*
 Zaumeyer, W.J., 1938
 V. *pea wilt*
 Johnson, Folke, 1942
 V. *pea yellow* mosaic *
 Ainsworth, G.C., 1940
 V. *pelargonium* leaf curl
 Jones, Leon K., 1940
 V. *physalis floridana* yellow net
 Webb, R.E., 1955
 V. *pokeweed* mosaic *
 Allard, H.A., 1918
 V. *potato* A
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 V. *potato paracrinkle*
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 Kassanis, B., 1955
 V. *potato* Y
 Hamilton, Marion A., 1932
 V. *primula* mosaic
 Severin, Henry H.P. and C.M. Tompkins, 1950
 V. *red clover* vein mosaic
 Hagedorn, D.J. and E.W. Hanson, 1951
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 Osborn, H.T., 1937
 V. *soybean* mosaic
 Conover, Robert A., 1948
 V. *spinach* yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
 V. *squash* mosaic
 Freitag, J.H., 1956
 V. *squash* mosaic (southern)
 Anderson, C.W., 1951
 V. *stone fruit**
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 V. *sweet potato* mosaic
 Borders, H.I. and T.J. Ratcliff, 1954
 V. *tobacco coarse* etch
 Johnson, E.M., 1930
 V. *tobacco green* mosaic
 McKinney, H.H., 1929
 Peterson, Paul D. and H.H. McKinney, 1938
 V. *tobacco* mosaic
 McKinney, H.H., 1935
 V. *tobacco* ring spot
 Berkeley, G.H., 1953
 Bridgmon, G.H. and J.C. Walker, 1952
 Cooper, W.E., 1949
 Grogan, R.G. and W.C. Schnathorst, 1955
 Johnson, E.M., 1930
 Pound, Glenn S., 1949
 Stubbs, M.W., 1937
 L. *esculentum*, Mill. (*Solanum lycopersicum*, L.) (cont.)
 V. *tobacco ring spot*
 Wingard, S.A., 1928
 V. *tobacco streak*
 Johnson, J., 1936
 Thomas, H. Rex and W.J. Zaumeyer, 1950
 V. *tobacco stunt**
 Hidaka, Yun, Tetsuo Uozumi and Chuji Hiruki, 1956
 V. *tropaeolum* mosaic
 Silberschmidt, Karl, 1953
 V. *tulip* breaking
 McWhorter, F.P., 1935
 V. *turnip* rosette *
 Broadbent, L. and G.D. Heathcote, 1958
 V. *Wisconsin pea* streak
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 L. *esculentum* var. *commune*, Bailey *
 V. *celery* mosaic
 Freitag, Julius H. and Henry H.P. Severin, 1945
 V. *pea* mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 L. *esculentum* var. *vulgare*, Bailey
 V. *cabbage black* ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. *cauliflower* mosaic
 Tompkins, C.M., 1937
 V. *primula* mosaic
 Tompkins, C.M. and John T. Middleton, 1941
 V. *radish* mosaic
 Tompkins, C.M., 1939
 V. *turnip* mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 L. *lycopersicon*, (L.) Karst. *
 V. *cucumber* mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 L. *peruvianum*, (L.) Mill.
 V. *beet* curly top
 Giddings, N.J., C.W. Bennett and A.L. Harrison, 1951
 V. *tomato* ring spot
 Samson, R.W. and E.P. Imle, 1942
 V. *tomato* spotted wilt
 Smith, Paul G., 1944
 L. *pimpinellifolium*, (Jusl.) Mill.
 V. *beet* curly top
 Giddings, N.J., C.W. Bennett and A.L. Harrison, 1951
 V. *cabbage black* ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. *cabbage* ring necrosis
 Larson, R.H. and J.C. Walker, 1941
 V. *cauliflower* mosaic
 Tompkins, C.M., 1937
 V. *cowpea* mosaic
 Yu, T.F., 1946
 V. *radish* mosaic
 Tompkins, C.M., 1939
 V. *turnip* mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
LYCOPUS Tourn. ex L. 1735 (Labiatae)
 L. *rubellus*, Moench
 V. *tobacco* etch
 Holmes, Francis O., 1946
 V. *tobacco* mosaic
 Holmes, Francis O., 1938
 L. *virginicus*, L.
 V. *tobacco* mosaic
 Holmes, Francis O., 1938
LYTHRUM L. 1735 (Lythraceae)
 L. *salicaria*, L.
 V. *anemone* brown ring *
 Hollings, M., 1958
 V. *chrysanthemum* B (mild mosaic) *
 Hollings, M., 1957
 V. *chrysanthemum* latent *
 Hollings, M., 1957

- MALACHRA** L. 1767 (Malvaceae)
M. capitata, L.
 V. *abutilon* infectious variegation
 Bird, Julio, 1958
- MALCOLMIA** ((R. Br. in) Ait. Hort. Kew. 1812
 (MALCOLMIA Spreng.) 1818 (Cruciferae)
M. africana, ((R. Br. in) Ait. Hort. Kew.
 V. *beet* curly top
 Giddings, N.J., 1944
M. maritima, R. Br.
 V. cauliflower mosaic
 Caldwell, John and Ian W. Prentice, 1942
 Tompkins, C.M., 1937
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
 V. tobacco ring spot
 Wingard, S.A., 1928
 V. turnip mosaic
 Tompkins, C.M., 1939
- MALOPE** L. 1735 (Malvaceae)
M. trifida, Cav.
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- MALUS** Tourn. ex L. 1737 (Rosaceae)
M. spp.
 V. *beet* curly top
 Giddings, N.J., 1944
M. sylvestris, Mill.
 V. lucerne dwarf
 Freitag, J.H., 1951
 V. tobacco ring spot
 Wingard, S.A., 1928
 V. tobacco streak
 Fulton, Robert W., 1956
- MALVA** ((Tourn.)) L. 1735 (Malvaceae)
M. moschata, L.
 V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
 Hildebrand, 1947
M. parviflora, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex
 Thomas, 1938
 V. lucerne dwarf
 Freitag, J.H., 1951
M. rotundifolia, L.
 V. beet mosaic
 Severin, Henry H.P. and Roger M. Drake, 1947
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cucumber mosaic
 Burnett, G., 1934
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
 V. tobacco ring spot
 Fenne, S.B., 1931
M. spp.
 V. potato leaf roll
 MacCarthy, H.R., 1954
M. sylvestris, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- MALVASTRUM** A. Gray 1849 (Malvaceae)
M. coromandelianum, Garcke
 V. papaw ring spot
 Jensen, D.D., 1949
- MANIHOT** Tourn. ex Adans. 1763 (Euphorbiaceae)
M. esculenta, Crantz (M. utilissima, Pohl)
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- M. esculenta*, Crantz (M. utilissima, Pohl) (cont.)
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
M. glaziovii, Muell. Arg.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- MANSONIA** J.R. Drumm. 1905 (Sterculiaceae)
M. altissima, A. Chev.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- MARANTA** Plum. ex L. 1737 (Marantaceae)
M. arundinaceae, L.
 V. canna mosaic
 Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
M. bicolor, Ker
 V. tulip breaking
 Briérley, Philip and Floyd F. Smith, 1944
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- MARRUBIUM** Tourn. ex L. 1735 (Labiatae)
M. vulgare, L.
 V. *beet* curly top
 Carsner, E., 1919
 Severin, Henry H.P., 1939
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. tobacco etch
 Holmes, Francis O., 1946
- MATRICARIA** ((Tourn.)) L. 1735 (Compositae)
M. chamomilla, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
M. discoidea, DC.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
M. inodora, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
M. suaveolens, (Pursh) Buch.
 V. lucerne dwarf
 Freitag, J.H., 1951
- MATTHIOLA** R. Br. 1812 (Cruciferae)
M. bicornis, (Sibth. & Sm.) DC.
 V. tobacco etch
 Holmes, Francis O., 1946
 V. turnip mosaic
 Tompkins, C.M., 1938
M. incana, (L.) R. Br.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cucumber mosaic
 Govier, D.A., 1957
 Wellman, F.L., 1935
 V. dodder latent mosaic
 Bennett, C.W., 1944
 V. filaree red leaf
 Frazier, Norman W., 1951
 V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tomato aspermy
 Briérley, Philip, Floyd F. Smith and S.P.
 Doolittle, 1955
 V. turnip mosaic
 Tompkins, C.M., 1939
M. incana var. *annua*, (L.) Voss
 V. beet mosaic
 Pound, Glenn S., 1947
 Severin, Henry H.P. and Roger M. Drake, 1948
 V. cauliflower mosaic
 Caldwell, John and Ian W. Prentice, 1942

- Matthiola incana*, (L.) R. Br., var. *annua*, (L.) Voss
V. chrysanthemum B (mild mosaic) * (cont.)
 Hollings, M., 1957
V. orchid (*odontoglossum*) ring spot
 Jensen, D.D. and A. Herbert Gold, 1951
V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
V. radish mosaic
 Tompkins, C.M., 1939
V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
V. squash mosaic
 Freitag, J.H., 1956
V. turnip mosaic
 LeBeau, Francis J. and J.C. Walker, 1945
- MEDEOLA* Gronov. ex L. 1735 (Liliaceae)
M. virginica, L.
V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- MEDICAGO* Tourn. ex L. 1737 (Leguminosae)
M. arabica, (L.) All.
V. lucerne witches' broom
 Menzies, J.D., 1946
M. hispida, Gaertn.
V. bean yellow mosaic
 Grogan, Raymond G. and J.C. Walker, 1948
V. squash mosaic
 Freitag, J.H., 1956
M. lacinata, Mill.
V. lucerne witches' broom
 Klostermeyer, E.C. and J.D. Menzies, 1951
M. lupulina, L.
V. beet yellows
 Roland, G. and J. Tahon, 1961
V. lucerne mosaic
 Kreitlow, K.W. and W.C. Price, 1949
V. pea enation mosaic
 Johnson, Folke and Leon K. Jones, 1937
 McEwen, F.L. and W.T. Schroeder, 1956
V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
V. red currant ring spot
 Klesser, P.J., 1951
M. orbicularis, All.
V. red clover vein mosaic
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
M. sativa, L.
V. barley stripe mosaic
 Sill, W.H., Jr. and E.D. Hansing, 1955
V. bayberry yellows
 Raychaudhuri, S.P., 1953
V. bean common mosaic
 Snyder, W.C., 1942
 Zaumeyer, W.J. and B.L. Wade, 1935
V. bean Montana *
 Afanasiev, M.M. and H.E. Morris, 1946
V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
V. bean yellow mosaic
 Afanasiev, M.M. and H.E. Morris, 1952
 Conover, Robert A., 1948
 Elliott, J.A., 1921
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
 Houston, Byron R. and John W. Oswald, 1953
 Pierce, W.H., 1935
 Thomas, H. Rex and W.J. Zaumeyer, 1953
 Zaumeyer, W.J., 1952
 Zaumeyer, W.J. and H.H. Fisher, 1953
 Zaumeyer, W.J. and B.L. Wade, 1935
V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
V. beet curly top
 Giddings, N.J., 1944
V. beet mosaic
 Bennett, C.W., 1949
V. beet yellows
 Roland, G. and J. Tahon, 1961
- M. sativa*, L. (cont.)
V. broad bean mottle
 Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
V. cauliflower mosaic
 Alvarez-Garcia, L.A., 1951
V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
V. chilli veinbanding
 Simons, John N., 1956
V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
V. clover big vein
 Black, L.M. and M.K. Brakke, 1952
V. cowpea mosaic
 Kapoor, S.P. and P.M. Varma, 1956
 Yu, T.F., 1946
V. cucumber mosaic
 Doolittle, S.P. and W.J. Zaumeyer, 1953
 Hagedorn, D.J. and J.C. Walker, 1954
 Simons, John N., 1957
V. filaree red leaf
 Frazier, Norman W., 1951
V. hibiscus yellow vein mosaic
 Kapoor, S.P. and P.M. Varma, 1950
V. kaimi clover disease *
 Murakishi, Harry H., 1952
V. lucerne mosaic
 Johnson, E.M., 1946
 Kreitlow, K.W. and W.C. Price, 1949
 Porter, D.R., 1935
V. onion yellow dwarf
 Henderson, W.J., 1935
V. pea enation mosaic
 Hagedorn, D.J. and J.C. Walker, 1954
 Osborn, H.T., 1938
 Pierce, W.H., 1935
 Simons, John N., 1954
 Stubbs, M.W., 1937
V. pea mosaic
 Chaudhuri, R.P., 1950
 Hagedorn, D.J. and J.C. Walker, 1954
 Murphy, D.M. and W.H. Pierce, 1937
 Pierce, W.H., 1935
 Stubbs, M.W., 1937
V. pea wilt
 Johnson, Folke, 1942
V. potato yellow dwarf
 Black, L.M., 1943
V. red clover mosaic *
 Elliott, J.A., 1921
 Zaumeyer, W.J. and B.L. Wade, 1935
V. red clover vein mosaic
 Graves, Clinton H., Jr. and D.J. Hagedorn, 1956
 Hagedorn, D.J. and E.W. Hanson, 1951
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 Osborn, H.T., 1937
V. soybean mosaic
 Conover, Robert A., 1948
 Pierce, W.H., 1935
V. squash mosaic
 Freitag, J.H., 1956
V. tobacco broad ring spot
 Johnson, James and Robert W. Fulton, 1942
V. tobacco etch
 Holmes, Francis O., 1946
V. tobacco mosaic
 Costa, A.S., 1944
 Holmes, Francis O., 1938, 1946
 Johnson, Folke, 1941
V. tobacco ring spot
 Benedict, W.G., 1955
 Grogan, R.G. and W.C. Schnathorst, 1955
 Stubbs, M.W., 1937
V. tobacco streak
 Thomas, H. Rex and W.J. Zaumeyer, 1950
V. vaccinium false blossom
 Costa, A.S., 1944
 Kunkel, L.O., 1945
V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 Skotland, C.B. and D.J. Hagedorn, 1954

MELANDRYUM Reichb. 1837 (Caryophyllaceae)

M. album, Garcke

V. beet yellows

Roland, G. and J. Tahon, 1961

M. rubrum, Garcke

V. beet yellows

Roland, G. and J. Tahon, 1961

MELILOTUS Tourn. ex Hall. 1742 (Leguminosae)

M. alba, Desr.

V. anemone mosaic *

Hollings, M., 1957

V. bean common mosaic

Snyder, W.C., 1942

Zaumeyer, W.J. and B.L. Wade, 1935

V. bean pod mottle

Zaumeyer, W.J. and H. Rex Thomas, 1948

V. bean southern mosaic

Zaumeyer, W.J. and L.L. Harter, 1943

V. bean yellow mosaic

Baggett, James R., 1957

Grogan, Raymond G. and J.C. Walker, 1948

Zaumeyer, W.J. and B.L. Wade, 1935

V. bean yellow stipple

Zaumeyer, W.J. and H. Rex Thomas, 1950

V. beet mosaic

Bennett, C.W., 1949

V. beet yellows

Roland, G. and J. Tahon, 1961

V. chrysanthemum B (mild mosaic) *

Hollings, M., 1957

V. cowpea mosaic

Yu, T.F., 1946

V. cucumber mosaic

Bridgmon, G.H. and J.C. Walker, 1952

V. gladiolus *

Snow, Gordon F., 1955

V. kaimi clover disease *

Murakishi, Harry H., 1952

V. onion yellow dwarf

Henderson, W.J., 1935

V. pea enation mosaic

Hagedorn, D.J. and J.C. Walker, 1954

Osborn, H.T., 1938

Stubbs, M.W., 1937

V. pea mosaic

Hagedorn, D.J. and J.C. Walker, 1954

Stubbs, M.W., 1937

V. prunus E *

Fulton, Robert W., 1957

V. red clover mosaic *

Dickson, B.T., 1922

Zaumeyer, W.J. and B.L. Wade, 1935

V. soybean mosaic

Conover, Robert A., 1948

V. squash mosaic

Freitag, J.H., 1956

V. stone fruit *

Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954

V. tobacco broad ring spot

Johnson, James and Robert W. Fulton, 1942

V. tobacco ring spot

Bridgmon, G.H. and J.C. Walker, 1952

Cheo, Pen Ching and W.J. Zaumeyer, 1952

M. dentata, (Waldst. & Kit.) Pers.

V. beet yellows

Roland, G. and J. Tahon, 1961

M. hybrida *

V. tobacco ring spot

Benedict, W.G., 1955

M. indica, (L.) All.

V. bean common mosaic

Snyder, W.C., 1942

V. dodder latent mosaic

Bennett, C.W., 1944

V. prunus E *

Fulton, Robert W., 1957

V. squash mosaic

Freitag, J.H., 1956

M. officinalis, (L.) Lam.

V. bean yellow mosaic

Grogan, Raymond G. and J.C. Walker, 1948

V. cucumber mosaic

Whipple, O.C. and J.C. Walker, 1941

M. officinalis, (L.) Lam. (cont.)

V. kaimi clover disease *

Murakishi, Harry H., 1952

V. pea enation mosaic

Johnson, Folke and Leon K. Jones, 1937

Pierce, W.H., 1935

V. pea mosaic

Osborn, H.T., 1938

V. prunus A *

Fulton, Robert W., 1957

V. prunus E *

Fulton, Robert W., 1957

V. prunus G *

Fulton, Robert W., 1957

V. red clover mosaic *

Dickson, B.T., 1922

V. red currant ring spot

Klessner, P.J., 1951

V. soybean mosaic

Conover, Robert A., 1948

Pierce, W.H., 1935

V. squash mosaic

Freitag, J.H., 1956

V. stone fruit *

Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954

V. tobacco ring spot

Benedict, W.G., 1955

MELISSA Tourn. ex L. 1737 (Labiatae)

M. officinalis, L.

V. tobacco etch

Holmes, Francis O., 1946

MELOCHIA Dill. ex L. 1735 (Sterculiaceae)

M. melissaeifolia, Benth.

V. cacao swollen shoot

Tinsley, T.W. and A.L. Wharton, 1958

M. pyramidalis, L.

V. cacao swollen shoot

Tinsley, T.W. and A.L. Wharton, 1958

MELOTHRIA L. 1737 (Cucurbitaceae)

M. guadalupensis, (Spreng.) Cogn.

V. prunus A *

Fulton, Robert W., 1957

M. pendula, L.

V. prunus G *

Fulton, Robert W., 1957

MENTHA ((Tourn.)) L. 1735 (Labiatae)

M. piperita, L.

V. tobacco ring spot

Wingard, S.A., 1928

M. spicata, L.

V. cucumber mosaic

Wellman, F.L., 1935

M. muskmelon mosaic

Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

V. tobacco etch

Holmes, Francis O., 1946

MENTZELIA Plum. ex L. 1737 (Loasaceae)

M. pumila, Torr. & Gray

V. beet yellows

Roland, G. and J. Tahon, 1961

MESEMBRYANTHEMUM Dill. ex L. 1735 (Aizoaceae)

M. aequilaterale, Haw.

V. beet yellows

Roland, G. and J. Tahon, 1961

M. crystallinum, L.

V. pea mosaic

Murphy, D.M. and W.H. Pierce, 1937

V. tobacco etch

Holmes, Francis O., 1946

M. lineare, Thunb.

V. tobacco etch

Holmes, Francis O., 1946

- MILLETTIA** Wight & Arn. 1834 (Leguminosae)
M. thonningii, Baker
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- MIMULUS** L. 1741 (Scrophulariaceae)
M. luteus, L.
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. red currant ring spot
 Klessner, P.J., 1951
 V. tobacco etch
 Holmes, Francis O., 1946
M. moschatus, Dougl.
 V. tobacco etch
 Holmes, Francis O., 1946
M. spp.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- MIRABILIS** Riv. ex L. 1735 (Nyctaginaceae)
M. jalapa, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 Wellman, F.L., 1935
 V. papaw mosaic
 Adsuar, Jose, 1950
 V. papaw ring spot
 Jensen, D.D., 1949
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
 V. squash mosaic
 Freitag, J.H., 1956
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- MISCANTHUS** Anderss. 1855 (Gramineae)
M. sinensis, Anderss., var. *variegatus*, Beal
 V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
M. sinensis var. *zebrinus*, Beal
 V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
- MOLLUGO** L. 1737 (Aizoaceae)
M. verticillata, L.
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- MOMORDICA** ((Tourn.)) L. 1735 (Cucurbitaceae)
M. charantia, L.
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 V. papaw mosaic
 Adsuar, Jose, 1950
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. watermelon mosaic
 Anderson, C.W., 1954
- MORAEA** Mill. ex L. 1762 (Iridaceae)
M. iridioides, L.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
 V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- MUCANA** Adans. 1763 (Leguminosae)
 (STIZOLOBIUM) P. Br. 1756
M. derrigianum, (Bort) Merr.
 V. bean common mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
 V. bean yellow mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. cowpea mosaic
 Kapoor, S.P. and P.M. Varma, 1956
 V. lucerne mosaic
 Zaumeyer, W.J., 1938
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. pea streak
 Zaumeyer, W.J., 1938
 V. red clover mosaic *
 Zaumeyer, W.J. and B.L. Wade, 1935
- MUHLENBERGIA** Schreb. 1789 (Gramineae)
M. mexicana, (L.) Trin.
 V. onion yellow dwarf
 Henderson, W.J., 1935
- MURRAYA** Koen. ex L. 1771 (Rutaceae)
M. koenigii, Spreng.
 V. citrus tristeza
 Knorr, L.C., 1956
- MUSA** L. 1736 (Musaceae)
M. balbisiana, Colla
 V. abaca bunchy top
 Bernardo, Fernando A. and Dioscoro L. Umali, 1956
 V. cucumber mosaic
 Bernardo, Fernando A. and Dioscoro L. Umali, 1956
M. banksii, F. Muell.
 V. cucumber mosaic
 Bernardo, Fernando A. and Dioscoro L. Umali, 1956
M. cavendishii, Lamb.
 V. abaca bunchy top
 Ocfemia, G.O. and Gabino G. Buhay, 1934
 V. canna mosaic
 Brierley, Philip and Floyd F. Smith, 1948
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
 Celino, M.S. and Aureo L. Martinez, 1956
 V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- M. ensete*, Gmel.
 V. canna mosaic
 Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
M. ornatus, Roxb.
 V. cucumber mosaic
 Bernardo, Fernando A. and Dioscoro L. Umali, 1956
- M. paradisiaca*, L.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
M. paradisiaca subsp. *sapientum*, (L.) Kuntze
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
- M. paradisiaca* subsp. *sapientum* var. *cinerea*, Blanco
 V. abaca bunchy top
 Ocfemia, G.O. and Gabino G. Buhay, 1934
 V. cucumber mosaic
 Celino, Martin S., 1940
- M. paradisiaca* subsp. *sapientum* var. *lacatan*, Blanco
 V. abaca bunchy top
 Ocfemia, G.O. and Gabino G. Buhay, 1934

- Musa paradisiaca*, L., subsp. *sapientum*, (L.) Kuntze,
var. *lacatan*, Blanco (cont.)
V. cucumber mosaic
Celino, Martin S., 1940
- M. paradisiaca* subsp. *sapientum* var. *suaveolens*, Blanco
V. abaca bunchy top
Ocfemia, G.O. and Gabino G. Buhay, 1934
- V. cucumber mosaic
Celino, Martin S., 1940
- M. sapientum* var. *compressa*, (Blanco) Teodoro *
V. abaca bunchy top
Ocfemia, G.O. and Gabino G. Buhay, 1934
- V. cucumber mosaic
Celino, Martin S., 1940
- M. spp.*
V. wheat streak mosaic
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- M. textilis*, Nee
V. canna mosaic
Brierley, Philip and Floyd F. Smith, 1948
- V. cucumber mosaic
Brierley, Philip and Floyd F. Smith, 1944
- V. lily symptomless
Brierley, Philip and Floyd F. Smith, 1944
- V. tulip breaking
Brierley, Philip and Floyd F. Smith, 1944
- M. textilis* x *M. balbisiana*, Colla
V. abaca bunchy top
Umali, D.L., F.A. Bernardo and G.O. Ocfemia, 1956
- V. cucumber mosaic
Umali, D.L., F.A. Bernardo and G.O. Ocfemia, 1956
- MUSCARI* Tourn. ex Mill. 1752 (Liliaceae)
- M. armeniacum*, Leichtl.
V. wheat streak mosaic
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- M. botryoides*, (L.) Mill.
V. ornithogalum mosaic
Smith, Floyd F. and Philip Brierley, 1944
- M. polyanthum*, Boiss.
V. cucumber mosaic
Brierley, Philip and Floyd F. Smith, 1944
- V. lily symptomless
Brierley, Philip and Floyd F. Smith, 1944
- V. tulip breaking
Brierley, Philip and Floyd F. Smith, 1944
- MYOSOTIS* ((Tourn.)) Dill. ex L. 1735 (Boraginaceae)
- M. alpestris*, Schmidt
V. primula mosaic
Tompkins, C.M. and John T. Middleton, 1941
- V. radish mosaic
Tompkins, C.M., 1939
- V. turnip mosaic
Tompkins, C.M., 1938, 1939
- Tompkins, C.M. and H. Rex Thomas, 1938
- M. arvensis*, Lam.
V. beet yellows
Roland, G. and J. Tahon, 1961
- M. scorpioides*, L.
V. cucumber mosaic
Wellman, F.L., 1935
- V. tobacco etch
Holmes, Francis O., 1946
- M. sylvatica*, Hoffm.
V. anemone mosaic *
Hollings, M., 1957
- V. chrysanthemum B (mild mosaic) *
Hollings, M., 1957
- V. henbane mosaic
Hamilton, Marion A., 1932
- V. pea mosaic
Murphy, D.M. and W.H. Pierce, 1937
- V. tobacco etch
Holmes, Francis O., 1946
- NARCISSUS* ((Tourn.)) L. 1735 (Amaryllidaceae)
- N. poeticus*, L.
V. onion yellow dwarf
Henderson, W.J., 1935
- V. tulip breaking
McWhorter, F.P., 1935
- N. *pseudo-narcissus*, L.
V. tulip breaking
Brierley, Philip and Floyd F. Smith, 1944
- N. tazetta*, L.
V. cucumber mosaic
Wellman, F.L., 1935
- NASTURTIUM* L. 1735 (Cruciferae)
- N. officinale*, R. Br. (*Rorippa nasturtium-aquaticum*, (L.) Schinz & Thell.)
V. anemone mosaic *
Hollings, M., 1957
- V. cauliflower mosaic
Caldwell, John and Ian W. Prentice, 1942
- V. squash mosaic
Freitag, J.H., 1956
- N. palustre*, DC.
V. cauliflower mosaic
Caldwell, John and Ian W. Prentice, 1942
- NEMESIA* Vent. 1803 (Scrophulariaceae)
- N. spp.
V. beet yellows
Roland, G. and J. Tahon, 1961
- N. strumosa*, Benth.
V. tobacco etch
Holmes, Francis O., 1946
- NEMOPHILA* Nutt. ex Barton 1882 (Hydrophyllaceae)
- N. menziesii*, Hook. & Arn.
V. squash mosaic
Freitag, J.H., 1956
- NEOMARICA* Sprague 1928 (Iridaceae)
- N. caerulea*, Sprague
V. orchid (vanda) mosaic
Murakishi, Harry H., 1952
- NEPETA* Riv. ex L. 1737 (Labiateae)
- N. cataria*, L.
V. prunus A *
Fulton, Robert W., 1957
- V. prunus E *
Fulton, Robert W., 1957
- V. prunus G *
Fulton, Robert W., 1957
- V. stone fruit *
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- V. tobacco etch
Holmes, Francis O., 1946
- V. tobacco mosaic
Stover, W.G. and M.T. Vermillion, 1933
- N. hederacea*, (L.) Trev.
V. tobacco etch
Holmes, Francis O., 1946
- V. tobacco mosaic
Holmes, Francis O., 1946
- N. mussini*, Spreng.
V. tobacco etch
Holmes, Francis O., 1946
- NESLIA* Desv. 1814 (Cruciferae)
- N. paniculata*, (L.) Desv.
V. beet mosaic
Pound, Glenn S., 1947
- NESOGORDONIA* Baill. 1886 (Theaceae)
- N. papaverifera*, (A. Chev.) Capuron
V. cacao swollen shoot
Tinsley, T.W. and A.L. Wharton, 1958
- NICANDRA* Adans. 1763 (Solanaceae)
- N. physalodes*, (L.) Gaertn.
V. beet curly top
Costa, A.S., 1952
- V. beet mosaic
Pound, Glenn S., 1947
- V. beet yellows
Roland, G. and J. Tahon, 1961
- V. cauliflower mosaic
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. chrysanthemum B (mild mosaic) *
Hollings, M., 1957

- Nicandra physaloides*, (L.) Gaertn. (cont.)
- V. pelargonium ring spot *
Hollings, M., 1957
 - V. potato M *
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - V. potato paracrinkle
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - V. potato spindle tuber
Goss, R.W., 1931
 - V. potato Y
Johnson, E.M., 1930
 - V. stone fruit *
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 - V. sweet potato feathery mottle
Webb, Raymond E., 1954
 - V. tobacco mosaic
Fernow, K.H., 1923
- Nicotiana* L. 1735 (Solanaceae)
- N. acuminata*, Hook.
 - V. beet curly top
Giddings, N.J., C.W. Bennett and A.L. Harrison, 1951
 - V. beet mosaic
Bennett, C.W., 1949
 - V. cauliflower mosaic
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - N. affinis*, T. Moore
 - V. anemone brown ring *
Hollings, M., 1958
 - V. cauliflower mosaic
Caldwell, John and Ian W. Prentice, 1942
 - N. alata*, Link & Otto
 - V. tobacco stunt *
Hidaka, Zyun, Tetsuo Uozumi and Chuji Hiruki, 1956
 - N. alata* var. *grandiflora*, Comes
 - V. cauliflower mosaic
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - V. eggplant mosaic
Ferguson, I.A.C., 1951
 - V. spinach yellow dwarf
Severin, Henry H.P. and Donald H. Little, 1947
 - V. squash mosaic
Freitag, J.H., 1956
 - V. turnip mosaic
Dale, W.T., 1948
 - N. atropurpureum*, Hort. *
 - V. datura distortion mosaic
Capoor, S.P. and P.M. Varma, 1952
 - N. benthamiana*, Domin
 - V. prunus G *
Fulton, Robert W., 1957
 - N. bigelovii*, Wats., var. *multivalvis*, Gray *
 - V. turnip yellow mosaic
Broadbent, L. and G.D. Heathcote, 1958
 - N. chinensis*, Fisch.
 - V. eggplant mosaic
Ferguson, I.A.C., 1951
 - V. turnip mosaic
Dale, W.T., 1948
 - N. clevelandi*, A. Gray
 - V. anemone brown ring *
Hollings, M., 1958
 - V. pelargonium ring spot *
Hollings, M., 1957
 - V. turnip crinkle
Broadbent, L. and G.D. Heathcote, 1958
 - V. turnip yellow mosaic
Broadbent, L. and G.D. Heathcote, 1958
 - N. debneyi*, Domin
 - V. tobacco yellow dwarf
Hill, A.V. and M. Mandryk, 1954
 - N. exigua*, Wheeler
 - V. tobacco yellow dwarf
Hill, A.V. and M. Mandryk, 1954
 - N. glauca*, Graham
 - V. alsike clover mosaic
Zaumeyer, W.J., 1940
 - V. bayberry yellows
Raychaudhuri, S.P., 1953
 - N. *glauca*, Graham (cont.)
 - V. bean yellow mosaic
Zaumeyer, W.J., 1940
 - V. beet curly top
Bennett, C.W. and A.S. Costa, 1949
 - Costa, A.S., 1952
 - Giddings, N.J., C.W. Bennett and A.L. Harrison, 1951
 - V. beet mosaic
Bennett, C.W., 1949
 - V. beet yellows
Roland, G. and J. Tahon, 1961
 - V. chilli (pepper) mosaic
Adsuar, J. and L. Lopez Matos, 1955
 - V. citrus tristeza
Bennett, C.W. and A.S. Costa, 1949
 - V. cucumber mosaic
Johnson, J., 1926, 1927
 - V. potato X
Johnson, James, 1927
 - V. squash mosaic
Freitag, J.H., 1956
 - V. tobacco etch
Bennett, C.W., 1944
 - V. tobacco mosaic
Adsuar, J. and L. Lopez Matos, 1955
 - Johnson, James, 1927
 - V. tobacco ring spot
Grogan, R.G. and W.C. Schnathorst, 1955
 - V. tobacco stunt *
Hidaka, Zyun, Tetsuo Uozumi and Chuji Hiruki, 1956
 - V. tomato spotted wilt
Shapovalov, M., 1934
 - V. turnip mosaic
Bennett, C.W., 1944
 - N. glutinosa*, L.
 - V. alsike clover mosaic
Zaumeyer, W.J., 1940
 - V. anemone brown ring *
Hollings, M., 1958
 - V. bayberry yellows
Raychaudhuri, S.P., 1953
 - V. bean common mosaic
Grogan, Raymond G. and J.C. Walker, 1948
 - Snyder, W.C., 1942
 - V. bean pod mottle
Zaumeyer, W.J. and H. Rex Thomas, 1948
 - V. bean southern mosaic
Zaumeyer, W.J. and L.L. Harter, 1943
 - V. bean yellow mosaic
Thomas, H. Rex and W.J. Zaumeyer, 1953
 - Zaumeyer, W.J., 1940
 - Zaumeyer, W.J. and H.H. Fisher, 1953
 - V. beet curly top
Bennett, C.W., Eubanks Carsner, F.H. Coons and E.W. Brandes, 1946
 - Costa, A.S., 1952
 - V. beet mosaic
Bennett, C.W., 1949
 - Severin, Henry H.P. and Roger M. Drake, 1948
 - V. beet yellows
Bennett, C.W. and Carlos Munck, 1946
 - Roland, G. and J. Tahon, 1961
 - V. broad bean mottle
Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
 - V. cacao swollen shoot
Tinsley, T.W. and A.L. Wharton, 1958
 - V. cauliflower mosaic
Alvarez-Garcia, L.A., 1951
 - Berkeley, G.H. and J.H. Tramaine, 1954
 - Caldwell, John and Ian W. Prentice, 1942
 - Smith, Kenneth M., 1935
 - Tompkins, C.M., 1937
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - V. celery mosaic
Freitag, Julius H. and Henry H.P. Severin, 1945
 - V. chilli (pepper) mosaic
Ferguson, I.A.C., 1951
 - V. chrysanthemum ring spot
Brierley, Philip and Floyd F. Smith, 1955

- Nicotiana glutinosa, L. (cont.)
 V. chrysanthemum stunt
 Brierley, Philip, 1953
 V. cowpea mosaic
 Anderson, C.W., 1955
 Capoor, S.P. and P.M. Varma, 1956
 Dale, W.T., 1949
 McLean, D.M., 1941
 V. cucumber green mottle mosaic
 Ainsworth, G.C., 1935
 Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. dandelion yellow mosaic
 Kassanis, B., 1947
 V. filaree red leaf
 Frazier, Norman W., 1951
 V. hibiscus yellow vein mosaic
 Capoor, S.P. and P.M. Varma, 1950
 V. hydrangea ring spot
 Brierley, Philip and Paul Lorentz, 1957
 V. lettuce mosaic
 Ainsworth, G.C. and L. Ogilvie, 1939
 V. muskmelon mosaic
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. onion yellow dwarf
 Henderson, D.M., 1953
 V. orchid (cymbidium) mosaic
 Jensen, D.D., 1951
 V. orchid (odontoglossum) ring spot
 Jensen, D.D. and A. Herbert Gold, 1951
 V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
 V. panax ring spot
 Aragaki, M., H. Murakishi and J.W. Hendrix, 1953
 V. panicum mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
 V. papaw mosaic
 Adsuar, Jose, 1950
 V. pea enation mosaic
 Ainsworth, G.C., 1940
 Chaudhuri, R.P., 1950
 Hagedorn, D.J. and J.C. Walker, 1954
 Osborn, H.T., 1938
 Stubbs, M.W., 1937
 V. pea mosaic
 Chaudhuri, R.P., 1950
 Hagedorn, D.J. and J.C. Walker, 1954
 Osborn, H.T., 1937
 Stubbs, M.W., 1937
 V. pea mottle
 Johnson, Folke, 1942
 V. pea wilt
 Johnson, Folke, 1942
 V. pelargonium ring spot *
 Hollings, M., 1957
 V. physalis floridana yellow net
 Webb, R.E., 1955
 V. potato A
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 V. potato M *
 Bagnall, R.H. and R.H. Larson, 1957
 V. potato paracrinkle
 Bagnall, R.H. and R.H. Larson, 1957
 Kassanis, B., 1955
 V. primula mosaic
 Severin, Henry H.P. and C.M. Tompkins, 1950
 Tompkins, C.M. and John T. Middleton, 1941
 V. red clover vein mosaic
 Osborn, H.T., 1937
 V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
 V. squash mosaic
 Freitag, J.H., 1956
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. squash mosaic (southern)
 Anderson, C.W., 1951
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- N. glutinosa, L. (cont.)
 V. sweet potato feathery mottle
 Doolittle, S.P. and L.L. Harter, 1945
 Webb, Raymond E., 1954
 V. tobacco mosaic
 Allard, H.A., 1916, 1917
 Johnson, J., 1926, 1927
 V. tobacco ring spot
 Starr, Chester K. and W.E. Cooper, 1944
 Stubbs, M.W., 1937
 V. tobacco streak
 Thomas, H. Rex and W.J. Zaumeyer, 1950
 V. tobacco stunt *
 Hidaka, Zyun, Tetsuo Uozumi and Chuji Hiruki, 1956
 V. tomato big bud
 Samuel, G., J.G. Bald and C.M. Eardley, 1933
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
 V. tomato twisted leaf
 Ferguson, I.A.C., 1951
 V. tomato yellow net
 Sylvester, Edward S., 1954
 V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip mosaic
 Dale, W.T., 1948
 Sylvester, Edward S., 1953
 Takahashi, William N., 1949
 Tompkins, C.M., 1939
 V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
 V. watermelon mosaic
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 N. glutinosa x N. tabacum, L.
 V. tobacco mosaic
 Allard, H.A., 1916
 N. gossei, Domin
 V. tobacco stunt *
 Hidaka, Zyun, Tetsuo Uozumi and Chuji Hiruki, 1956
 N. langsdorffii, Weinm.
 V. beet mosaic
 Bennett, C.W., 1949
 V. cauliflower mosaic
 Alvarez-Garcia, L.A., 1951
 Tompkins, C.M., 1937
 V. pea enation mosaic
 Osborn, H.T., 1938
 V. red clover vein mosaic
 Osborn, H.T., 1937
 V. squash mosaic
 Freitag, J.H., 1956
 V. turnip mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 N. longiflora, Cav.
 V. beet mosaic
 Bennett, C.W., 1949
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. tobacco stunt *
 Hidaka, Zyun, Tetsuo Uozumi and Chuji Hiruki, 1956
 N. multivalvis, Lindl.
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 N. nudicaulis, S. Wats.
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 N. otophora, Griseb.
 V. tobacco etch
 Holmes, Francis O., 1946

- Nicotiana palmeri*, A. Gray
 V. beet mosaic
 Bennett, C.W., 1949
 V. tobacco etch
 Holmes, Francis O., 1946
- N. paniculata*, L.
 V. beet mosaic
 Bennett, C.W., 1949
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. tobacco stunt *
 Hidaka, Zyun, Tetsuo Uozumi and Chuji Hiruki, 1956
- N. plumbaginifolia*, Viv.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- N. quadrivalvis*, Pursh
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- N. raimondii*, Macbride
 V. tobacco etch
 Holmes, Francis O., 1946
- N. repanda*, Willd.
 V. potato Y
 Roque, Arturo and Jose Adsuar, 1941
 V. tobacco stunt *
 Hidaka, Zyun, Tetsuo Uozumi and Chuji Hiruki, 1956
 V. turnip mosaic
 LeBeau, Francis J. and J.C. Walker, 1945
- N. rotundifolia*, Lindl.
 V. tobacco yellow dwarf
 Hill, A.V. and M. Mandryk, 1954
- N. rustica*, L.
 V. anemone brown ring *
 Hollings, M., 1958
 V. bayberry yellows
 Raychaudhuri, S.P., 1953
 V. bean yellow mosaic
 Grogan, Raymond G. and J.C. Walker, 1948
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
 V. beet mosaic
 Bennett, C.W., 1949
 Pound, Glenn S., 1947
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cauliflower mosaic
 Alvarez-Garcia, L.A., 1951
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. chilli (pepper) mosaic
 Ferguson, I.A.C., 1951
 V. cowpea mosaic
 Kapoor, S.P. and P.M. Varma, 1956
 V. cucumber mosaic
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. eggplant mosaic
 Ferguson, I.A.C., 1951
 V. lilac witches' broom
 Brierley, Philip, 1955
 V. muskmelon mosaic
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 V. *nicotiana glutinosa* mosaic *
 Allard, H.A., 1916
 V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
 V. pea mottle
 Johnson, Folke, 1942
 V. pea wilt
 Johnson, Folke, 1942
 V. pelargonium ring spot *
 Hollings, M., 1957
 V. *physalis floridana* yellow net
 Webb, R.E., 1955
 V. potato A
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 Vasudeva, R. Sahai and C.S. Ramamoorthy, 1946
- N. *rustica*, L. (cont.)
 V. red clover vein mosaic
 Osborn, H.T., 1937
 V. squash mosaic
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 V. sweet potato feathery mottle
 Webb, Raymon E., 1954
 V. tobacco stunt *
 Hidaka, Zyun, Tetsuo Uozumi and Chuji Hiruki, 1956
 V. *tropaeolum* mosaic
 Silberschmidt, Karl, 1953
 V. turnip mosaic
 Dale, W.T., 1948
 LeBeau, Francis J. and J.C. Walker, 1945
 V. watermelon mosaic
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
N. rustica var. *humilis*, Schrank *
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. squash mosaic
 Freitag, J.H., 1956
 V. turnip mosaic
 Tompkins, C.M., 1938, 1939
N. rustica var. *jamaicensis* *
 V. cauliflower mosaic
 Caldwell, John and Ian W. Prentice, 1942
N. sanderae, W. Wats. (*N. alata*, Link & Otto x *N. forgetiana*, Sander)
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. eggplant mosaic
 Ferguson, I.A.C., 1951
 V. tobacco stunt *
 Hidaka, Zyun, Tetsuo Uozumi and Chuji Hiruki, 1956
 V. turnip mosaic
 Dale, W.T., 1948
N. spp.
 V. *prunus* A *
 Fulton, Robert W., 1957
 V. *prunus* E *
 Fulton, Robert W., 1957
 V. *prunus* G *
 Fulton, Robert W., 1957
N. stocktoni, Brandegee, in *Erythea*
 V. beet yellows
 Roland, G. and J. Tahon, 1961
N. suaveolens, Lehm.
 V. tobacco stunt *
 Hidaka, Zyun, Tetsuo Uozumi and Chuji Hiruki, 1956
N. sylvestris, Speg. & Comes
 V. beet mosaic
 Bennett, C.W., 1949
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. chilli (pepper) mosaic
 Ferguson, I.A.C., 1951
 V. dodder latent mosaic
 Bennett, C.W., 1944
 V. eggplant mosaic
 Ferguson, I.A.C., 1951
 V. pea enation mosaic
 Osborn, H.T., 1938
 V. pea mottle
 Johnson, Folke, 1942
 V. pea wilt
 Johnson, Folke, 1942
 V. potato M *
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 V. potato paracrinkle
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956

- Nicotiana sylvestris, Speg. & Comes (cont.)
- V. potato Y
Roque, Arturo and Jose Adsuar, 1941
 - V. red clover vein mosaic
Osborn, H. T., 1937
 - V. sweet potato feathery mottle
Webb, Raymond E., 1954
 - V. tobacco stunt *
Hidaka, Zyun, Tetsuo Uozumi and Chuji Hiruki, 1956
 - V. tomato aspermy
Blencowe, J. W. and John Caldwell, 1949
 - V. tomato ring spot
Samson, R. W. and E. P. Imle, 1942
 - V. turnip mosaic
Dale, W. T., 1948
LeBeau, Francis J. and J.C. Walker, 1945
 - N. tabacum, L.
 - V. abutilon infectious variegation
Silberschmidt, K. and L.R. Tommasi, 1956
 - V. alsike clover mosaic
Zaumeyer, W.J., 1940
 - V. anemone brown ring *
Hollings, M., 1958
 - V. bayberry yellows
Raychaudhuri, S.P., 1953
 - V. bean common mosaic
Snyder, W.C., 1942
 - V. bean pod mottle
Zaumeyer, W.J. and H. Rex Thomas, 1948
 - V. bean southern mosaic
Zaumeyer, W.J. and L.L. Harter, 1943
 - V. bean yellow mosaic
Conover, Robert A., 1948
Grogan, Raymond G. and J.C. Walker, 1948
Hagedorn, D.J. and J.C. Walker, 1950, 1954
Pierce, W.H., 1935
Zaumeyer, W.J., 1940
 - V. bean yellow stipple
Zaumeyer, W.J. and H. Rex Thomas, 1950
 - V. beet curly top
Bennett, C.W., Eubanks Carsner, F.H. Coons and E.W. Brandes, 1946
Costa, A.S., 1952
Giddings, N.J., 1938, 1944
Giddings, N.J., C.W. Bennett and A.L. Harrison, 1951
 - V. beet mosaic
Bennett, C.W., 1949
Hoggan, I.A., 1933
Pound, Glenn S., 1947
 - V. beet rosette *
Bennett, C.W. and James E. Duffus, 1957
 - V. beet yellow net
Sylvester, Edward S., 1948
 - V. beet yellow wilt
Bennett, C.W. and Carlos Munck, 1946
 - V. beet yellows
Roland, G. and J. Tahon, 1961
 - V. broad bean mottle
Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
Yu, T.F., 1939
 - V. cacao swollen shoot
Tinsley, T.W. and A.L. Wharton, 1958
 - V. canna mosaic
Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
 - V. carnation mosaic
Brierley, Philip and Floyd F. Smith, 1955, 1957
 - V. carnation mottle
Brierley, Philip and Floyd F. Smith, 1957
Kassanis, B., 1955
 - V. carnation vein mottle
Kassanis, B., 1955
 - V. cauliflower mosaic
Alvarez-Garcia, L.A., 1951
Berkeley, G.H. and J.H. Tremaine, 1954
Caldwell, John and Ian W. Prentice, 1942
Tompkins, C.M., 1937
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - V. celery mosaic
Freitag, Julius H. and Henry H.P. Severin, 1945
 - N. tabacum, L. (cont.)
 - V. chrysanthemum B (mild mosaic) *
Hollings, M., 1957
 - V. chrysanthemum Q
Brierley, Philip and Floyd F. Smith, 1953
 - V. chrysanthemum ring spot
Brierley, Philip and Floyd F. Smith, 1955
 - V. chrysanthemum stunt
Brierley, Philip, 1953
 - V. cineraria mosaic
Jones, Leon K., 1944
 - V. citrus tristeza
Bennett, C.W. and A.S. Costa, 1949
Knorr, L.C., 1956
 - V. cowpea mosaic
Anderson, C.W., 1955
Capoor, S.P. and P.M. Varma, 1956
Dale, W.T., 1949
McLean, D.M., 1941
Yu, T.F., 1946
 - V. cucumber green mottle mosaic
Ainsworth, G.C., 1935
Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - V. cucumber mosaic
Adsuar, Jose and A. Cruz Miret, 1950
Doolittle, S.P. and W.W. Gilbert, 1918
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
McKnight, T., 1953
McWhorter, F.P. and H.H. Millsap, 1954
Vasudeva, R. Sahai and T.B. Lal, 1943
 - V. (cucumber) O.S.C. isolate 606 *
Porter, Clark A. and Frank P. McWhorter, 1951
 - V. dandelion yellow mosaic
Kassanis, B., 1947
 - V. eggplant mosaic
Ferguson, I.A.C., 1951
 - V. filaree red leaf
Frazier, Norman W., 1951
 - V. gladiolus *
Snow, Gordon F., 1955
 - V. hibiscus yellow vein mosaic
Capoor, S.P. and P.M. Varma, 1950
 - V. hydrangea *
Brierley, Philip, 1954
 - V. hydrangea ring spot
Brierley, Philip and Paul Lorentz, 1956, 1957
 - V. iris mosaic
Brierley, Philip and Frank P. McWhorter, 1936
 - V. lettuce mosaic
Ainsworth, G.C. and L. Ogilvie, 1939
 - V. lucerne mosaic
Porter, D.R., 1935
 - V. maize leaf fleck
Stoner, Warren N., 1952
 - V. maize streak
Finley, A.M., 1954
 - V. malva yellow vein mosaic *
Costa, A.S. and James E. Duffus, 1957
 - V. muskmelon mosaic
Anderson, C.W., 1954
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 - V. nicotiana glutinosa mosaic *
Allard, H.A., 1916
 - V. nothoscordum mosaic
McKinney, H.H., 1950
 - V. onion yellow dwarf
Henderson, D.M., 1953
 - V. orchid (cymbidium) mosaic
Jensen, D.D., 1951
 - V. orchid (odontoglossum) ring spot
Jensen, D.D. and A. Herbert Gold, 1951
 - V. orchid (vanda) mosaic
Murakishi, Harry H., 1952
 - V. ornithogalum mosaic
Smith, Floyd F. and Philip Brierley, 1944
 - V. panicum mosaic *
Sill, W.H., Jr. and R.C. Pickett, 1957
 - V. papaw mosaic
Adsuar, Jose, 1950
 - V. papaw ring spot
Jensen, D.D., 1949

- Nicotiana tabacum*, L. (cont.)
 V. pea enation mosaic
 Ainsworth, G.C., 1940
 Chaudhuri, R.P., 1950
 Hagedorn, D.J. and J.C. Walker, 1954
 Johnson, Folke and Leon K. Jones, 1937
 Osborn, H.T., 1938
 Pierce, W.H., 1935
 Simons, John N., 1954
 Stubbs, M.W., 1937
 V. pea mosaic
 Chaudhuri, R.P., 1950
 Hagedorn, D.J. and J.C. Walker, 1954
 Murphy, D.M. and W.H. Pierce, 1937
 Osborn, H.T., 1937
 Pierce, W.H., 1935
 Stubbs, M.W., 1937
 V. pea mottle
 Johnson, Folke, 1942
 Johnson, Folke and Leon K. Jones, 1937
 V. pea streak
 Zaumeyer, W.J., 1938
 V. pea wilt
 Johnson, Folke, 1942
 V. pelargonium ring spot *
 Hollings, M., 1957
 V. peony leaf curl *
 Brierley, Philip and Paul Lorentz, 1957
 V. physalis floridana yellow net
 Webb, R.E., 1955
 V. pigeon pea sterility mosaic
 Capoor, S.P., 1952
 V. pokeweed mosaic *
 Allard, H.A., 1918
 V. potato A
 Koch, Karl and James Johnson, 1935
 Schultz, E.S. and Donald Folsom, 1923
 V. potato leaf roll
 Koch, Karl and James Johnson, 1935
 Quanjer, H.M., 1920
 V. potato leaf rolling
 Dykstra, T.P., 1939
 V. potato M *
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 V. potato paracrinkle
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 Kassanis, B., 1955
 V. potato Y
 Dennis, R.W.G., 1939
 V. primula mosaic
 Severin, Henry H.P. and C.M. Tompkins, 1950
 Tompkins, C.M. and John T. Middleton, 1941
 V. prunus E *
 Fulton, Robert W., 1957
 V. raspberry necrotic fern leaf mosaic
 Chamberlain, G.C., 1941
 V. red clover vein mosaic
 Hagedorn, D.J. and E.W. Hanson, 1951
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 Osborn, H.T., 1937
 Roberts, D.A., 1957
 V. soybean mosaic
 Conover, Robert A., 1948
 Pierce, W.H., 1935
 V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
 V. squash mosaic
 Freitag, J.H., 1956
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. squash mosaic (southern)
 Anderson, C.W., 1951
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 V. sweet potato feathery mottle
 Doolittle, S.P. and L.L. Harter, 1945
 Webb, Raymond E., 1954
 V. sweet potato mosaic
 Borders, H.I. and T.J. Ratcliff, 1954
 V. teasel mosaic
 Stoner, Warren N., 1951
 V. tithonia rotundifolia mosaic *
 Cook, M.T., 1936
- N. tabacum, L. (cont.)
 V. tobacco mosaic
 Valleau, W.D., 1935
 V. tomato big bud
 Samuel, G., J.G. Bald and C.M. Eardley, 1933
 V. tomato twisted leaf
 Ferguson, I.A.C., 1951
 V. tulip breaking
 Brierley, Philip and S.P. Doolittle, 1940
 V. turnip mosaic
 LeBeau, Francis J. and J.C. Walker, 1945
 Sylvester, Edward S., 1953
 Takahashi, William N., 1949
 Tompkins, C.M., 1938
 V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
 V. watermelon mosaic
 Anderson, C.W., 1954
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 N. tabacum x N. glutinosa, L.
 V. cucumber green mottle mosaic
 Fulton, Robert W., 1950
 V. turnip mosaic
 LeBeau, Francis J. and J.C. Walker, 1945
 N. tomentosiformis, Goodspeed
 V. tobacco etch
 Holmes, Francis O., 1946
 N. trigonophylla, Dun.
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. tobacco stunt *
 Hidaka, Zyun, Tetsuo Uozumi and Chuji Hiruki, 1956
 N. velutina, Wheeler
 V. tobacco yellow dwarf
 Hill, A.V. and M. Mandryk, 1954
 N. wigandoides, Koch & Fint
 V. tobacco etch
 Holmes, Francis O., 1946
- NIGELLA ((Tourn.)) L.** 1735 (Ranunculaceae)
 N. damascena, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
- NOTHOSCORDUM** Kunth 1843 (Liliaceae)
 N. fragrans, (Vent.) Kunth
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
 V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- OCHROMA** Sw. 1788 (Bombacaceae)
 O. lagopus, Sw.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- OCIMUM** L. 1737 (Labiatae)
 O. basilicum, L.
 V. citrus tristeza
 Knorr, L.C., 1956
- OCTOLOBUS** Welw. 1869 (Sterculiaceae)
 O. angustatus, Hutchinson
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- OENOTHERA** L. 1735 (Onagraceae)
 O. lamarckiana, Hort.
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- O. missouriensis**, Sims
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937

- OMPHALOCARPUM** Beauv. 1805 (Sapotaceae)
O. procerum, Beauv.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- ONOBRYCHIS** L. 1735 (Leguminosae)
O. spp.
 V. lucerne witches' broom
 Menzies, J.D., 1946
- O. transcaucasica*, Grossheim
 V. lucerne witches' broom
 Klostermeyer, E.C. and J.D. Menzies, 1951
- O. viciaefolia*, Scop.
 V. lucerne witches' broom
 Klostermeyer, E.C. and J.D. Menzies, 1951
- OPHIOPOGON** Ker-Gawl. 1807 (Liliaceae)
O. jaburan, Lodd.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
- V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
- V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- ORCHIS** ((Tourn.)) L. 1735 (Orchidaceae)
O. spp.
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- ORNITHOGALUM** ((Tourn.)) L. 1735 (Liliaceae)
O. spp.
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- O. thrysoides*, Jacq.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
- Smith, Floyd F. and Philip Brierley, 1944
- V. iris mosaic
 Smith, Floyd F. and Philip Brierley, 1944
- V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
- V. narcissus white streak *
 Smith, Floyd F. and Philip Brierley, 1944
- V. nothoscordum mosaic
 McKinney, H.H., 1950
- V. onion yellow dwarf
 Smith, Floyd F. and Philip Brierley, 1944
- V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- Smith, Floyd F. and Philip Brierley, 1944
- ORYZA** L. 1735 (Gramineae)
O. sativa, L.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
- McWhorter, F.P. and H.H. Millsap, 1954
- Wellman, F.L., 1935
- V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
- V. wheat streak mosaic
 Kahn, Robert P. and Ottie J. Dickerson, 1957
- ORYZOPSIS** Michx. 1803 (Gramineae)
O. hymenoides, (Roem. & Schult.) Ricker
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- Oswald, John W. and Byron R. Houston, 1953
- OXALIS** L. 1737 (Oxalidaceae)
O. corniculata, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- O. repens*, Thunb.
 V. tobacco ring spot
 Wingard, S.A., 1928
- O. spp.*
 V. beet curly top
 Bennett, C.W. and A.S. Costa, 1949
- O. spp.* (cont.)
 V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
- V. tropaeolum mosaic
 Silberschmidt, Karl, 1953
- O. stricta*, L.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- PACHIRA** Aubl. 1775 (Bombacaceae)
P. oleagina, Decne.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- PACHYRHIZUS** Rich. ex DC. 1825 (Leguminosae)
P. tuberosus, Spreng.
 V. cowpea mosaic
 Yu, T.F., 1946
- PANCRATIUM** Dill. ex L. 1735 (Amaryllidaceae)
P. maritimum, L.
 V. narcissus mosaic
 Haasis, Frank A., 1939
- V. ornithogalum mosaic
 Smith, Floyd F. and Philip Brierley, 1944
- PANICUM** L. 1735 (Gramineae)
P. barbinode, Trin.
 V. cucumber mosaic
 Wellman, F.L., 1935
- V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
- P. capillare*, L.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
- V. wheat spot mosaic *
 Slykhuis, John T., 1956
- P. colonum*, L.
 V. rice and corn leaf-gall *
 Agati, Julian A. and Carlos A. Calica, 1950
- P. depauperatum*, Muhl.
 V. panicum mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
- P. maximum*, Jacq.
 V. panicum mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
- V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- P. miliaceum*, L.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
- V. wheat spot mosaic *
 Slykhuis, John T., 1956
- V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Slykhuis, J.T., 1952
- P. virgatum*, L.
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- PAPAVER** Tourn. ex L. 1735 (Papaveraceae)
P. nudicaule, L.
 V. radish mosaic
 Tompkins, C.M., 1939
- V. tobacco etch
 Holmes, Francis O., 1946
- V. turnip mosaic
 Tompkins, C.M. and H. Rex Thomas, 1938
- P. orientale*, L.
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
- V. cucumber mosaic
 Wellman, F.L., 1935
- V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
- V. radish mosaic
 Tompkins, C.M., 1939
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946

- Papaver orientale*, L. (cont.)
 V. turnip mosaic
 Tompkins, C.M., 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
- P. rhoes*, L.
 V. *chrysanthemum* B (mild mosaic) *
 Hollings, M., 1957
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
- P. somniferum*, L.
 V. anemone brown ring *
 Hollings, M., 1958
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. *chrysanthemum* B (mild mosaic) *
 Hollings, M., 1957
 V. cucumber mosaic
 Wellman, F.L., 1935
- P. spp.*
 V. *euphorbia* mosaic
 Costa, A.S. and C.W. Bennett, 1950
- PARTHENIUM* L. 1735 (Compositae)
P. argentatum, A. Gray
 V. aster yellows
 Severin, Henry H.P., 1945
 V. beet curly top
 Severin, Henry H.P., 1945
 V. beet mosaic
 Severin, Henry H.P., 1945
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. celery mosaic
 Severin, Henry H.P., 1945
 V. cucumber mosaic
 Severin, Henry H.P., 1945
 V. cucumber western mosaic *
 Severin, Henry H.P., 1945
 V. lucerne mosaic
 Severin, Henry H.P., 1945
- PASPALUM* L. 1759 (Gramineae)
P. dilatatum, Poir.
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
- P. spp.*
 V. *panicum* mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
- PASSIFLORA* L. 1735 (Passifloraceae)
P. caerulea, L.
 V. anemone brown ring *
 Hollings, M., 1958
 V. *chrysanthemum* latent *
 Hollings, M., 1957
- P. edulis*, Sims
 V. papaw mosaic
 Adsuar, Jose, 1950
- P. foetida*, L.
 V. papaw mosaic
 Adsuar, Jose, 1950
 V. papaw ring spot
 Jensen, D.D., 1949
- P. pfordtii*, X Hort. ex Degener
 V. papaw ring spot
 Jensen, D.D., 1949
- PASTINACA* L. 1737 (Umbelliferae)
P. sativa, L.
 V. dandelion yellow mosaic
 Kassanis, B., 1947
 V. dodder latent mosaic
 Bennett, C.W., 1944
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. squash mosaic
 Freitag, J.H., 1956
 V. tobacco etch
 Holmes, Francis O., 1946
- P. *sativa*, L. (cont.)
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tobacco ring spot
 Wingard, S.A., 1928
- PEDILANTHUS* Neck. 1790 (Euphorbiaceae)
P. tithymaloides, Poit.
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- PELARGONIUM* L'Herit. 1787 (Geraniaceae)
P. domesticum, Bailey
 V. anemone mosaic *
 Hollings, M., 1957
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
 V. *chrysanthemum* B (mild mosaic) *
 Hollings, M., 1957
 V. tobacco ring spot
 Wingard, S.A., 1928
- P. hortorum*, Bailey (X *P. zonale*, Willd.)
 V. bean pod mottle
 Zaumeyer, W.J. and H. Rex Thomas, 1948
 V. filaree red leaf
 Frazier, Norman W., 1951
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tobacco ring spot no. 2
 Brierley, Philip, 1954
 V. tomato aspermy
 Hollings, M., 1955
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
 V. *tropaeolum* mosaic
 Silberschmidt, Karl, 1953
- P. odoratissimum*, Ait.
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- P. zonale*, Willd.
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. cucumber mosaic
 Govier, D.A., 1957
 V. radish mosaic
 Tompkins, C.M., 1939
 V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
 V. squash mosaic
 Freitag, J.H., 1956
 V. turnip mosaic
 Tompkins, C.M., 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
- PENNSETUM* Rich. 1805 (Gramineae)
P. glaucum, (L.) R. Br.
 V. *panicum* mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- P. purpureum*, Schumach.
 V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
- PENSTEMON*
(*PENTSTEMON*) Mitch. 1748 (Scrophulariaceae)
P. barbatus, Roth
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
 V. radish mosaic
 Tompkins, C.M., 1939
 V. turnip mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938

- PEPEROMIA Ruiz & Pav. 1794 (Piperaceae)
 P. spp.
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusibo, 1955
- PERSEA Plum. ex L. 1737 (Lauraceae)
 P. americana, Mill.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- PERSICARIA ((Tourn.)) L. 1735 (Polygonaceae)
 P. hydropiperoides, Michx. *
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- PETROSELINUM Hoffm. 1814 (Umbelliferae)
 P. crispum, (Mill.) Nym.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. squash mosaic
 Freitag, J.H., 1956
- P. hortense, Hoffm.
 V. tobacco etch
 Holmes, Francis O., 1946
- P. sativum, Hoffm.
 V. dandelion yellow mosaic
 Kassanis, B., 1947
- PETUNIA Juss. 1803 (Solanaceae)
 P. hybrida, Vilm.
 V. alisike clover mosaic
 Zaumeyer, W.J., 1940
- V. anemone brown ring *
 Hollings, M., 1958
- V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
- V. bean yellow mosaic
 Pierce, W.H., 1935
- V. pea mosaic
 Zaumeyer, W.J., 1940
- V. turnip mosaic
 Tompkins, C.M. and H. Rex Thomas, 1938
- V. violacea, Lindl.
- V. cucumber mosaic
 Johnson, J., 1926
- PHACELIA Juss. 1789 (Hydrophyllaceae)
 P. campanularia, Gray
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- PHALARIS L. 1735 (Gramineae)
 P. arundinacea, L.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
- V. barley stripe mosaic
 Slykhuis, J.T., 1952
- V. panicum mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
- V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusibo, 1955
- V. wheat streak mosaic
 Slykhuis, J.T., 1952
- P. arundinacea x P. tuberosa, L.
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusibo, 1955
- P. tuberosa, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- PHASEOLUS ((Tourn.)) L. 1735 (Leguminosae)
 P. acutifolius, Jacq.
 V. bean common mosaic
 Reddick, D. and V.B. Stewart, 1919
- V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
- V. cowpea mosaic
 Capoor, S.P. and P.M. Varma, 1956
- V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- V. red clover mosaic *
 Zaumeyer, W.J. and B.L. Wade, 1935
- V. red clover mosaic *
 Zaumeyer, W.J. and B.L. Wade, 1935
- P. angularis, (Willd.) W.F. Wright
 V. bean common mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935

- P. hybrida, Vilm. (cont.)
 V. pokeweed mosaic *
 Allard, H.A., 1918
- V. potato A
 Vasudeva, R. Sahai and C.S. Ramamoorthy, 1946
- V. potato X
 Vasudeva, R. Sahai and T.B. Lal, 1944
- V. radish mosaic
 Tompkins, C.M., 1939
- V. soybean mosaic
 Pierce, W.H., 1935
- V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
- V. squash mosaic
 Freitag, J.H., 1956
- V. tobacco ring spot
 Rosberg, David W., 1953
- V. tobacco streak
 Thomas, H. Rex and W.J. Zaumeyer, 1950
- V. tobacco stunt *
 Hidaka, Zyun, Tetsuo Uozumi and Chuji Hiruki, 1956
- V. tropaeolum mosaic
 Silberschmidt, Karl, 1953
- V. tulip breaking
 McWhorter, F.P., 1935
- V. turnip mosaic
 Tompkins, C.M., 1939
- V. turnip mosaic
 Tompkins, C.M. and H. Rex Thomas, 1938
- V. violacea, Lindl.
- V. cucumber mosaic
 Johnson, J., 1926
- PHACELIA Juss. 1789 (Hydrophyllaceae)
 P. campanularia, Gray
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- PHALARIS L. 1735 (Gramineae)
 P. arundinacea, L.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
- V. barley stripe mosaic
 Slykhuis, J.T., 1952
- V. panicum mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
- V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusibo, 1955
- V. wheat streak mosaic
 Slykhuis, J.T., 1952
- P. arundinacea x P. tuberosa, L.
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusibo, 1955
- P. tuberosa, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- PHASEOLUS ((Tourn.)) L. 1735 (Leguminosae)
 P. acutifolius, Jacq.
 V. bean common mosaic
 Reddick, D. and V.B. Stewart, 1919
- V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
- V. cowpea mosaic
 Capoor, S.P. and P.M. Varma, 1956
- V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- V. red clover mosaic *
 Zaumeyer, W.J. and B.L. Wade, 1935
- V. red clover mosaic *
 Zaumeyer, W.J. and B.L. Wade, 1935
- P. angularis, (Willd.) W.F. Wright
 V. bean common mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935

- Phaseolus angularis*, (Willd.) W.F. Wright
 V. bean pod mottle
 Zaumeyer, W.J. and H. Rex Thomas, 1948
 V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
 V. bean yellow mosaic
 Zaumeyer, W.J. and H.H. Fisher, 1953
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
 V. pea streak
 Zaumeyer, W.J., 1938
 V. red clover mosaic *
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. tobacco ring spot
 Cooper, W.E., 1949
 V. tobacco streak
 Thomas, H. Rex and W.J. Zaumeyer, 1950
- P. aureus*, Roxb.
 V. alsike clover mosaic
 Zaumeyer, W.J., 1940
 V. bean common mosaic
 Nelson, Ray, 1932
 Reddick, D. and V.B. Stewart, 1919
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. bean pod mottle
 Zaumeyer, W.J. and H. Rex Thomas, 1948
 V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
 V. bean yellow mosaic
 Conover, Robert A., 1948
 Zaumeyer, W.J., 1940
 V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
 V. broad bean mottle
 Yu, T.F., 1939
 V. cowpea mosaic
 Capoor, S.P. and P.M. Varma, 1956
 McLean, D.M., 1941
 V. pea enation mosaic
 Osborn, H.T., 1938
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 Osborn, H.T., 1937
 V. pea streak
 Zaumeyer, W.J., 1938
 V. red clover vein mosaic
 Osborn, H.T., 1937
 V. soybean mosaic
 Conover, Robert A., 1948
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- P. calcaratus*, Roxb.
 V. bean common mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. bean yellow mosaic
 Pierce, W.H., 1934
 Zaumeyer, W.J. and H.H. Fisher, 1953
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. cucumber mosaic
 Harter, L.L., 1938
 V. lucerne mosaic
 Zaumeyer, W.J., 1938
 V. pea streak
 Zaumeyer, W.J., 1938
 V. red clover mosaic *
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. tobacco streak
 Thomas, H. Rex and W.J. Zaumeyer, 1950
- P. coccineus*, L.
 V. anemone brown ring *
 Hollings, M., 1958
 V. bean pod mottle
 Zaumeyer, W.J. and H. Rex Thomas, 1948
 V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
 V. bean yellow mosaic
 Baggett, James R., 1956
 Conover, Robert A., 1948
 Thomas, H. Rex and W.J. Zaumeyer, 1953
 Zaumeyer, W.J. and H.H. Fisher, 1953
- P. coccineus, L. (cont.)
 V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
 V. beet mosaic
 Pound, Glenn S., 1947
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. soybean mosaic
 Conover, Robert A., 1948
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- P. lathyroides*, L.
 V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
 V. tobacco streak
 Thomas, H. Rex and W.J. Zaumeyer, 1950
- P. limensis*, MacF.
 V. bean yellow mosaic
 Pierce, W.H., 1934
 V. canna mosaic
 Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
 V. cucumber mosaic
 Simons, John N., 1957
 Wellman, F.L., 1935
 V. datura distortion mosaic
 Capoor, S.P. and P.M. Varma, 1952
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- P. limensis* var. *limenanus*, Bailey *
 V. squash mosaic
 Freitag, J.H., 1956
- P. lunatus*, L.
 V. alsike clover mosaic
 Zaumeyer, W.J., 1940
 V. bean common mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. bean yellow mosaic
 Conover, Robert A., 1948
 Grogan, Raymond G. and J.C. Walker, 1948
 Thomas, H. Rex and W.J. Zaumeyer, 1953
 Zaumeyer, W.J., 1940
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
 V. cowpea mosaic
 McLean, D.M., 1941
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 V. lucerne mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 V. papaw mosaic
 Adsuar, Jose, 1950
 V. pea streak
 Zaumeyer, W.J., 1938
 V. potato Y
 Roque, Arturo and Jose Adsuar, 1941
 V. potato yellow dwarf
 Hougas, R.W., 1951
 V. red clover mosaic *
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. soybean mosaic
 Conover, Robert A., 1948

- Phaseolus lunatus*, L., f. *macrocarpus*, (Benth.) Van Ess.
- V. bean common mosaic
 - Zaumeyer, W.J. and B.L. Wade, 1935
 - V. bean pod mottle
 - Zaumeyer, W.J. and H. Rex Thomas, 1948
 - V. bean southern mosaic
 - Zaumeyer, W.J. and L.L. Harter, 1943
 - V. bean yellow mosaic
 - Pierce, W.H., 1934
 - Zaumeyer, W.J. and B.L. Wade, 1935
 - V. bean yellow stipule
 - Zaumeyer, W.J. and H. Rex Thomas, 1950
 - V. datura distortion mosaic
 - Capoor, S.P. and P.M. Varma, 1952
 - V. lucerne mosaic
 - Zaumeyer, W.J., 1938
 - Zaumeyer, W.J. and B.L. Wade, 1935
 - V. pea streak
 - Zaumeyer, W.J., 1938
 - V. red clover mosaic *
 - Zaumeyer, W.J. and B.L. Wade, 1935
- P. mungo*, L.
- V. bean common mosaic
 - Zaumeyer, W.J. and B.L. Wade, 1935
 - V. bean pod mottle
 - Zaumeyer, W.J. and H. Rex Thomas, 1948
 - V. bean southern mosaic
 - Zaumeyer, W.J. and L.L. Harter, 1943
 - V. bean yellow mosaic
 - Conover, Robert A., 1948
 - Zaumeyer, W.J. and H.H. Fisher, 1953
 - Zaumeyer, W.J. and B.L. Wade, 1935
 - V. cowpea mosaic
 - Capoor, S.P. and P.M. Varma, 1956
 - V. pea streak
 - Zaumeyer, W.J., 1938
 - V. red clover mosaic *
 - Zaumeyer, W.J. and B.L. Wade, 1935
 - V. soybean mosaic
 - Conover, Robert A., 1948
 - V. tobacco streak
 - Cooper, W.E., 1949
- P. trilobus*, Ait.
- V. cowpea mosaic
 - Capoor, S.P. and P.M. Varma, 1956
- P. vulgaris*, L.
- V. abutilon infectious variegation
 - Bird, Julio, 1958
 - V. anemone brown ring *
 - Hollings, M., 1958
 - V. anemone mosaic *
 - Hollings, M., 1957
 - V. barley stripe mosaic
 - McKinney, H.H., 1953
 - Sill, W.H., Jr. and E.D. Hansing, 1955
 - V. bayberry yellows
 - Raychaudhuri, S.P., 1953
 - V. beet curly top
 - Bennett, C.W., Eubanks Carsner, F.H. Coons and E.W. Brandes, 1946
 - Bennett, C.W. and A.S. Costa, 1949
 - Carsner, E., 1919
 - Giddings, N.J., 1938
 - Murphy, Donald M. and W.H. Pierce, 1938
 - V. beet mosaic
 - Bennett, C.W., 1949
 - Pound, Glenn S., 1947
 - Severin, Henry H.P. and Roger M. Drake, 1948
 - V. beet yellows
 - Roland, G. and J. Tahon, 1961
 - V. beet yellow wilt
 - Bennett, C.W. and Carlos Munck, 1946
 - V. broad bean mottle
 - Yu, T.F., 1939
 - V. cacao swollen shoot
 - Tinsley, T.W. and A.L. Wharton, 1958
 - V. carnation mosaic
 - Brierley, Philip and Floyd F. Smith, 1955, 1957
 - V. carnation mottle
 - Brierley, Philip and Floyd F. Smith, 1957
 - Kassanis, B., 1955
 - V. carnation vein mottle
 - Kassanis, B., 1955
- P. vulgaris*, L. (cont.)
- V. cauliflower mosaic
 - Alvarez-Garcia, L.A., 1951
 - V. chili (pepper) mosaic
 - Dale, W.T., 1954
 - V. chrysanthemum B (mild mosaic) *
 - Hollings, M., 1957
 - V. chrysanthemum latent *
 - Hollings, M., 1957
 - V. chrysanthemum ring spot
 - Brierley, Philip and Floyd F. Smith, 1955
 - V. chrysanthemum stunt
 - Brierley, Philip, 1953
 - V. citrus tristeza
 - Bennett, C.W. and A.S. Costa, 1949
 - V. cowpea mosaic
 - Anderson, C.W., 1955
 - Capoor, S.P. and P.M. Varma, 1956
 - Dale, W.T., 1949
 - McLean, D.M., 1941
 - Yu, T.F., 1946
 - V. cucumber mosaic
 - Adsuar, Jose and A. Cruz Miret, 1950
 - Anderson, C.W., 1951
 - Berkeley, G.H., 1953
 - Bridgmon, G.H. and J.C. Walker, 1952
 - Brierley, Philip, 1952
 - Doolittle, S.P. and W.W. Gilbert, 1918
 - Govier, D.A., 1957
 - Harter, L.L., 1936, 1938
 - Johnson, E.M., 1930
 - Milbrath, J.A. and Roy A. Young, 1956
 - Nienow, Inez, 1948
 - Pound, Glenn S. and J.C. Walker, 1948
 - Simons, John N., 1957
 - Wellman, F.L., 1934, 1935
 - Whipple, O.C. and J.C. Walker, 1941
 - V. (cucumber) O.S.C. isolate 606 *
 - Porter, Clak A. and Frank P. McWhorter, 1951
 - V. datura distortion mosaic
 - Capoor, S.P. and P.M. Varma, 1952
 - V. dodder latent mosaic
 - Bennett, C.W., 1944
 - V. filaree red leaf
 - Frazier, Norman W., 1951
 - V. hibiscus yellow vein mosaic
 - Capoor, S.P. and P.M. Varma, 1950
 - V. hydrangea ring spot
 - Brierley, Philip and Paul Lorentz, 1956, 1957
 - V. lettuce mosaic
 - Ainsworth, G.C., 1940
 - V. lucerne mosaic
 - Harrison, Arthur L., 1935
 - V. lucerne witches' broom
 - Menzies, J.D., 1946
 - V. muskmelon mosaic
 - Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 - V. nicotiana glutinosa root necrosis *
 - Cetas, Robert C. and A. Frank Ross, 1952
 - V. nothoscordum mosaic
 - McKinney, H.H., 1950
 - V. onion yellow dwarf
 - Henderson, W.J., 1935
 - V. orchid (cymbidium) mosaic
 - Jensen, D.D., 1951
 - V. orchid (vanda) mosaic
 - Murakishi, Harry H., 1952
 - V. papaw mosaic
 - Adsuar, Jose, 1950
 - V. pea die back *
 - Zaumeyer, W.J., 1939
 - V. pea enation mosaic
 - Ainsworth, G.C., 1940
 - Chaudhuri, R.P., 1950
 - V. pea mosaic
 - Hagedorn, D.J. and J.C. Walker, 1954
 - McEwen, F.L. and W.T. Schroeder, 1956
 - Osborn, H.T., 1938
 - Pierce, W.H., 1935, 1937
 - Simons, John N., 1954
 - Stubbs, M.W., 1936, 1937
 - V. pea mosaic
 - Ainsworth, G.C., 1940
 - Chaudhuri, R.P., 1950

- Phaseolus vulgaris*, L. (cont.)
 V. pea mosaic
 Hagedorn, D.J. and J.C. Walker, 1954
 Harrison, Arthur L., 1935
 Murphy, D.M. and W.H. Pierce, 1937
 Pierce, W.H., 1935, 1937
 Stubbs, M.W., 1936, 1937
 Zaumeyer, W.J. and B.L. Wade, 1936
 V. pea stem streak *
 Zaumeyer, W.J., 1939
 V. pea streak
 Zaumeyer, W.J., 1938
 V. pea wilt
 Pierce, W.H., 1935
 V. pea yellow mosaic *
 Ainsworth, G.C., 1940
 V. pelargonium ring spot *
 Hollings, M., 1957
 V. pigeon pea sterility mosaic
 Capoor, S.P., 1952
 V. potato X
 Folson, Donald and Reiner Bonde, 1937
 Johnson, E.M., 1930
 V. potato Y
 Bald, J.G. and D.O. Norris, 1945
 Johnson, E.M., 1930
 Peterson, Paul D. and H.H. McKinney, 1938
 Roque, Arturo and Jose Adsuar, 1941
 V. red clover mosaic *
 Zaumeyer, W.J., 1933
 Zaumeyer, W.J. and B.L. Wade, 1933, 1935, 1936
 V. red clover vein mosaic
 Hagedorn, D.J. and E.W. Hanson, 1951
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 Osborn, H.T., 1937
 Roberts, D.A., 1957
 V. red currant ring spot
 Klessner, P.J., 1951
 V. soybean mosaic
 Conover, Robert A., 1948
 Harrison, Arthur L., 1935
 Kendrick, James B. and Max W. Gardner, 1924
 Pierce, W.H., 1935
 V. squash mosaic
 Freitag, J.H., 1956
 V. squash mosaic (southern)
 Anderson, C.W., 1951
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 V. sweet potato mosaic
 Borders, H.I. and T.J. Ratcliff, 1954
 V. tobacco coarse etch
 Johnson, E.M., 1930
 V. tobacco etch
 Anderson, C.W., 1954
 Holmes, Francis O., 1946
 Johnson, E.M., 1930
 V. tobacco green mosaic
 Peterson, Paul D. and H.H. McKinney, 1938
 V. tobacco mosaic
 Holmes, Francis O., 1941
 Johnson, E.M., 1930
 McKinney, H.H., 1952
 Price, W.C. and S.B. Fenne, 1951
 V. tobacco ring spot
 Johnson, E.M., 1930
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
 V. tomato spotted wilt
 Parris, G.K., 1940
 Smith, Kenneth M., 1931, 1932
 V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
 V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
- PHILADELPHUS ((Riv.)) L. 1735 (Saxifragaceae)
 P. coronarius, L.
 V. tobacco ring spot no. 2
 Brierley, Philip, 1954
 P. lewisii, Pursh, var. californicus, Gray *
 V. lucerne dwarf
 Freitag, J.H., 1951
- PHILODENDRON Schott 1829 (Araceae)
 P. spp.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
 V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- PHLEUM L. 1735 (Gramineae)
 P. boehmeri, Wibel
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 P. phleoides, (L.) Karst.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 P. pratense, L.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
 V. barley stripe mosaic
 Slykhuis, J.T., 1952
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
 V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
 V. tobacco ring spot
 Wingard, S.A., 1928
 V. wheat streak mosaic
 Slykhuis, J.T., 1952, 1955
- PHYLLANTHUS L. 1737 (Euphorbiaceae)
 P. corcovadensis, Muell.
 V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
- PHYLLOSTACHYS Sieb. & Zucc. 1843 (Gramineae)
 P. pubescens *
 V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
 P. quilioi, A. & C. Riviere *
 V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
- PHLOX L. 1737 (Polemoniaceae)
 P. drummondii, Hook.
 V. anemone brown ring *
 Hollings, M., 1958
 V. anemone mosaic *
 Hollings, M., 1957
 V. beet mosaic
 Pound, Glenn S., 1947
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
 V. red currant ring spot
 Klessner, P.J., 1951
 V. squash mosaic
 Freitag, J.H., 1956
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942

- PHYSALIS* L. 1735 (Solanaceae)
- P. *aequata*, Jacq. f. ex Nees
 - V. *prunus* A *
 - Fulton, Robert W., 1957
 - P. *alkekengi*, L.
 - V. *datura* distortion mosaic
 - Capoor, S.P. and P.M. Varma, 1952
 - P. *angulata*, L.
 - V. *abutilon* infectious variegation
 - Bird, Julio, 1958
 - V. *chrysanthemum* ring spot
 - Brierley, Philip and Floyd F. Smith, 1955
 - V. *cucumber* mosaic
 - Adsuar, Jose and A. Cruz Miret, 1950
 - V. *papaw* mosaic
 - Adsuar, Jose, 1950
 - V. *potato* A
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - V. *tobacco* ring spot no. 2
 - Brierley, Philip, 1954
 - P. *floridana*, Rydb.
 - V. *anemone* brown ring *
 - Hollings, M., 1958
 - V. *chrysanthemum* B (mild mosaic) *
 - Hollings, M., 1957
 - V. *pelargonium* ring spot *
 - Hollings, M., 1957
 - V. *potato* A
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - V. *potato* M *
 - Bagnall, R.H. and R.H. Larson, 1957
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - V. *potato* paracrinkle
 - Bagnall, R.H. and R.H. Larson, 1957
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - V. *sweet potato* feathery mottle
 - Webb, Raymon E., 1954
 - P. *franchetti*, Mast.
 - V. *potato* leaf roll
 - MacCarthy, H.R., 1954
 - V. *potato* X
 - Smith, J. Henderson, 1928
 - P. *heterophylla*, Nees
 - V. *potato* leaf roll
 - MacCarthy, H.R., 1954
 - V. *potato* spindle tuber
 - Goss, R.W., 1931
 - P. *ixocarpa*, Brot.
 - V. *potato* leaf roll
 - MacCarthy, H.R., 1954
 - P. *longifolia*, Nutt.
 - V. *potato* Y
 - Koch, K.L., 1933
 - P. *peruviana*, L.
 - V. *cowpea* mosaic
 - Capoor, S.P. and P.M. Varma, 1956
 - V. *datura* distortion mosaic
 - Capoor, S.P. and P.M. Varma, 1952
 - V. *pigeon pea* sterility mosaic
 - Capoor, S.P., 1952
 - V. *potato* A
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - V. *potato* leaf roll
 - Webb, R.E., R.H. Larson and J.C. Walker, 1952
 - V. *tobacco* leaf curl
 - Bird, Julio, 1957
 - P. *philadelphica*, Lam.
 - V. *potato* M *
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - P. *pubescens*, L.
 - V. *beet* mosaic
 - Pound, Glenn S., 1947
 - V. *cauliflower* mosaic
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - V. *pea* mosaic
 - Murphy, D.M. and W.H. Pierce, 1937
- P. *pubescens*, L. (cont.)
- V. *pokeweed* mosaic *
 - Allard, H.A., 1918
 - V. *potato* A
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - V. *potato* leaf roll
 - MacCarthy, H.R., 1954
 - Webb, R.E., R.H. Larson and J.C. Walker, 1952
 - V. *stone fruit* *
 - Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 - V. *tobacco* ring spot
 - Johnson, E.M., 1930
 - P. spp.
 - V. *beet* curly top
 - Costa, A.S., 1952
 - V. *cauliflower* mosaic
 - Alvarez-Garcia, L.A., 1951
 - V. *euphorbia* mosaic
 - Costa, A.S. and C.W. Bennett, 1950
 - V. *potato* leaf roll
 - Dykstra, T.P., 1933
 - P. *virginiana*, Mill.
 - V. *potato* A
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - P. *wrightii*, A. Gray
 - V. *beet* yellows
 - Roland, G. and J. Tahon, 1961
- PHYSOSTEGIA* Benth. 1829 (Labiatae)
- P. *virginiana*, (L.) Benth.
 - V. *tobacco* ring spot no. 2
 - Brierley, Philip, 1954
- PHYTOLACCA* Tourn. ex L. 1735 (Phytolaccaceae)
- P. *americana*, L.
 - V. *anemone* brown ring *
 - Hollings, M., 1958
 - V. *beet* curly top
 - Bennett, C.W. and A.S. Costa, 1949
 - Giddings, N.J., C.W. Bennett and A.L. Harrison, 1951
 - V. *beet* mosaic
 - Bennett, C.W., 1949
 - Pound, Glenn S., 1947
 - V. *chrysanthemum* B (mild mosaic) *
 - Hollings, M., 1957
 - V. *chrysanthemum* latent *
 - Hollings, M., 1957
 - V. *lucerne* mosaic
 - Johnson, E.M., 1946
 - V. *tobacco* ring spot
 - Henderson, R.G. and S.A. Wingard, 1931
 - V. *tobacco* streak
 - Thomas, H. Rex and W.J. Zaumeyer, 1950
 - P. *decandra*, L.
 - V. *beet* yellows
 - Roland, G. and J. Tahon, 1961
 - V. *cucumber* mosaic
 - Govier, D.A., 1957
 - Johnson, J., 1926, 1927
 - V. *nicotiana glutinosa* mosaic *
 - Allard, H.A., 1916
 - V. *potato* X
 - Johnson, James, 1927
 - V. *potato* Y
 - Johnson, E.M., 1930
 - Johnson, James, 1927
 - V. *tobacco* etch
 - Holmes, Francis O., 1946
 - Johnson, E.M., 1930
 - V. *tobacco* mosaic
 - Allard, H.A., 1916, 1918
 - Doolittle, S.P. and F.S. Beecher, 1942
 - Johnson, E.M., 1930
 - Johnson, J., 1926, 1927
 - V. *tobacco* ring spot
 - Fenne, S.B., 1931
 - V. *tomato* ring spot
 - Samson, R.W. and E.P. Imle, 1942
 - V. *tomato* spotted wilt
 - Smith, Kenneth M., 1931

- Phytolacca rigida*, Small
 V. cowpea mosaic
 Anderson, C.W., 1955
- Piaropus* Raf. 1836 (Pontederiaceae)
P. crassipes, Raf.
 V. cucumber mosaic
 Wellman, F.L., 1935
- Pisum* ((Tourn.)) L. 1735 (Leguminosae)
P. sativum, L.
 V. anemone mosaic *
 Hollings, M., 1957
 V. bean common mosaic
 Ainsworth, G.C., 1940
 Doolittle, S.P. and F.R. Jones, 1925
 Snyder, W.C., 1942
 Zaumeyer, W.J. and B.L. Wade, 1933, 1935
 V. bean mosaic 3 *
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. bean pod mottle
 Zaumeyer, W.J. and H. Rex Thomas, 1948
 V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
 V. bean yellow mosaic
 Afanasiiev, M.M. and H.E. Morris, 1952
 Doolittle, S.P. and F.R. Jones, 1925
 Zaumeyer, W.J., 1952
 Zaumeyer, W.J. and H.H. Fisher, 1953
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. cauliflower mosaic
 Alvarez-Garcia, L.A., 1951
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. cineraria mosaic
 Jones, Leon K., 1944
 V. cowpea mosaic
 Anderson, C.W., 1955
 McLean, D.M., 1941
 Yu, T.F., 1946
 V. cucumber green mottle mosaic
 Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 V. cucumber mosaic
 Berkeley, G.H., 1953
 Bridgmon, G.H. and J.C. Walker, 1952
 Burnett, G., 1934
 Govier, D.A., 1957
 Harter, L.L., 1938
 Johnson, E.M., 1930
 Wellman, F.L., 1935
 V. dodder latent mosaic
 Bennett, C.W., 1944
 V. filaree red leaf
 Frazier, Norman W., 1951
 V. kaimi clover disease *
 Murakishi, Harry H., 1952
 V. lucerne mosaic
 Pierce, W.H., 1937
 Zaumeyer, W.J. and B.L. Wade, 1933, 1935
 V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
 V. potato X
 Johnson, E.M., 1930
 V. potato Y
 Bald, J.G. and D.O. Norris, 1945
 Johnson, E.M., 1930
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. radish mosaic
 Tompkins, C.M., 1939
 V. red currant ring spot
 Klessner, P.J., 1951
- P. sativum, L. (cont.)
 V. soybean mosaic
 Pierce, W.H., 1935
 V. squash mosaic
 Freitag, J.H., 1956
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 V. tobacco coarse etch
 Johnson, E.M., 1930
 V. tobacco etch
 Anderson, C.W., 1954
 Holmes, Francis O., 1946
 Johnson, E.M., 1930
 V. tobacco mosaic
 Das, C.R. and S.P. Raychaudhuri, 1953
 Holmes, Francis O., 1946
 Johnson, E.M., 1930
 V. tobacco ring spot
 Benedict, W.G., 1955
 Johnson, E.M., 1930
 Wingard, S.A., 1928
 V. tomato spotted wilt
 Parris, G.K., 1940
 V. turnip mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
P. sativum var. *arvensis*, (L.) Poir.
 V. cowpea mosaic
 McLean, D.M., 1941
 Yu, T.F., 1946
 V. soybean mosaic
 Kendrick, James B. and Max W. Gardner, 1924
P. sativum var. *saccharatum*, Hort.
 V. bean common mosaic
 Pierce, W.H., 1935
 V. soybean mosaic
 Pierce, W.H., 1935
- Plantago* Tourn. L. 1735 (Plantaginaceae)
- P. coronopus*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- P. erecta*, Morris
 V. beet curly top
 Giddings, N.J., 1938
- P. lanceolata*, L.
 V. anemone brown ring *
 Hollings, M., 1958
 V. aster yellows
 Kunkel, L.O., 1928
 V. beet mosaic
 Bennett, C.W., 1949
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. chrysanthemum latent *
 Hollings, M., 1957
 V. lucerne dwarf
 Freitag, J.H., 1951
 V. pea mottle
 Johnson, Folke, 1942
 V. pea wilt
 Johnson, Folke, 1942
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- P. major*, L.
 V. beet mosaic
 Severin, Henry H.P. and Roger M. Drake, 1947
 V. beet yellow net
 Sylvester, Edward S., 1948
- V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
- V. filaree red leaf
 Frazier, Norman W., 1951
- V. onion yellow dwarf
 Henderson, W.J., 1935
- V. orchid (cymbidium) mosaic
 Jensen, D.D., 1951
- V. orchid (odontoglossum) ring spot
 Jensen, D.D. and A. Herbert Gold, 1951
- V. papaw mosaic
 Adsuar, Jose, 1950

- Plantago major*, L. (cont.)
 V. pea mottle
 Johnson, Folke, 1942
 V. pea wilt
 Johnson, Folke, 1942
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco ring spot
 Fenne, S.B., 1931
 Henderson, R.G. and S.A. Wingard, 1931
 Wingard, S.A., 1928
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- P. media*, L.
 V. tomato aspermy
 Hollings, M., 1955
- P. rugelii*, DCne.
 V. tobacco etch
 Holmes, Francis O., 1946
- P. spp.*
 V. cucumber mosaic
 Wellman, F.L., 1935
- P. virginica*, L.
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
- PLUCHEA** Cass. 1817 (Compositae)
P. sericea, Coville
 V. beet curly top
 Severin, Henry H.P., 1939
- POA** L. 1737 (Gramineae)
P. ampla, Merr.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- P. bulbosa*, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- P. canbyi*, (Scribn.) Piper
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- P. compressa*, L.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- P. pratensis*, L.
 V. agropyron mosaic
 Slykhuys, J.T., 1952
 V. barley stripe mosaic
 Slykhuys, J.T., 1952
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- V. beet yellows*
 Roland, G. and J. Tahon, 1961
- V. cucumber mosaic*
 Wellman, F.L., 1935
- V. lucerne dwarf*
 Freitag, J.H., 1951
- V. sugarcane mosaic*
 Brandes, E.W. and Peter J. Klaphaak, 1923
- V. wheat streak mosaic*
 Slykhuys, J.T., 1952, 1955
- POLANISIA** Raf. 1818 (Capparidaceae)
P. trachysperma, Torr. & Gray
 V. tobacco etch
 Holmes, Francis O., 1946
- POLYGONATUM** ((Tourn.)) Adans. 1763 (Liliaceae)
P. spp.
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- POLYGONUM** ((Tourn.)) L. 1735 (Polygonaceae)
P. acre, H. B. & K.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- P. argyrocoleon*, Steud. ex Kunze
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- P. aviculare*, L.
 V. cucumber mosaic
 Harter, L.L., 1938
- P. coccineum*, Muhl.
 V. beet yellow net
 Sylvester, Edward S., 1948
- P. heterophyllum*, Soland. ex Meissn.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- P. hydropiper*, L.
 V. beet mosaic
 Pound, Glenn S., 1947
- V. tobacco etch*
 Holmes, Francis O., 1946
- V. tobacco mosaic*
 Holmes, Francis O., 1938
- V. tobacco ring spot*
 Henderson, R.G. and S.A. Wingard, 1931
- P. lapathifolium*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- P. nodosum*, Pers.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- P. persicaria*, L.
 V. beet yellow net
 Sylvester, Edward S., 1948
- V. tobacco mosaic*
 Holmes, Francis O., 1938
- P. scandens*, L.
 V. beet mosaic
 Pound, Glenn S., 1947
- P. spp.*
 V. tobacco ring spot
 Fenne, S.B., 1931
- POLYPODIUM** ((Tourn.)) L. 1753 (Polypodiaceae)
P. vulgare, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
- POLYPOGON** Desf. 1798 (Gramineae)
P. monspeliensis, (L.) Desf.
 V. lucerne dwarf
 Freitag, J.H., 1951
- PONTEDERIA** L. 1735 (Pontederiaceae)
P. cordata, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
- POPULUS** L. 1735 (Salicaceae)
P. spp.
 V. lucerne dwarf
 Freitag, J.H., 1951
- PORTULACA** L. 1735 (Portulacaceae)
P. grandiflora, Hook.
 V. cucumber mosaic
 Wellman, F.L., 1935
- V. tobacco ring spot no. 2*
 Brierley, Philip, 1954
- P. marginata*, H. B. & K.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- P. oleracea*, L.
 V. beet curly top
 Bennett, C.W. and A.S. Costa, 1949
- Carsner*, E., 1919
- V. beet yellows*
 Roland, G. and J. Tahon, 1961
- V. chrysanthemum B (mild mosaic) **
 Hollings, M., 1957
- V. chrysanthemum latent **
 Hollings, M., 1957
- V. lucerne dwarf*
 Freitag, J.H., 1951
- V. muskmelon mosaic*
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
- V. papaw ring spot*
 Jensen, D.D., 1949
- V. stone fruit **
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954

- Portulaca oleracea*, L. (cont.)
 V. tobacco mosaic
 Holmes, Francis O., 1938
 V. tobacco streak
 Thomas, H. Rex and W.J. Zaumeyer, 1950
P. retusa, Engelm.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
P. spp.
 V. cauliflower mosaic
 Alvarez-Garcia, L.A., 1951
- POTENTILLA* L. 1735 (Rosaceae)
P. arguta, Pursh.
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- P. monspeliensis*, L.
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
- P. palustris*, (L.) Scop.
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
- PRIMULA* L. 1735 (Primulaceae)
P. auricula, L.
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
- P. kewensis*, W. Wats.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- P. malacoides*, Franch.
 V. anemone brown ring *
 Hollings, M., 1958
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. chrysanthemum latent *
 Hollings, M., 1957
- P. obconica*, Hance
 V. orchid (cymbidium) mosaic
 Jensen, D.D., 1951
 V. tobacco etch
 Holmes, Francis O., 1946
- P. polyantha*, Mill.
 V. tomato aspermity
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- P. sinensis*, Lindl.
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
- P. veris*, L.
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
 V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
 V. squash mosaic
 Freitag, J.H., 1956
- P. vulgaris*, Huds.
 V. cucumber mosaic
 Govier, D.A., 1957
- PRUNELLA* L. 1753 (Labiatae)
P. vulgaris, L.
 V. tobacco etch
 Holmes, Francis O., 1946
- PRUNUS* ((Tourn.)) L. 1735 (Rosaceae)
 ((AMYGDALUS) ((Tourn.)) L. 1735
P. andersoni, A. Gray
 V. peach western X disease
 Rawlins, T.E. and H. Earl Thomas, 1941
- P. armeniaca*, L.
 V. cherry freckle fruit disease *
 Williams, H.E. and J.A. Milbrath, 1955
 V. peach blotch
 Willison, R.S., 1946
- P. avium*, L.
 V. peach blotch
 Willison, R.S., 1946
 V. peach yellow bud mosaic
 Schlocker, Archie, H. Keith Wagnon and James R. Breece, 1957
 V. prune dwarf
 Hildebrand, E.M., 1942
 V. (sour) cherry yellows
 Keitt, G.W. and C.N. Clayton, 1943
- P. besseyi*, Bailey
 V. peach ring spot
 Fink, Harry C., 1950, 1955
- P. cerasifera*, Ehrh.
 V. peach blotch
 Willison, R.S., 1946
 V. peach western X disease
 Rawlins, T.E. and H. Earl Thomas, 1941
 V. peach yellow bud mosaic
 Schlocker, Archie, H. Keith Wagnon and James R. Breece, 1957
- P. cerasus*, L.
 V. peach blotch
 Willison, R.S., 1946
 V. peach mosaic
 Richards, B.L. and L.C. Cochran, 1956
 V. peach necrotic leaf spot
 Fridlund, Paul R., 1954
 V. prune dwarf
 Hildebrand, E.M., 1942
 Thomas, H.E. and E.M. Hildebrand, 1936
- P. cistena* *
 V. (sour) cherry yellows
 Young, H.C., Jr., 1951
- P. demissa*, (Nutt.) Walp.
 V. cherry little cherry
 Wilks, Jack M. and J.A. Milbrath, 1956
 V. lucerne dwarf
 Freitag, J.H., 1951
- P. domestica*, L.
 V. cherry rugose mosaic
 Berkeley, G.H., 1950
 V. peach blotch
 Willison, R.S., 1946
 V. peach ring spot
 Moore, J. Duain and G.W. Keitt, 1944
 V. peach western X disease
 Rawlins, T.E. and H. Earl Thomas, 1941
 V. prune dwarf
 Moore, J. Duain and H.R. Cameron, 1956
 V. (sour) cherry yellows
 Moore, J. Duain and H.R. Cameron, 1956
 Moore, J. Duain and G.W. Keitt, 1944
 V. stone fruit necrotic ring spot *
 Moore, J. Duain and H.R. Cameron, 1956
- P. emarginata*, (Dougl.) Walp.
 V. peach western X disease
 Rawlins, T.E. and H. Earl Thomas, 1941
- P. fasciculata*, A. Gray
 V. peach mosaic
 Richards, B.L. and L.C. Cochran, 1956
- P. fremonti*, S. Wats.
 V. peach mosaic
 Richards, B.L. and L.C. Cochran, 1956
 V. peach western X disease
 Rawlins, T.E. and H. Earl Thomas, 1941
- P. ilicifolia*, (Nutt.) Walp.
 V. peach western X disease
 Rawlins, T.E. and H. Earl Thomas, 1941
- P. mahaleb*, L.
 V. peach blotch
 Willison, R.S., 1946
 V. peach western X disease
 Rawlins, T.E. and K.G. Parker, 1934
- P. marianna* *
 V. peach western X disease
 Rawlins, T.E. and H. Earl Thomas, 1941
- P. mume*, Sieb. & Zucc.
 V. lucerne dwarf
 Freitag, J.H., 1951

- Prunus persica**, (L.) Batsch (*Amygdalus persica*, L.)
- V. aster yellows
McClintock, J.A., 1931
 - V. bayberry yellows
Raychaudhuri, S.P., 1953
 - V. beet yellows
Roland, G. and J. Tahon, 1961
 - V. cherry freckle fruit disease *
Williams, H.E. and J.A. Milbrath, 1955
 - V. cherry little cherry
Milbrath, J.A. and H.E. Williams, 1956
 - Wilks, Jack M. and J.A. Milbrath, 1956
 - V. peach mosaic
Bodine, E.W. and L.W. Durrell, 1941
 - V. peach necrotic leaf spot
Fridlund, Paul R., 1954
 - V. prune dwarf
Thomas, H.E. and E.M. Hildebrand, 1936
 - V. prunus A *
Fulton, Robert W., 1957
 - V. prunus B *
Fulton, Robert W., 1957
 - V. prunus E *
Fulton, Robert W., 1957
 - V. prunus G *
Fulton, Robert W., 1957
 - V. vaccinium false blossom
Kunkel, L.O., 1945
 - P. salicina, Lindl.
 - V. peach blotch
Willison, R.S., 1946
 - V. peach yellow bud mosaic
Schlocker, Archie, H. Keith Wagnon and James R. Breece, 1957
 - V. prune dwarf
Cochran, L.C., 1956
 - P. salicina x P. americana, Marsh.
 - V. peach ring spot
Fink, Harry C., 1950
 - P. salicina x P. munsoniana, Wight & Hedr.
 - V. peach ring spot
Fink, Harry C., 1955
 - P. serotina, Ehrh.
 - V. peach X disease
Gilmer, R.M., 1951
 - Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
 - P. serrulata, Lindl.
 - V. elm mosaic
Callahan, Kemper L. and J. Duain Moore, 1957
 - P. subcordata, Benth.
 - V. peach western X disease
Rawlins, T.E. and H. Earl Thomas, 1941
 - P. tomentosa, Thunb.
 - V. peach necrotic leaf spot
Fridlund, Paul R., 1954
 - P. virginiana, L. var. demissa, (Torr. & Gray) Torr.
 - V. peach mosaic
Richards, B.L. and L.C. Cochran, 1956
- PSEUDOTSUGA** Carr. 1867 (Pinaceae)
- P. taxifolia, (Poir.) Britt.
 - V. lucerne dwarf
Freitag, J.H., 1951
- PSIDIUM** L. 1737 (Myrtaceae)
- P. guajava, L.
 - V. chilli (pepper) mosaic
Jha, Ashrafi and S.P. Raychaudhuri, 1956
 - V. cucumber mosaic
Wellman, F.L., 1935
- PTELEA** L. 1735 (Rutaceae)
- P. trifoliata, L.
 - V. citrus tristeza
Knorr, L.C., 1956
- PTERIS** L. (*Pteridium*) (Polypodiaceae)
- P. aquilina, L. *
 - V. beet ring spot *
Harrison, B.D., 1957
- PTERYGOTA** Schott & Endl. 1832 (Stereuliaceae)
- P. macrocarpa, K. Schum.
 - V. cacao swollen shoot
Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
 - Tinsley, T.W. and A.L. Wharton, 1958
- PUERARIA** DC. 1825 (Leguminosae)
- P. hirsuta, Schneid.
 - V. pea mosaic
Murphy, D.M. and W.H. Pierce, 1937
 - P. lobata, (Willd.) Ohwi
 - V. beet yellows
Roland, G. and J. Tahon, 1961
- PUNICA** ((Tourn.)) L. 1735 (Punicaceae)
- P. granatum, L.
 - V. beet curly top
Giddings, N.J., 1944
- PYCNANTHUS** Warb. 1895 (Myristicaceae)
- P. kombo, Warb. *
 - V. cacao swollen shoot
Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
- PYRACANTHA** M. Roem. 1847 (Rosaceae)
- P. angustifolia, C.K. Schneider
 - V. lucerne dwarf
Freitag, J.H., 1951
- QUAMOCЛИT** Tourn. ex Moench 1794 (Convolvulaceae)
- Q. coccinea, (L.) Moench
 - V. sweet potato feathery mottle
Webb, Raymon E., 1954
 - Q. pennata, Bojer
 - V. tomato ring spot
Samson, R.W. and E.P. Imle, 1942
 - Q. sloteri, X H.D. House apud L.H. Bailey in Gentes
 - V. sweet potato feathery mottle
Webb, Raymon E., 1954
Herbarum
 - V. tomato aspermy
Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- RADICULA** Dill. ex Moench 1794 (Cruciferae)
- R. palustris, (L.) Moench
 - V. tobacco mosaic
Holmes, Francis O., 1938
- RANUNCULUS** ((Tourn.)) L. 1735 (Ranunculaceae)
- R. acris, L.
 - V. anemone mosaic *
Hollings, M., 1957
 - R. asiaticus, L.
 - V. primula mosaic
Tompkins, C.M. and John T. Middleton, 1941
 - V. tobacco etch
Holmes, Francis O., 1946
 - V. tobacco mosaic
Holmes, Francis O., 1946
 - R. ficaria, L.
 - V. anemone mosaic *
Hollings, M., 1957
 - V. chrysanthemum B (mild mosaic) *
Hollings, M., 1957
 - R. repens, L.
 - V. anemone mosaic *
Hollings, M., 1957
 - V. chrysanthemum B (mild mosaic) *
Hollings, M., 1957
- RAPHANUS** ((Tourn.)) L. 1735 (Cruciferae)
- R. raphanistrum, L.
 - V. henbane mosaic
Hamilton, Marion A., 1932
 - V. tobacco etch
Holmes, Francis O., 1946
 - V. tobacco mosaic
Holmes, Francis O., 1946
 - R. sativus, L.
 - V. anemone mosaic *
Hollings, M., 1957

- Raphanus sativus*, L. (cont.)
 V. beet curly top
 Carsner, E., 1919
 V. beet mosaic
 Pound, Glenn S., 1947
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. cucumber mosaic
 Burnett, G., 1934
 Johnson, E.M., 1930
 Wellman, F.L., 1935
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
 V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 V. orchid (*cymbidium*) mosaic
 Jensen, D.D., 1951
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. pea mottle
 Johnson, Folke, 1942
 V. pea wilt
 Johnson, Folke, 1942
 V. potato X
 Johnson, E.M., 1930
 V. potato Y
 Johnson, E.M., 1930
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
 V. rape savoy
 Ling, Lee and Juhwa Y. Yang, 1940
 V. squash mosaic
 Freitag, J.H., 1956
 V. tobacco coarse etch
 Johnson, E.M., 1930
 V. tobacco etch
 Holmes, Francis O., 1946
 Johnson, E.M., 1930
 V. tobacco mosaic
 Holmes, Francis O., 1946
 Johnson, E.M., 1930
 V. tobacco necrosis
 Fulton, Robert W., 1950
 V. tobacco ring spot
 Johnson, E.M., 1930
 Wingard, S.A., 1928
 V. turnip mosaic
 Berkeley, G.H. and J.H. Tremaine, 1954
 Berkeley, G.H. and M. Weintraub, 1952
 Gardner, Max W. and James B. Kendrick, 1921
 Tompkins, C.M., 1938, 1939
 R. *sativus* var. *longipinnatus*, Bailey *
 V. turnip mosaic
 Tompkins, C.M., 1939
 R. *sativus* var. *radicula*, (Pers.) A. DC. *
 V. turnip mosaic
 Dale, W.T., 1948
- RESEDA** Tourn. ex L. 1735 (Resedaceae)
 R. *odorata*, L.
 V. anemone brown ring *
 Hollings, M., 1958
 V. beet mosaic
 Pound, Glenn S., 1947
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. henbane mosaic
 Hamilton, Marion A., 1932
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
 V. radish mosaic
 Tompkins, C.M., 1939
- R. *odorata*, L. (cont.)
 V. squash mosaic
 Freitag, J.H., 1956
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tobacco ring spot no. 2
 Brierley, Philip, 1954
 V. turnip mosaic
 Tompkins, C.M. and H. Rex Thomas, 1938
- RHEUM** L. 1735 (Polygonaceae)
 R. *rhaponticum*, L.
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus B *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. radish mosaic
 Tompkins, C.M., 1939
 V. turnip mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
- RHOEO** Hance 1853 (Commelinaceae)
 R. *discolor*, Hance
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- RICINODENDRON** Muell. 1864-65 (Euphorbiaceae)
 R. *africanus*, Muell. Arg.
 V. cacao swollen shoot
 Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
 R. *heudelotii*, Pierre ex Pax
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- RICINUS** ((Tourn.)) L. 1735 (Euphorbiaceae)
 R. *communis*, L.
 V. beet curly top
 Giddings, N.J., C.W. Bennett and A.L. Harrison, 1951
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. cucumber mosaic
 Bennett, C.W., 1944
 Wellman, F.L., 1935
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
 V. radish mosaic
 Tompkins, C.M., 1939
 V. squash mosaic
 Freitag, J.H., 1956
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. turnip mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
- RIVINA** Plum. ex L. 1735 (Phytolaccaceae)
 R. *humilis*, L., var. *aurantica* *
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 V. papaw mosaic
 Adsuar, Jose, 1950
- ROBINIA** L. 1737 (Leguminosae)
 R. *pseudoacacia*, L.
 V. lucerne witches' broom
 Menzies, J.D., 1946

- RORIPPA** Scop. 1760 (Cruciferae)
 (RORIPA) Scop. 1760
R. nasturtium, Rusby
 V. cauliflower mosaic
 Tompkins, C.M., 1937
R. palustris, (L.) Bess.
 V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
 Hildebrand, 1947
- ROSA** Tourn. ex L. 1735 (Rosaceae)
R. californica, Cham. & Schlecht.
 V. peach western X disease
 Rawlins, T.E. and H. Earl Thomas, 1941
R. chinensis, Jacq.
 V. beet curly top
 Giddings, N.J., 1944
(*R. chinensis* x *R. moschata*, Merrm.) x *R. foetida*,
 V. rose mosaic Herrm.
 White, R.P., 1930
R. chinensis var. *manetti*, Dipp.
 V. rose streak
 Brierley, Philip and Floyd F. Smith, 1940
R. dilecta, Rehd.
 V. cucumber mosaic
 Wellman, F.L., 1935
R. hugonis, Hemsl.
 V. rose streak
 Brierley, Philip and Floyd F. Smith, 1940
R. laevigata, Michx.
 V. cucumber mosaic
 Wellman, F.L., 1935
R. odorata, Sweet
 V. rose mosaic
 White, R.P., 1930
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
R. polyantha, Hort.
 V. rose mosaic
 White, R.P., 1930
R. spp.
 V. aster yellows
 Brierley, Philip and Floyd F. Smith, 1940
 V. black raspberry necrosis
 Brierley, Philip and Floyd F. Smith, 1940
 V. strawberry crinkle
 Brierley, Philip and Floyd F. Smith, 1940
 V. tobacco ring spot
 Wingard, S.A., 1928
- RUBUS** ((Tourn.)) L. 1735 (Rosaceae)
R. loganobaccus, Bailey
 V. orchid (cymbidium) mosaic
 Jensen, D.D., 1951
- R. occidentalis*, L.
 V. raspberry alpha leaf curl
 Bennett, C.W., 1930
 Rankin, W. Howard, 1931
- RUDBECKIA** L. 1735 (Compositae)
R. hirta, L.
 V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
 Hildebrand, 1947
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1938
R. serotina, Nutt.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
 V. dahlia mosaic
 Brierley, Philip and Floyd F. Smith, 1950
R. serotina f. *pulcherrima*, (Farw.) Fern & Schub. *
 V. dahlia mosaic
 Brierley, Philip and Floyd F. Smith, 1950
- RUELLIA** Plum. ex L. 1735 (Acanthaceae)
R. tuberosa, L.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
- R. *tuberosa*, L. (cont.)
 V. papaw mosaic
 Adsuar, Jose, 1950
- RUMEX** L. 1735 (Polygonaceae)
R. abyssinicus, Jacq.
 V. tobacco ring spot
 Wingard, S.A., 1928
- R. acetosa*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. squash mosaic
 Freitag, J.H., 1956
- R. acetosella*, L.
 V. beet mosaic
 Bennett, C.W., 1949
 Severin, Henry H.P. and Roger M. Drake, 1947
- V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. pea mottle
 Johnson, Folke, 1942
 V. pea wilt
 Johnson, Folke, 1942
 V. tobacco mosaic
 Holmes, Francis O., 1938
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- R. aquaticus*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- R. britannica*, L.
 V. stone fruit *
- Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- R. conglomeratus*, Murr.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- R. crispus*, L.
 V. beet curly top
 Carsner, E., 1919
 V. beet mosaic
 Severin, Henry H.P. and Roger M. Drake, 1947
- V. beet yellow net
 Sylvester, Edward S., 1948
- V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. stone fruit *
- Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Stover, W.G. and M.T. Vermillion, 1933
- R. domesticus*, Hartm.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- R. obtusifolius*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco ring spot
 Fenne, S.B., 1931
- R. occidentalis*, S. Wats.
 V. beet mosaic
 Pound, Glenn S., 1947
- V. cucumber mosaic
 Nienow, Inez, 1948
- R. patientia*, L.
 V. tobacco ring spot
 Wingard, S.A., 1928
- R. persicarioides*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- R. pulcher*, L.
 V. beet mosaic
 Severin, Henry H.P. and Roger M. Drake, 1947
- V. beet yellows
 Roland, G. and J. Tahon, 1961
- RUTA** ((Tourn.)) L. 1735 (Rutaceae)
R. chalepensis, L.
 V. citrus tristeza
 Knorr, L.C., 1956

- Ruta graveolens*, L.
 V. *citrus tristeza*
 Knorr, L.C., 1956
- R. spp.*
 V. *citrus tristeza*
 Bennett, C.W. and A.S. Costa, 1949
- SACCHARUM* L. 1737 (Gramineae)
S. officinarum, L.
 V. cucumber mosaic
 Wellman, F.L., 1935
- V. maize leaf fleck
 Stoner, Warren N., 1952
- V. sugarcane mosaic
 Storey, H.H., 1929
- V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- SAGITTARIA* Rupp. ex L. 1735 (Alismaceae)
S. montevidensis, Cham. & Schlecht.
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- SAINTPAULIA* H. Wendl. 1893 (Gesneriaceae)
S. ionantha, Wendl.
 V. *chrysanthemum B* (mild mosaic) *
 Hollings, M., 1957
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- S. spp.*
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- SALPIGLOSSIS* Ruiz & Pav. 1794 (Solanaceae)
S. sinuata, Ruiz & Pav.
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. *chrysanthemum B* (mild mosaic) *
 Hollings, M., 1957
- V. cucumber mosaic
 Wellman, F.L., 1935
- V. *prunus A* *
 Fulton, Robert W., 1957
- V. *prunus G* *
 Fulton, Robert W., 1957
- V. squash mosaic
 Freitag, J.H., 1956
- V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- SALVIA* ((Tourn.)) L. 1735 (Labiatae)
S. azurea, Lam.
 V. tobacco etch
 Holmes, Francis O., 1946
- S. farinacea*, Benth.
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
- V. radish mosaic
 Tompkins, C.M., 1939
- V. tobacco etch
 Holmes, Francis O., 1946
- V. turnip mosaic
 Tompkins, C.M., 1938, 1939
- Tompkins, C.M. and H. Rex Thomas, 1938
- S. patens*, Cav.
 V. tobacco etch
 Holmes, Francis O., 1946
- S. splendens*, Ker-Gawl. (cont.)
 V. *chrysanthemum B* (mild mosaic) *
 Hollings, M., 1957
- V. cucumber mosaic
 Wellman, F.L., 1935
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- SAMOLUS* ((Tourn.)) L. 1735 (Primulaceae)
S. floribundus, H.B. & K.
 V. beet curly top
 Costa, A.S., 1952
- S. parviflorus*, Raf.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- SANGUISORBA* Rupp. ex L. 1735 (Rosaceae)
S. minor, Scop.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- SANICULA* ((Tourn.)) L. 1735 (Umbelliferae)
S. canadensis, L.
 V. tobacco mosaic
 Holmes, Francis O., 1938
- SANSEVIERIA* Thunb. 1794 (Liliaceae)
S. thrysiflora, Thunb.
 V. cucumber mosaic
 Wellman, F.L., 1935
- V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- S. zeylanica*, Willd.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
- V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
- V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- SANVITALIA* Gualt. in Lam. 1792 (Compositae)
S. procumbens, Lam.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- SAPONARIA* L. 1735 (Caryophyllaceae)
S. vaccaria, L.
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- SCABIOSA* ((Tourn.)) L. 1735 (Dipsaceae)
S. atropurpurea, L.
 V. beet mosaic
 Pound, Glenn S., 1947
- V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- V. radish mosaic
 Tompkins, C.M., 1939
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- V. tomato aspermy
 Hollings, M., 1955
- V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- V. turnip mosaic
 Tompkins, C.M., 1938, 1939
- Tompkins, C.M. and H. Rex Thomas, 1938
- S. caucasica*, Bieb.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946

- SCAPHOPETALUM** Mast. 1869 (Sapotaceae)
S. amoenum, A. Chev.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- SCHIZANTHUS** Ruiz & Pav. 1794 (Solanaceae)
S. pinnatus, Ruiz & Pav.
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. cucumber mosaic
 Wellman, F.L., 1935
- S. retusus*, Hook
 V. potato Y
 Smith, Kenneth M. and R.W.G. Dennis, 1940
- SCILLA** L. 1735 (Liliaceae)
S. hispanica, Mill. (*S. campanulata*, Ait.)
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- S. peruviana*, L.
 V. ornithogalum mosaic
 Smith, Floyd F. and Philip Brierley, 1944
- SCYTOPETALUM** Pierre 1897 (Scytopetalaceae)
S. tieghemii, Hutchinson & Dalziel
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- SECALE** ((Tourn.)) L. 1735 (Gramineae)
S. cereale, L.
 V. aster yellows
 Black, L.M., 1941
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1955
 V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 V. panicum mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
 V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
 V. wheat spot mosaic *
 Slykhuis, John T., 1956
 V. wheat streak mosaic
 Slykhuis, J.T., 1952
- S. montanum*, Guss.
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
- SECHIUM** P. Br. 1756 (Cucurbitaceae)
S. edule, (Jacq.) Sw.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 V. papaw mosaic
 Adsuar, Jose, 1950
- SENECIO** ((Tourn.)) L. 1735 (Compositae)
S. cruentus, (Mass.) DC.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. chrysanthemum ring spot
 Brierley, Philip and Floyd F. Smith, 1955
 V. cucumber mosaic
 Govier, D.A., 1957
 Wellman, F.L., 1935
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
 V. radish mosaic
 Tompkins, C.M., 1939
 V. turnip mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
- S. douglasii*, DC.
 V. beet curly top
 Severin, Henry H.P., 1939
- S. elegans*, L.
 V. chrysanthemum stunt
 Brierley, Philip, 1953
- S. macrophyllus*, Bieb.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- S. mikanoides*, Otto
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- S. vulgaris*, L.
 V. anemone brown ring *
 Hollings, M., 1958
- SESAMUM** L. 1737 (Pedaliaceae)
S. indicum, L.
 V. nothoscordum mosaic
 McKinney, H.H., 1950
- SESBANIA** Scop. 1777 (Leguminosae)
S. exaltata, (Raf.) Cory
 V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
 V. tobacco streak
 Thomas, H. Rex and W.J. Zaumeyer, 1950
- S. macrocarpa*, Muhl. ex Raf.
 V. tobacco ring spot
 Cooper, W.E., 1949
- S. sesban*, Merr.
 V. prunus G *
 Fulton, Robert W., 1957
- S. speciosa*, Taub. ex Engl.
 V. cowpea mosaic
 Kapoor, S.P. and P.M. Varma, 1956
- SETARIA** Beauv. 1807 (Gramineae)
 (CHAETOCHLOA) Scribn. 1897
S. italica, (L.) Beauv.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
- S. lutescens*, (Weigel) F.T. Hubb (erroneously as *S. glauca*, (L.) Beauv., a synonym of *Pennisetum glaucum*, (L.) R. Br.)
 V. agropyron mosaic
 Slykhuis, J.T., 1952
 V. barley stripe mosaic
 Slykhuis, J.T., 1952
 V. onion yellow dwarf
 Henderson, W.J., 1935
- V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. wheat streak mosaic
 Slykhuis, J.T., 1952, 1955
- S. verticillata*, (L.) Beauv.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
- S. viridis*, (L.) Beauv.
 V. agropyron mosaic
 Slykhuis, J.T., 1952
 V. barley yellow dwarf
 Bruehl, G.W. and H.V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1953
- V. sugarcane mosaic
 Brandes, E.W. and Peter J. Klaphaak, 1923
- SEVERINIA** Tenore 1840 (Rutaceae)
S. buxifolia, Ten.
 V. citrus tristeza
 Knorr, L.C., 1956
- S. disticha*, (Blanco) Swingle
 V. citrus tristeza
 Knorr, L.C., 1956
- SICANA** Naud. 1862 (Cucurbitaceae)
S. odorifera, Naud.
 V. papaw mosaic
 Adsuar, Jose, 1950

- SIDA* L. 1735 (Malvaceae)
S. carpinifolia, L. f.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 V. papaw mosaic
 Adsuar, Jose, 1950
S. fallax, Walp.
 V. hibiscus yellows *
 Hendrix, J. Walter, 1950
S. hederacea, (Dougl.) Torr.
 V. beet curly top
 Severin, Henry H.P., 1939
S. rhombifolia, L.
 V. abutilon infectious variegation
 Silberschmidt, Karl M., 1948
 V. beet curly top
 Bennett, C.W. and A.S. Costa, 1949
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
 V. hibiscus yellow vein mosaic
 Kapoor, S.P. and P.M. Varma, 1950
S. spp.
 V. cowpea mosaic
 Anderson, C.W., 1955
- SILENE* L. 1735 (Caryophyllaceae)
S. compacta, Fisch.
 V. bean pod mottle
 Zaumeyer, W.J. and H. Rex Thomas, 1948
 V. hydrangea ring spot
 Brierley, Philip and Paul Lorentz, 1957
 V. peony leaf curl *
 Brierley, Philip and Paul Lorentz, 1957
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- S. dichotoma*, Ehrh.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- S. nutans*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- S. pendula*, L.
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
 V. tobacco etch
 Holmes, Francis O., 1946
- S. verecunda*, S. Wats.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- S. vulgaris*, Gärcke
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- SILYBUM* Vaill. ex Adans. 1763 (Compositae)
S. marianum, Gaertn.
 V. red currant ring spot
 Klessner, P.J., 1951
- SINNINGIA* Nees 1825 (Gesneriaceae)
S. speciosa, Benth. & Hook.
 V. tobacco etch
 Holmes, Francis O., 1946
- SISYMBRIUM* ((Tourn.)) L. 1735 (Cruciferae)
S. alliaria, Scop.
 V. cauliflower mosaic
 Caldwell, John and Ian W. Prentice, 1942
- S. altissimum*, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- S. irio*, (L.) Britt.
 V. beet mosaic
 Bennett, C.W., 1949
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- S. officinale*, (L.) Scop.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- SMILACINA* Desf. 1807 (Liliaceae)
S. racemosa, (L.) Desf.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
 V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- S. spp.*
 V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- SMILAX* ((Tourn.)) L. 1735 (Liliaceae)
S. spp.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
 V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- SOLANUM* ((Tourn.)) L. 1735 (Solanaceae)
S. andigenum, Juz. & Buk. *
 V. potato A
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- S. antipoviczii*, Buk.
 V. potato Y
 Easton, G.D., R.H. Larson and R.W. Hougas, 1958
- S. aviculare*, Forst.
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
- V. radish mosaic
 Tompkins, C.M., 1939
- V. turnip mosaic
 Tompkins, C.M., 1938, 1939
- Tompkins, C.M. and H. Rex Thomas, 1938
- S. capsicastrum*, Link
 V. red currant ring spot
 Klessner, P.J., 1951
- S. capsicum*, L. *
 V. red currant ring spot
 Klessner, P.J., 1951
- S. caribaeum*, Dun.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
- V. papaw mosaic
 Adsuar, Jose, 1950
- S. carolinense*, L.
 V. potato A
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- V. potato Y
 Johnson, E.M., 1930
- Koch, K.L., 1933
- V. tobacco coarse etch
 Johnson, E.M., 1930
- V. tobacco ring spot
 Henderson, R.G. and S.A. Wingard, 1931
- Johnson, E.M., 1930
- S. chacoense*, Bitt.
 V. potato A
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- S. commersonii*, Dun.
 V. potato A
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- (*S. demissum*, Lindl. x *S. goniocalyx*, Lanza) x (*S. stoloniferum*, Schlecht. & Bouche)
 V. potato Y
 Easton, G.D., R.H. Larson and R.W. Hougas, 1958
- (*S. demissum* x *S. rybinii*, Juz. & Buk.) x (*S. stoloniferum*, Schlecht. & Bouche)
 V. potato Y
 Easton, G.D., R.H. Larson and R.W. Hougas, 1958
- (*S. demissum* x *S. soukupii*, G. Hawkes) x (*S. stoloniferum*, Schlecht. & Bouche)
 V. potato Y
 Easton, G.D., R.H. Larson and R.W. Hougas, 1958

- Solanum dulcamara*, L.
- V. beet yellows
Roland, G. and J. Tahon, 1961
 - V. cauliflower mosaic
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - V. cucumber mosaic
Govier, D.A., 1957
 - V. henbane mosaic
Hamilton, Marion A., 1932
 - V. potato A
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - V. potato X
Dykstra, T.P., 1933
 - V. potato Y
Dykstra, T.P., 1933
 - V. tobacco etch
Holmes, Francis O., 1946
 - V. tobacco ring spot
Fenne, S.B., 1931
 - Wingard, S.A., 1928
 - V. tomato aspermy
Hollings, M., 1955
 - V. turnip mosaic
Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- S. elaeagnifolium*, Cav.
- V. beet yellows
Roland, G. and J. Tahon, 1961
- S. gilo*, Raddi
- V. dodder latent mosaic
Bennett, C.W., 1944
- S. integrifolium*, Poir.
- V. beet mosaic
Pound, Glenn S., 1947
 - V. cauliflower mosaic
Alvarez-Garcia, L.A., 1951
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - V. dodder latent mosaic
Bennett, C.W., 1944
 - V. potato A
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - V. turnip mosaic
Pound, Glenn S., 1948
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- S. longipedicellatum*, Bitter
- V. potato A
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- S. lycopersicum*, L.
- V. potato spindle tuber
Goss, R.W., 1931
- S. melongena*, L.
- V. bayberry yellows
Raychaudhuri, S.P., 1953
 - V. beet curly top
Costa, A.S., 1952
 - V. beet mosaic
Pound, Glenn S., 1947
 - V. cabbage ring necrosis
Larson, R.H. and J.C. Walker, 1941
 - V. cauliflower mosaic
Alvarez-Garcia, L.A., 1951
 - V. chilli (pepper) mosaic
Dale, W.T., 1954
 - Ferguson, I.A.C., 1951
 - Jha, Ashrafi and S.P. Raychaudhuri, 1956
 - V. cowpea mosaic
Capoor, S.P. and P.M. Varma, 1956
 - Yu, T.F., 1946
 - V. cucumber mosaic
Adsuar, Jose and A. Cruz Miret, 1950
 - Burnett, G., 1934
 - Johnson, J., 1926
 - V. datura distortion mosaic
Capoor, S.P. and P.M. Varma, 1952
 - V. henbane mosaic
Hamilton, Marion A., 1932
 - V. hibiscus yellow vein mosaic
Capoor, S.P. and P.M. Varma, 1950
- S. melongena, L. (cont.)
- V. lucerne mosaic
Zaumeyer, W.J., 1938
 - V. muskmelon mosaic
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 - V. papaw mosaic
Adsuar, Jose, 1950
 - V. pea streak
Zaumeyer, W.J., 1938
 - V. petunia mosaic
Johnson, J., 1926
 - V. potato leaf roll
Webb, R.E., R.H. Larson and J.C. Walker, 1952
 - V. potato paracrinkle
Bagnall, R.H. and R.H. Larson, 1957
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - V. potato Y
Koch, K.L., 1933
 - V. tobacco etch
Bawden, F.C. and B. Kassanis, 1941
 - V. tobacco leaf curl
Bird, Julio, 1957
 - V. tobacco mosaic
Johnson, J., 1926
 - V. tobacco streak
Johnson, J., 1936
 - V. tobacco stunt *
Hidaka, Zyun, Tetsuo Uozumi and Chuji Hiruki, 1956
 - V. tomato twisted leaf
Ferguson, I.A.C., 1951
- S. melongena* var. *esculentum*, Nees
- V. cabbage black ring spot
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - V. celery mosaic
Freitag, Julius H. and Henry H.P. Severin, 1945
 - V. potato X
Smith, J. Henderson, 1928
 - V. tobacco etch
Johnson, E.M., 1930
 - V. tobacco ring spot
Johnson, E.M., 1930
- S. nigrum*, L.
- V. beet curly top
Bennett, C.W. and A.S. Costa, 1949
 - Carsner, E., 1919
 - Costa, A.S., 1952
 - V. beet mosaic
Severin, Henry H.P. and Roger M. Drake, 1947
 - V. beet yellows
Roland, G. and J. Tahon, 1961
 - V. cabbage ring necrosis
Larson, R.H. and J.C. Walker, 1941
 - V. cauliflower mosaic
Alvarez-Garcia, L.A., 1951
 - V. cowpea mosaic
Capoor, S.P. and P.M. Varma, 1956
 - V. cucumber green mottle mosaic
Ainsworth, G.C., 1935
 - V. datura distortion mosaic
Capoor, S.P. and P.M. Varma, 1952
 - V. hibiscus yellow vein mosaic
Capoor, S.P. and P.M. Varma, 1950
 - V. pea mosaic
Murphy, D.M. and W.H. Pierce, 1937
 - V. pea mottle
Johnson, Folke, 1942
 - V. pea wilt
Johnson, Folke, 1942
 - V. pokeweed mosaic *
Allard, H.A., 1918
 - V. potato A
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Vasudeva, R. Sahai and C.S. Ramamoorthy, 1946
 - V. potato Y
Easton, G.D., R.H. Larson and R.W. Hougas, 1958
 - V. stone fruit *
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954

- Solanum nigrum*, L. (cont.)
 V. tobacco ring spot
 Henderson, R. G. and S. A. Wingard, 1931
 Smith, Kenneth M., 1929
 V. tomato aspermy
 Blencowe, J. W. and John Waldwell, 1949
- S. nodiflorum*, Jacq.
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S. P. Raychaudhuri, 1956
 V. datura distortion mosaic
 Capoor, S. P. and P. M. Varma, 1952
 V. henbane mosaic
 Hamilton, Marion A., 1932
 V. potato A
 Vasudeva, R. Sahai and C. S. Ramamoorthy, 1946
 V. potato Y
 Roque, Arturo and Jose Adsuar, 1941
 Smith, Kenneth M. and R. W. G. Dennis, 1940
 V. tobacco etch
 Bawden, F. C. and B. Kassanis, 1941
 V. tomato aspermy
 Blencowe, J. W. and John Caldwell, 1949
- S. polyadenium*, Greenm.
 V. potato A
 MacLachlan, D. S., R. H. Larson and J. C. Walker, 1953
- S. pseudocapsicum*, L.
 V. cauliflower mosaic
 Walker, J. C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. cucumber mosaic
 Burnett, G., 1934
 Wellman, F. L., 1935
 V. potato A
 MacLachlan, D. S., R. H. Larson and J. C. Walker, 1953
 V. turnip mosaic
 Walker, J. C., Francis J. LeBeau and Glenn S. Pound, 1945
- S. rostratum*, Dun.
 V. cauliflower mosaic
 Walker, J. C., Francis J. LeBeau and Glenn S. Pound, 1945
- S. saltense*, Hawkes
 V. potato A
 MacLachlan, D. S., R. H. Larson and J. C. Walker, 1953
- S. sanitwongsei*, Craib
 V. tobacco etch
 Holmes, Francis O., 1946
- S. schickii*, Juz. & Buk.
 V. potato A
 MacLachlan, D. S., R. H. Larson and J. C. Walker, 1953
- S. torvum*, Sw.
 V. papaw mosaic
 Adsuar, Jose, 1950
- S. tuberosum*, L.
 V. anemone mosaic *
 Hollings, M., 1957
 V. bayberry yellows
 Raychaudhuri, S. P., 1953
 V. beet curly top
 Bennett, C. W. and A. S. Costa, 1949
 V. beet mosaic
 Pound, Glenn S., 1947
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cabbage black ring spot
 Tompkins, C. M., M. W. Gardner and H. Rex Thomas, 1938
 V. cabbage ring necrosis
 Larson, R. H. and J. C. Walker, 1941
 V. celery mosaic
 Freitag, Julius H. and Henry H. P. Severin, 1945
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S. P. Raychaudhuri, 1956
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. citrus tristeza
 Bennett, C. W. and A. S. Costa, 1949
 V. cucumber mosaic
 Bhargava, K. S., 1951
 Burnett, G., 1934
- S. tuberosum, L. (cont.)
 V. cucumber mosaic
 Dykstra, T. P., 1939
 Nariani, T. K. and Nirmaljit Singh, 1952
 Wellman, F. L., 1935
 V. cowpea mosaic
 McLean, D. M., 1941
 Yu, T. F., 1946
 V. euphorbia mosaic
 Costa, A. S. and C. W. Bennett, 1950
 V. henbane mosaic
 Hamilton, Marion A., 1932
 V. lovage mosaic
 Smith, Kenneth M. and Roy Markham, 1944
 V. lucerne mosaic
 Thomas, H. Rex, 1951
 V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E. M. Hildebrand, 1947
 V. nicotiana glutinosa mosaic *
 Allard, H. A., 1916
 V. nicotiana glutinosa root necrosis *
 Cetas, Robert C. and A. Frank Ross, 1952
 V. papaw ring spot
 Jensen, D. D., 1949
 V. pea enation mosaic
 Osborn, H. T., 1938
 V. pea streak
 Zaumeyer, W. J., 1938
 V. physalis floridana yellow net
 Webb, R. E., 1955
 V. potato X
 Hamilton, Marion A., 1932
 Johnson, James, 1927
 V. potato Y
 Hamilton, Marion A., 1932
 Roque, Arturo and Jose Adsuar, 1941
 V. primula mosaic
 Tompkins, C. M. and John T. Middleton, 1941
 V. radish mosaic
 Tompkins, C. M., 1939
 V. red clover vein mosaic
 Hagedorn, D. J. and J. C. Walker, 1949
 Osborn, H. T., 1937
 V. spinach yellow dwarf
 Severin, Henry H. P. and Donald H. Little, 1947
 V. squash mosaic
 Freitag, J. H., 1956
 V. tobacco mosaic
 Allard, H. A., 1916
 Quanjer, H. M., 1920
 Schultz, E. S. and Donald Folsom, 1923
 V. tobacco ring spot
 Cheo, Pen Ching and W. J. Zaumeyer, 1952
 Grogan, R. G. and W. C. Schnathorst, 1955
 Wingard, S. A., 1928
 V. tobacco streak
 Johnson, J., 1936
 V. tobacco yellow dwarf
 Hill, A. V. and M. Mandryk, 1954
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S. P. Doolittle, 1955
 Hollings, M., 1955
 V. tomato yellow net
 Sylvester, Edward S., 1954
 V. turnip mosaic
 Schultz, E. S., 1921
 Tompkins, C. M., 1938, 1939
 Tompkins, C. M. and H. Rex Thomas, 1938
- S. verrucosum*, Schlecht.
 V. potato A
 MacLachlan, D. S., R. H. Larson and J. C. Walker, 1953
- SOLIDAGO ((Vaill.)) L. 1735 (Compositae)
S. graminifolia, L.
 V. tobacco mosaic
 Holmes, Francis O., 1938
- S. rugosa*, Mill.
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1938, 1946

- Solidago* spp.
- V. *prunus* A *
 - Fulton, Robert W., 1957
 - V. *prunus* E *
 - Fulton, Robert W., 1957
 - V. *prunus* G *
 - Fulton, Robert W., 1957
- S. virgaurea*, L.
- V. beet yellows
 - Roland, G. and J. Tahon, 1961
- SONCHUS* ((Tourn.)) L. 1735 (Compositae)
- S. arvensis*, L.
- V. beet yellow net
 - Sylvester, Edward S., 1948
 - V. beet yellows
 - Roland, G. and J. Tahon, 1961
 - V. lettuce mosaic
 - Ainsworth, G.C. and L. Ogilvie, 1939
- S. asper*, (L.) Hill
- V. beet mosaic
 - Bennett, C.W., 1949
 - Severin, Henry H.P. and Roger M. Drake, 1947
 - V. beet yellows
 - Roland, G. and J. Tahon, 1961
- S. oleraceus*, L.
- V. beet mosaic
 - Severin, Henry H.P. and Roger M. Drake, 1947
 - V. beet yellows
 - Roland, G. and J. Tahon, 1961
 - V. cucumber mosaic
 - Wellman, F.L., 1935
 - V. dandelion yellow mosaic
 - Kassanis, B., 1947
 - V. lettuce mosaic
 - Ainsworth, G.C. and L. Ogilvie, 1939
 - V. stone fruit *
 - Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- S. spp.*
- V. hibiscus yellow vein mosaic
 - Capoor, S.P. and P.M. Varma, 1950
- SORGHASTRUM* Nash 1901 (Gramineae)
- S. nutans*, (L.) Nash
- V. sugarcane mosaic
 - Brandes, E.W. and Peter J. Klaphaak, 1923
 - V. wheat streak mosaic
 - Will, W.H., Jr. and Patrick C. Agusiobo, 1955
- SORGHUM* L. 1735 (Gramineae)
- S. alnum*, L. Parodi
- V. wheat streak mosaic
 - Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- S. halepense*, (L.) Pers.
- V. beet yellows
 - Roland, G. and J. Tahon, 1961
 - V. wheat streak mosaic
 - Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- S. versicolor*, Anderss.
- V. wheat streak mosaic
 - Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- S. vulgare*, Pers.
- V. *agropyron* mosaic
 - Slykhuis, J.T., 1952
 - V. barley stripe mosaic
 - Sill, W.H., Jr. and E.D. Hansing, 1955
 - Slykhuis, J.T., 1952
 - V. barley yellow dwarf
 - Oswald, John W. and Byron R. Houston, 1953
 - V. beet yellows
 - Roland, G. and J. Tahon, 1961
 - V. cucumber mosaic
 - McWhorter, F.P. and H.H. Millsap, 1954
 - V. maize leaf fleck
 - Stoner, Warren N., 1952
 - V. panicum mosaic *
 - Sill, W.H., Jr. and R.C. Pickett, 1957
 - V. wheat streak mosaic
 - Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
 - Slykhuis, J.T., 1952
- S. vulgare* var. *saccharatum*, (L.) Boerl.
- V. wheat streak mosaic
 - Finley, A.M., 1957
- S. *vulgare* var. *sudanense*, (Piper) Hitchc.
- V. maize leaf fleck
 - Stoner, Warren N., 1952
 - V. wheat streak mosaic
 - Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- SPARAXIS* Ker-Gawl. 1804 (Iridaceae)
- S. tricolor*, Ker-Gawl.
- V. *nothoscordum* mosaic
 - McKinney, H.H., 1950
 - V. tomato aspermy
 - Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- SPINACIA* ((Tourn.)) L. 1735 (Chenopodiaceae)
- S. oleracea*, L.
- V. anemone brown ring *
 - Hollings, M., 1958
 - V. anemone mosaic *
 - Hollings, M., 1957
 - V. aster yellows
 - Severin, H.H.P., 1928
 - V. bean yellow mosaic
 - Thomas, H. Rex and W.J. Zaumeyer, 1953
 - V. beet curly top
 - Costa, A.S., 1952
 - V. beet rosette *
 - Bennett, C.W. and James E. Duffus, 1957
 - V. beet yellow net
 - McLean, D.M., 1952
 - Sylvester, Edward S., 1948
 - V. cauliflower mosaic
 - Alvarez-Garcia, L.A., 1951
 - Berkeley, G.H. and J.H. Tremaine, 1954
 - Tompkins, C.M., 1937
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - V. chrysanthemum B (mild mosaic) *
 - Hollings, M., 1957
 - V. chrysanthemum latent *
 - Hollings, M., 1957
 - V. citrus tristeza
 - Bennett, C.W. and A.S. Costa, 1949
 - V. cowpea mosaic
 - Capoor, S.P. and P.M. Varma, 1956
 - V. cucumber mosaic
 - Burnett, G., 1934
 - V. datura distortion mosaic
 - Capoor, S.P. and P.M. Varma, 1952
 - V. filaree red leaf
 - Frazier, Norman W., 1951
 - V. lucerne mosaic
 - Kreitlow, K.W. and W.C. Price, 1949
 - Thomas, H.R., 1953
 - V. malva yellow vein mosaic *
 - Costa, A.S. and James E. Duffus, 1957
 - V. muskmelon mosaic
 - Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 - V. pea wilt
 - Johnson, Folke, 1942
 - V. primula mosaic
 - Tompkins, C.M. and John T. Middleton, 1941
 - V. squash mosaic
 - Freitag, J.H., 1956
 - V. stone fruit *
 - Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 - V. tobacco etch
 - Holmes, Francis O., 1946
 - V. tobacco ring spot
 - Smith, Kenneth M., 1929
 - Wingard, S.A., 1928
 - V. tobacco streak
 - Thomas, H. Rex and W.J. Zaumeyer, 1950
 - V. tomato spotted wilt
 - Smith, Kenneth M., 1931
 - V. turnip mosaic
 - LeBeau, Francis J. and J.C. Walker, 1945
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
 - V. celery mosaic
 - Freitag, Julius H. and Henry H.P. Severin, 1945

- SPREKELIA** Heist. 1748 (Amaryllidaceae)
S. formosissima, Herb.
 V. *narcissus* mosaic
 Haasis, Frank A., 1939
- STACHYS** ((Tourn.)) L. 1735 (Labiatae)
S. arvensis, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- STANLEYA** Nutt. 1818 (Cruciferae)
S. pinnata, (Pursh) Britt.
 V. cauliflower mosaic
 Tompkins, C.M., 1937
- STELLARIA** L. 1753 (Caryophyllaceae)
S. media, (L.) Cyr.
 V. anemone brown ring *
 Hollings, M., 1958
- V. beet curly top
 Costa, A.S., 1952
- V. beet yellow net
 McLean, D.M., 1952
- V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
- V. chrysanthemum latent *
 Hollings, M., 1957
- V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
- V. dodder latent mosaic
 Bennett, C.W., 1944
- V. pea wilt
 Johnson, Folke, 1942
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1938
- V. tobacco ring spot
 Wingard, S.A., 1928
- STENOTAPHRUM** Trin. 1820 (Gramineae)
S. secundatum, (Walt.) Kuntze
 V. cucumber mosaic
 Wellman, F.L., 1935
- STERCULIA** L. 1747 (Sterculiaceae)
S. foetida, L.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- S. oblonga*, Mast.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- S. rhinopetalia*, K. Schum.
 V. cacao swollen shoot
 Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
- Tinsley, T.W. and A.L. Wharton, 1958
- S. tragacantha*, Lindl.
 V. cacao swollen shoot
 Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
- Tinsley, T.W. and A.L. Wharton, 1958
- STIPA** L. 1753 (Gramineae)
S. cernua, Stebbins & Love
 V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
- STOKESIA** L' Herit. 1788 (Compositae)
S. laevis, (Hill) Greene
 V. chrysanthemum stunt
 Brierley, Philip, 1953
- SWAINSONA** Salisb. 1805 (Leguminosae)
S. salsula, Taub.
 V. lucerne witches' broom
 Klostermeyer, E.C. and J.D. Menzies, 1951
- SWINGLEA** Merrill 1927 (Rutaceae)
S. glutinosa, Merrill
 V. citrus tristeza
 Knorr, L.C., 1956
- SYMPLOCARPUS** Salisb. ex Nutt. 1818 (Araceae)
S. foetidus, (L.) Nutt.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tobacco mosaic
 Holmes, Francis O., 1946
- TAGETES** L. 1737 (Compositae)
T. signata, Bartl.
 V. tobacco etch
 Holmes, Francis O., 1946
- V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- T. spp.*
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
- T. erecta*, L.
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
- V. chrysanthemum stunt
 Brierley, Philip, 1953
- V. datura distortion mosaic
 Kapoor, S.P. and P.M. Varma, 1952
- V. radish mosaic
 Tompkins, C.M., 1939
- V. squash mosaic
 Freitag, J.H., 1956
- V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
- V. tobacco etch
 Holmes, Francis O., 1946
- V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- V. turnip mosaic
 Tompkins, C.M., 1938, 1939
- Tompkins, C.M. and H. Rex Thomas, 1938
- T. patula*, L.
 V. beet mosaic
 Pound, Glenn S., 1947
- V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
- V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
- V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
- V. radish mosaic
 Tompkins, C.M., 1939
- V. squash mosaic
 Freitag, J.H., 1956
- V. tobacco etch
 Holmes, Francis O., 1946
- V. turnip mosaic
 Tompkins, C.M., 1938, 1939
- Tompkins, C.M. and H. Rex Thomas, 1938
- Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- TANACETUM** Tourn. ex L. 1735 (Compositae)
T. vulgare, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- TARAXACUM** L. 1735 (Compositae)
T. megalorrhizon, Hand.-Mazz.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- T. officinale*, Weber
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
- V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
- V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
- V. lettuce mosaic
 Ainsworth, G.C. and L. Ogilvie, 1939

- TARAXACUM officinale**, Weber
 V. pea mottle
 Johnson, Folke, 1942
 V. pea wilt
 Johnson, Folke, 1942
 V. radish mosaic
 Tompkins, C.M., 1939
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1938, 1946
 V. turnip mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
- TARRIETIA** Blume 1825 (Stereuliaceae)
T. utilis, (Sprague) Sprague *
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- TETRAGONIA** L. 1735 (Aizoaceae)
T. expansa, Thunb.
 V. lucerne dwarf
 Freitag, J.H., 1951
 V. pelargonium ring spot *
 Hollings, M., 1957
 V. spinach yellow dwarf
 Severin, Henry H.P. and Donald H. Little, 1947
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
 V. tomato spotted wilt
 Sakimura, K., 1940
 Smith, Kenneth M., 1931
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
- THELESPERMA** Less. 1831 (Compositae)
T. hybridum, Voss
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- THEOBROMA** L. 1737 (Sterculiaceae)
T. angustifolia, ((Moc. & Sesse)) ex DC.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
T. balaense *
 V. cacao swollen shoot
 Posnette, A.F. and J. McA. Todd, 1951
T. bicolor, Humb. & Bonpl.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
T. grandiflorum, K. Schum.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
T. (Herrania) mariae, K. Schum.
 V. cacao swollen shoot
 Posnette, A.F. and J. McA. Todd, 1951
T. obovata, Klotzsch, ex Bern.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
T. speciosa, Willd. ex Spreng.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- THESPESIA** Soland. ex Correa 1807 (Malvaceae)
T. lampas *
 V. cacao swollen shoot
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
T. populnea *
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
 V. hibiscus yellows *
 Hendrix, J. Walter, 1950
- THLASPI** ((Tourn.)) L. 1737 (Cruciferae)
T. arvense, L.
 V. beet mosaic
 Pound, Glenn S., 1947
- V. arvense, L. (cont.)
 V. cauliflower mosaic
 Caldwell, John and Ian W. Prentice, 1942
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- THUNBERGIA** Retz. 1776 (Acanthaceae)
T. alata, Bojer
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- THYSANOCARPUS** Hook 1829 (Cruciferae)
T. radians, Benth.
 V. cauliflower mosaic
 Tompkins, C.M., 1937
- TIGRIDIA** Juss. 1789 (Iridaceae)
T. pavonia, Ker-Gawl.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
 V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- T. spp.**
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- TILIA** ((Tourn.)) L. 1735 (Tiliaceae)
T. platyphyllos, Scop.
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- TILLANDSIA** L. 1735 (Bromeliaceae)
T. fasciculata, Swartz
 V. cucumber mosaic
 Wellman, F.L., 1935
- TITHONIA** Desf. ex Juss. 1789 (Compositae)
T. rotundifolia, (Mill.) Blake
 V. dahlia mosaic
 Brierley, Philip and Floyd F. Smith, 1950
 V. tobacco mosaic
 Cook, M.T., 1936
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P.
 Doolittle, 1955
- T. speciosa**, Hook.
 V. prunus A *
 Fulton, Robert W., 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. prunus G *
 Fulton, Robert W., 1957
- TRACHYMENE** Rudge 1811 (Umbelliferae)
T. caerulea, R. Graham
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. squash mosaic
 Freitag, J.H., 1956
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- TRADESCANTIA** Rupp. ex L. 1735 (Commelinaceae)
T. fluminensis, Vell.
 V. tobacco ring spot
 Wingard, S.A., 1928
- TRAGOPOGON** ((Tourn.)) L. 1735 (Compositae)
T. porrifolius, L.
 V. chrysanthemum stunt
 Brierley, Philip, 1953

- Tragopogon porrifolius*, L. (cont.)
 V. cucumber mosaic
 Wellman, F.L., 1935
 V. tobacco ring spot
 Wingard, S.A., 1928
- TREMA* Lour. 1790 (Ulmaceae)
T. guineensis, Priemer
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- TRIBULUS* Tourn. ex L. 1735 (Zygophyllaceae)
T. terrestris, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
- TRICHLAENA* Schrad. 1824 (Gramineae)
T. repens, (Willd.) Hitchc. (*T. rosea*, Nees)
 V. cucumber mosaic
 Wellman, F.L., 1935
- TRICYRTIS* Wall. 1826 (Liliaceae)
T. hirta, Hook.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
 V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- TRIFOLIUM* ((Tourn.)) L. 1735 (Leguminosae)
T. alexandrinum, L.
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. tobacco mosaic
 Das, C.R. and S.P. Raychaudhuri, 1953
- T. fragiferum*, L.
 V. lucerne witches' broom
 Menzies, J.D., 1946
- T. hybridum*, L.
 V. bean Montana *
 Afanasiev, M.M. and H.E. Morris, 1946
 V. bean yellow mosaic
 Afanasiev, M.M. and H.E. Morris, 1952
- V. cucumber mosaic*
 Harter, L.L., 1938
- V. lucerne witches' broom*
 Menzies, J.D., 1946
- V. pea enation mosaic*
 Hagedorn, D.J. and J.C. Walker, 1954
 McEwen, F.L. and W.T. Schroeder, 1956
 Osborn, H.T., 1938
 Simons, John N., 1954
 Stubbs, M.W., 1937
- V. pea mosaic*
 Hagedorn, D.J. and J.C. Walker, 1954
 Stubbs, M.W., 1937
- V. potato A*
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- V. tobacco ring spot*
 Fenne, S.B., 1931
 Stubbs, M.W., 1937
- T. incarnatum*, L.
 V. bayberry yellows
 Raychaudhuri, S.P., 1953
- V. bean pod mottle*
 Zaumeyer, W.J. and H. Rex Thomas, 1948
- V. bean southern mosaic*
 Zaumeyer, W.J. and L.L. Harter, 1943
- V. bean yellow mosaic*
 Zaumeyer, W.J., 1952
 Zaumeyer, W.J. and H.H. Fisher, 1953
- V. bean yellow stipple*
 Zaumeyer, W.J. and H. Rex Thomas, 1950
- V. beet yellows*
 Roland, G. and J. Tahon, 1961
- V. cucumber mosaic*
 Bridgmon, G.H. and J.C. Walker, 1952
- V. lucerne witches' broom*
 Menzies, J.D., 1946
- V. orchid (cymbidium) mosaic*
 Jensen, D.D., 1951
- T. incarnatum*, L. (cont.)
 V. orchid (odontoglossum) ring spot
 Jensen, D.D. and A. Herbert Gold, 1951
- V. potato A*
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- V. soybean mosaic*
 Conover, Robert A., 1948
- V. squash mosaic*
 Freitag, J.H., 1956
- V. stone fruit **
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- V. tobacco etch*
 Holmes, Francis O., 1946
- V. tobacco mosaic*
 Costa, A.S., 1944
 Holmes, Francis O., 1946
- V. tobacco ring spot*
 Bridgmon, G.H. and J.C. Walker, 1952
- T. medium*, L.
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- V. tobacco ring spot*
 Fenne, S.B., 1931
- T. pratense*, L.
 V. alsike clover mosaic
 Zaumeyer, W.J., 1940
- V. bean common mosaic*
 Ainsworth, G.C., 1940
 Snyder, W.C., 1942
- V. bean Montana* *
 Afanasiev, M.M. and H.E. Morris, 1946
- V. bean southern mosaic*
 Zaumeyer, W.J. and L.L. Harter, 1943
- V. bean yellow mosaic*
 Afanasiev, M.M. and H.E. Morris, 1952
 Ainsworth, G.C., 1940
 Baggett, James R., 1957
- V. bean yellow stipple*
 Zaumeyer, W.J. and H. Rex Thomas, 1950
- V. beet curly top*
 Giddings, N.J., 1944
- V. beet mosaic*
 Bennett, C.W., 1949
- V. beet yellows*
 Roland, G. and J. Tahon, 1961
- V. cowpea mosaic*
 Yu, T.F., 1946
- V. cucumber mosaic*
 Bridgmon, G.H. and J.C. Walker, 1952
 Costa, A.S., 1944
- V. filaree red leaf*
 Frazier, Norman W., 1951
- V. gladiolus* *
 Snow, Gordon F., 1955
- V. hibiscus yellow vein mosaic*
 Capoor, S.P. and P.M. Varma, 1950
- V. kaimi clover disease* *
 Murakishi, Harry H., 1952
- V. lettuce mosaic*
 Ainsworth, G.C., 1940
- V. lucerne mosaic*
 Zaumeyer, W.J., 1953
- V. muskmelon mosaic*
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
- V. onion yellow dwarf*
 Henderson, W.J., 1935
- V. pea enation mosaic*
 Ainsworth, G.C., 1940
- V. tobacco etch*
 Hagedorn, D.J. and J.C. Walker, 1954
- V. tobacco ring spot*
 Johnson, Folke and Leon K. Jones, 1937
- V. tobacco mosaic*
 McEwen, F.L. and W.T. Schroeder, 1956
- V. tobacco ring spot*
 Osborn, H.T., 1938
- V. tobacco ring spot*
 Pierce, W.H., 1935
- V. tobacco ring spot*
 Simons, John N., 1954
- V. tobacco ring spot*
 Stubbs, M.W., 1936, 1937

- Trifolium pratense*, L. (cont.)
- V. pea mosaic
 - Ainsworth, G.C., 1940
 - Chaudhuri, R.P., 1950
 - Hagedorn, D.J. and J.C. Walker, 1954
 - Stubbs, M.W., 1936, 1937
 - Zaumeyer, W.J. and B.L. Wade, 1935
 - V. potato A
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - V. soybean mosaic
 - Kendrick, James B. and Max W. Gardner, 1924
 - Pierce, W.H., 1935
 - V. squash mosaic
 - Freitag, J.H., 1956
 - V. tobacco etch
 - Holmes, Francis O., 1946
 - V. tobacco mosaic
 - Holmes, Francis O., 1946
 - V. tobacco ring spot
 - Bridgmon, G.H. and J.C. Walker, 1952
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - Fenne, S.B., 1931
 - Stubbs, M.W., 1937
 - T. procumbens, L.
 - V. lucerne mosaic
 - Kreitlow, K.W. and W.C. Price, 1949
 - V. orchid (cymbidium) mosaic
 - Jensen, D.D., 1951
 - T. repens, L.
 - V. alsike clover mosaic
 - Zaumeyer, W.J., 1940
 - V. anemone brown ring *
 - Hollings, M., 1958
 - V. anemone mosaic *
 - Hollings, M., 1957
 - V. bean common mosaic
 - Ainsworth, G.C., 1940
 - Snow, Gordon F., 1955
 - Snyder, W.C., 1942
 - Zaumeyer, W.J. and B.L. Wade, 1935
 - V. bean Montana *
 - Afanasiev, M.M. and H.E. Morris, 1946
 - V. bean southern mosaic
 - Zaumeyer, W.J. and L.L. Harter, 1943
 - V. bean yellow mosaic
 - Afanasiev, M.M. and H.E. Morris, 1952
 - Baggett, James R., 1957
 - Elliott, J.A., 1921
 - Grogan, Raymond G. and J.C. Walker, 1948
 - Hagedorn, D.J. and J.C. Walker, 1950, 1954
 - Pierce, W.H., 1935
 - Zaumeyer, W.J., 1940, 1952
 - Zaumeyer, W.J. and H.H. Fisher, 1953
 - Zaumeyer, W.J. and B.L. Wade, 1935
 - V. bean yellow stipple
 - Zaumeyer, W.J. and H. Rex Thomas, 1950
 - V. beet curly top
 - Giddings, N.J., 1944
 - V. beet mosaic
 - Bennett, C.W., 1949
 - V. chrysanthemum B (mild mosaic) *
 - Hollings, M., 1957
 - V. cowpea mosaic
 - Yu, T.F., 1946
 - V. cucumber mosaic
 - Doolittle, S.P. and W.J. Zaumeyer, 1953
 - Wellman, F.L., 1935
 - Whipple, O.C. and J.C. Walker, 1941
 - V. filaree red leaf
 - Frazier, Norman W., 1951
 - V. kaimi clover disease *
 - Murakishi, Harry H., 1952
 - V. lettuce mosaic
 - Ainsworth, G.C., 1940
 - V. lucerne mosaic
 - Zaumeyer, W.J. and B.L. Wade, 1935
 - V. pea enation mosaic
 - Ainsworth, G.C., 1940
 - Chaudhuri, R.P., 1950
 - Hagedorn, D.J. and J.C. Walker, 1954
 - Johnson, Folke and Leon K. Jones, 1937
 - Osborn, H.T., 1938
 - Pierce, W.H., 1935
 - T. repens, L. (cont.)
 - V. pea enation mosaic
 - Simons, John N., 1954
 - Stubbs, M.W., 1937
 - V. pea mosaic
 - Ainsworth, G.C., 1940
 - Chaudhuri, R.P., 1950
 - Hagedorn, D.J. and J.C. Walker, 1954
 - Murphy, D.M. and W.H. Pierce, 1937
 - Osborn, H.T., 1937
 - Pierce, W.H., 1935
 - Stubbs, M.W., 1937
 - V. pea yellow mosaic *
 - Ainsworth, G.C., 1940
 - V. potato A
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - V. prunus E *
 - Fulton, Robert W., 1957
 - V. prunus G *
 - Fulton, Robert W., 1957
 - V. red clover mosaic *
 - Elliott, J.A., 1921
 - V. red clover vein mosaic
 - Zaumeyer, W.J. and B.L. Wade, 1935
 - V. soybean mosaic
 - Graves, Clinton H., Jr. and D.J. Hagedorn, 1956
 - Hagedorn, D.J. and J.C. Walker, 1949
 - V. squash mosaic
 - Freitag, J.H., 1956
 - V. tobacco etch
 - Holmes, Francis O., 1946
 - V. tobacco mosaic
 - Holmes, Francis O., 1938, 1946
 - V. tobacco ring spot
 - Fenne, S.B., 1931
 - Grogan, R.G. and W.C. Schnathorst, 1955
 - Stubbs, M.W., 1937
 - V. tobacco streak
 - Thomas, H. Rex and W.J. Zaumeyer, 1950
 - V. Wisconsin pea streak
 - Hagedorn, D.J. and J.C. Walker, 1949, 1954
 - T. repens var. latum, McCarthy *
 - V. squash mosaic
 - Freitag, J.H., 1956
 - T. spp.
 - V. lucerne witches' broom
 - Menzies, J.D., 1944
 - T. subterraneum, L.
 - V. bean yellow mosaic
 - Baggett, James R., 1957
 - V. (cucumber) O.S.C. isolate 606 *
 - Porter, Clark A. and Frank P. McWhorter, 1951
 - V. pea enation mosaic
 - Chaudhuri, R.P., 1950
- TRILLIUM L. 1753 (Liliaceae)
- T. spp.
 - V. cucumber mosaic
 - Brierley, Philip and Floyd F. Smith, 1944
 - V. lily symptomless
 - Brierley, Philip and Floyd F. Smith, 1944
 - V. tulip breaking
 - Brierley, Philip and Floyd F. Smith, 1944
- TRIPHASICIA Lour. 1790 (Rutaceae)
- T. trifolia, P. Wilson
 - V. citrus tristeza
 - Knorr, L.C., 1956
- TRIPLOCHITON K. Schum. * (Sterculiaceae)
- T. scleroxylon, K. Schum. *
 - V. cacao swollen shoot
 - Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
 - Tinsley, T.W. and A.L. Wharton, 1958
- TRIPSACUM L. 1759 (Gramineae)
- T. dactyloides, L.
 - V. sugarcane mosaic
 - Brandes, E.W. and Peter J. Klaphaak, 1923

- TRITICUM** L. 1735 (Gramineae)
- T. aestivum*, L.
- V. cucumber mosaic
McWhorter, F.P. and H.H. Millsap, 1954
 - V. muskmelon mosaic
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 - V. nothoscordum mosaic
McKinney, H.H., 1950
 - V. panicum mosaic *
Sill, W.H., Jr. and R.C. Pickett, 1957
 - V. sugarcane mosaic
Brandes, E.W. and Peter J. Klaphaak, 1923
 - V. tobacco etch
Holmes, Francis O., 1946
 - V. tobacco mosaic
Holmes, Francis O., 1946
- T. vulgare*, Vill.
- V. maize leaf fleck
Stoner, Warren N., 1952
 - V. rice and corn leaf-gall *
Agati, Julian A. and Carlos A. Calica, 1950
 - V. tobacco ring spot
Wingard, S.A., 1928
- TRITONIA** Ker-Gawl. 1802 (Iridaceae)
- T. crocata*, Ker-Gawl.
- V. cucumber mosaic
Brierley, Philip and Floyd F. Smith, 1944
 - V. lily symptomless
Brierley, Philip and Floyd F. Smith, 1944
 - V. ornithogalum mosaic
Smith, Floyd F. and Philip Brierley, 1944
 - V. tulip breaking
Brierley, Philip and Floyd F. Smith, 1944
- TRIUMFETTA** Plum. ex L. 1737 (Tiliaceae)
- T. lappula*, L.
- V. abutilon infectious variegation
Bird, Julio, 1958
- T. semitriloba*, Jacq.
- V. abutilon infectious variegation
Bird, Julio, 1958
- TROPAEOLUM** L. 1737 (Tropaeolaceae)
- T. majus*, L.
- V. anemone brown ring *
Hollings, M., 1958
 - V. anemone mosaic *
Hollings, M., 1957
 - V. bean yellow stipple
Zaumeyer, W.J. and H. Rex Thomas, 1950
 - V. beet curly top
Carsner, E., 1919
 - V. cabbage black ring spot
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - V. cabbage ring necrosis
Larson, R.H. and J.C. Walker, 1941
 - V. (cattleya) mosaic
Jensen, D.D., 1949
 - V. cauliflower mosaic
Tompkins, C.M., 1937
 - V. chrysanthemum B (mild mosaic) *
Hollings, M., 1957
 - V. cowpea mosaic
Capoor, S.P. and P.M. Varma, 1956
 - V. euphorbia mosaic
Costa, A.S. and C.W. Bennett, 1950
 - V. muskmelon mosaic
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 - V. orchid (*cymbidium*) mosaic
Jensen, D.D., 1951
 - V. orchid (*odontoglossum*) ring spot
Jensen, D.D. and A. Herbert Gold, 1951
 - V. orchid (*vanda*) mosaic
Murakishi, Harry H., 1952
 - V. panax ring spot
Aragaki, M., H. Murakishi and J.W. Hendrix, 1953
 - V. pea mosaic
Murphy, D.M. and W.H. Pierce, 1937
 - V. primula mosaic
Tompkins, C.M. and John T. Middleton, 1941
- T. majus*, L. (cont.)
- V. radish mosaic
Tompkins, C.M., 1939
 - V. red currant ring spot
Klesser, P.J., 1951
 - V. squash mosaic
Freitag, J.H., 1956
 - V. tobacco etch
Holmes, Francis O., 1946
 - V. tobacco necrosis
Fulton, Robert W., 1950
 - V. tobacco ring spot
Wingard, S.A., 1928
 - V. tobacco streak
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - V. tomato aspermy
Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 - V. Hollings, M., 1955
 - V. tomato ring spot
Samson, R.W. and E.P. Imle, 1942
 - V. tulip breaking
McWhorter, F.P., 1935
 - V. turnip mosaic
Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- T. majus* var. *nanum*, Hort.
- V. chrysanthemum stunt
Keller, John R., 1953
- T. peregrinum*, L.
- V. beet yellows
Roland, G. and J. Tahon, 1961
- TULIPA** L. 1735 (Liliaceae)
- T. gesneriana*, L.
- V. cucumber mosaic
Wellman, F.L., 1935
 - V. iris mosaic
Brierley, Philip and Frank P. McWhorter, 1936
 - V. narcissus mosaic
Haasis, Frank A., 1939
 - V. onion yellow dwarf
Henderson, W.J., 1935
 - V. ornithogalum mosaic
Smith, Floyd F. and Philip Brierley, 1944
- T. silvestris*, L.
- V. beet yellows
Roland, G. and J. Tahon, 1961
- T. spp.*
- V. wheat streak mosaic
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- TUSSILAGO** ((Tourn.)) L. 1735 (Compositae)
- T. farfara*, L.
- V. beet yellows
Roland, G. and J. Tahon, 1961
- TYPHA** L. 1735 (Typhaceae)
- T. angustifolia*, L.
- V. cucumber mosaic
Wellman, F.L., 1935
- T. latifolia*, L.
- V. wheat streak mosaic
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- URENA** Dill. ex L. 1935 (Malvaceae)
- U. lobata*, L.
- V. cacao swollen shoot
Tinsley, T.W. and A.L. Wharton, 1958
- URTICA** ((Tourn.)) L. 1735 (Urticaceae)
- U. californica*, Greene
- V. beet yellows
Roland, G. and J. Tahon, 1961
- U. dioica*, L.
- V. beet yellows
Roland, G. and J. Tahon, 1961
- U. urens*, L.
- V. beet yellows
Roland, G. and J. Tahon, 1961

- UVULARIA** L. 1737 (Liliaceae)
U. sessilifolia, L.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
 V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- VACCINIUM** L. 1735 (Ericaceae)
V. corymbosum, L.
 V. bayberry yellows
 Raychaudhuri, S.P., 1953
V. macrocarpon, Ait. (*Oxycoccus macrocarpon*, (Ait.) Pers.)
 V. bayberry yellows
 Raychaudhuri, S.P., 1953
- VALERIANA** Tourn. ex L. 1735 (Valerianaceae)
V. officinalis, L.
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
- VALERIANELLA** Tourn. ex Hall. 1742 (Valerianaceae)
V. olitoria, (L.) Poll.
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
- VALERIANOIDES** Medic. 1789 (Verbenaceae)
V. jamaicensis, Medic.
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 V. papaw mosaic
 Adsuar, Jose, 1950
- VALLOTA** Herb. 1821 (Amaryllidaceae)
V. purpurea, Herb.
 V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
 V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
 V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- VERBASCUM** Tourn. ex L. 1737 (Scrophulariaceae)
V. blattaria, L.
 V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
V. phoeniceum, L.
 V. tobacco etch
 Holmes, Francis O., 1946
V. thapsus, L.
 V. dodder latent mosaic
 Bennett, C.W., 1944
 V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
V. prunus A *
 Fulton, Robert W., 1957
V. prunus E *
 Fulton, Robert W., 1957
V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
- VERBENA** L. 1737 (Verbenaceae)
V. canadensis, (L.) Britton
 V. tobacco etch
 Holmes, Francis O., 1946
V. hybrida, Voss
 V. anemone brown ring *
 Hollings, M., 1958
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. cucumber mosaic
 Wellman, F.L., 1935
- V. hybrida, Voss (cont.)
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
 V. radish mosaic
 Tompkins, C.M., 1939
 V. turnip mosaic
 Tompkins, C.M., 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
V. prostrata, R. Br.
 V. beet curly top
 Carsner, E., 1919
V. urticifolia, L.
 V. tobacco mosaic
 Holmes, Francis O., 1938
V. venosa, Gill. & Hook.
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
- VERBESINA** L. 1735 (Compositae)
V. encelioides, (Cav.) Benth. & Hook.
 V. beet yellow net
 McLean, D.M., 1952
 V. peony leaf curl *
 Brierley, Philip and Paul Lorentz, 1957
- VERNONIA** Schreb. 1791 (Compositae)
V. anthelmintica, Willd.
 V. hibiscus yellow vein mosaic
 Capoor, S.P. and P.M. Varma, 1950
- VERONICA** ((Tourn.)) L. 1735 (Scrophulariaceae)
V. agrestis, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
V. arvensis, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
V. hederaefolia, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
V. longifolia, L.
 V. tobacco etch
 Holmes, Francis O., 1946
V. officinalis, L.
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1938
V. peregrina, L.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1938
- VICIA** Tourn. ex L. 1735 (Leguminosae)
V. americana, Muhl.
 V. bean common mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. bean yellow mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
V. angustifolia, L.
 V. red clover vein mosaic
 Graves, Clinton H., Jr. and D.J. Hagedorn, 1956
V. atropurpurea, Desf.
 V. bean yellow mosaic
 Grogan, Raymond G. and J.C. Walker, 1948
V. cylindrica, L. *
 V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
V. faba, L.
 V. anemone brown ring *
 Hollings, M., 1958
 V. bayberry yellows
 Raychaudhuri, S.P., 1953
 V. bean common mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. bean pod mottle
 Zaumeyer, W.J. and H. Rex Thomas, 1948
 V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943

- Vicia faba*, L. (cont.)
 V. bean yellow mosaic
 Grogan, Raymond G. and J. C. Walker, 1948
 V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
 V. beet mosaic
 Severin, Henry H.P. and Roger M. Drake, 1948
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
 V. canna mosaic
 Brierley, Philip and Floyd F. Smith, 1948
 Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
 V. cauliflower mosaic
 Tompkins, C.M., 1937
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. cowpea mosaic
 Capoor, S.P. and P.M. Varma, 1956
 McLean, D.M., 1941
 Yu, T.F., 1946
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 Anderson, C.W., 1951
 Harter, L.L., 1936
 Whipple, O.C. and J.C. Walker, 1941
 V. (cucumber) O.S.C. isolate 606 *
 Porter, Clark A. and Frank P. McWhorter, 1951
 V. datura distortion mosaic
 Capoor, S.P. and P.M. Varma, 1952
 V. filaree red leaf
 Frazier, Norman W., 1951
 V. gladiolus *
 Snow, Gordon F., 1955
 V. pea enation mosaic
 Chaudhuri, R.P., 1950
 Johnson, Folke and Leon K. Jones, 1937
 Simons, John N., 1954
 V. pelargonium ring spot *
 Hollings, M., 1957
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
 V. potato Y
 Bald, J.G. and D.O. Norris, 1945
 V. radish mosaic
 Tompkins, C.M., 1939
 V. red clover vein mosaic
 Hagedorn, D.J. and J.C. Walker, 1949
 V. red currant ring spot
 Klessner, P.J., 1951
 V. soybean mosaic
 Conover, Robert A., 1948
 V. squash mosaic
 Freitag, J.H., 1956
 V. squash mosaic (southern)
 Anderson, C.W., 1951
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip mosaic
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 V. turnip rosette *
 Broadbent, L. and G.D. Heathcote, 1958
 V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
 V. faba var. minor *
 V. soybean mosaic
 Pierce, W.H., 1935
 V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1949
 V. faba var. major *
 V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1949
 V. sativa, L.
 V. alsike clover mosaic
 Zaumeyer, W.J., 1940
 V. sativa, L. (cont.)
 V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
 V. bean yellow mosaic
 Grogan, Raymond G. and J.C. Walker, 1948
 Zaumeyer, W.J., 1940
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. broad bean mottle
 Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
 V. cowpea mosaic
 Yu, T.F., 1946
 V. cucumber mosaic
 Harter, L.L., 1938
 V. pea enation mosaic
 Chaudhuri, R.P., 1950
 Johnson, Folke and Leon K. Jones, 1937
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 V. variabilis, Freyn & Sint. ex Freyn
 V. lucerne witches' broom
 Klostermeyer, E.C. and J.D. Menzies, 1951
 V. villosa, Roth
 V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
 V. bean yellow mosaic
 Baggett, James R., 1957
 V. cowpea mosaic
 Yu, T.F., 1946
 V. cucumber mosaic
 Harter, L.L., 1938
 V. filaree red leaf
 Frazier, Norman W., 1951
 V. pea enation mosaic
 Simons, John N., 1954
 V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
 V. pea streak
 Zaumeyer, W.J., 1938
 V. red clover vein mosaic
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 V. tobacco ring spot
 Cooper, W.E., 1949
- VIGNA Savi 1826? (Leguminosae)
 V. cylindrica, (L.) Skeels (V. catjang, Walp.)
 V. bean common mosaic
 Snyder, W.C., 1942
 V. sesquipedalis, (L.) Fruwirth
 V. bean common mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. bean pod mottle
 Zaumeyer, W.J. and H. Rex Thomas, 1948
 V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
 V. bean yellow mosaic
 Conover, Robert A., 1948
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. lucerne mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. pea streak
 Zaumeyer, W.J., 1938
 V. red clover mosaic *
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. soybean mosaic
 Conover, Robert A., 1948
 V. squash mosaic
 Freitag, J.H., 1956
 V. sinensis, (Torner) Savi
 V. anemone brown ring *
 Hollings, M., 1958
 V. anemone mosaic *
 Hollings, M., 1957
 V. bean common mosaic
 Reddick, D. and V.B. Stewart, 1919
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. bean pod mottle
 Zaumeyer, W.J. and H. Rex Thomas, 1948

- Vigna sinensis, (Torner) Savi (cont.)
 V. bean southern mosaic
 Zaumeyer, W.J. and L.L. Harter, 1943
 V. bean yellow mosaic
 Conover, Robert A., 1948
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
 Zaumeyer, W.J., 1952
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. beet mosaic
 Pound, Glenn S., 1947
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. broad bean mottle
 Yu, T.F., 1939
 V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
 V. canna mosaic
 Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
 V. cauliflower mosaic
 Alvarez-Garcia, L.A., 1951
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. chilli veinbanding
 Simons, John N., 1956
 V. chrysanthemum B (mild mosaic) *
 Hollings, M., 1957
 V. citrus tristeza
 Bennett, C.W. and A.S. Costa, 1949
 V. cucumber green mottle mosaic
 Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 V. cucumber mosaic
 Anderson, C.W., 1951
 Govier, D.A., 1957
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Simons, John N., 1957
 Wellman, F.L., 1934, 1935
 V. datura distortion mosaic
 Capoor, S.P. and P.M. Varma, 1952
 V. filaree red leaf
 Frazier, Norman W., 1951
 V. hibiscus yellow vein mosaic
 Capoor, S.P. and P.M. Varma, 1950
 V. lucerne mosaic
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. muskmelon mosaic
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 V. nicotiana glutinosa root necrosis *
 Cetas, Robert C. and A. Frank Ross, 1952
 V. orchid (odontoglossum) ring spot
 Jensen, D.D. and A. Herbert Gold, 1951
 V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
 V. pea enation mosaic
 Hagedorn, D.J. and J.C. Walker, 1954
 Stubbs, M.W., 1937
 V. pea mosaic
 Hagedorn, D.J. and J.C. Walker, 1954
 Murphy, D.M. and W.H. Pierce, 1937
 Stubbs, M.W., 1937
 V. pea mottle
 Johnson, Folke, 1942
 V. pea streak
 Zaumeyer, W.J., 1938
 V. pelargonium ring spot *
 Hollings, M., 1957
 V. potato A
 MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 V. potato Y
 Alvarez-Garcia, L.A. and Jose Adsuar, 1943
 Bald, J.G. and D.O. Norris, 1945
 V. potato yellow dwarf
 Hougas, R.W., 1951
 V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
 V. red clover mosaic *
 Zaumeyer, W.J. and B.L. Wade, 1935
 V. red clover vein mosaic
 Hagedorn, D.J. and E.W. Hanson, 1951
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 Roberts, D.A., 1957
 V. sinensis, (Torner) Savi (cont.)
 V. soybean mosaic
 Conover, Robert A., 1948
 Kendrick, James B. and Max W. Gardner, 1924
 V. squash mosaic
 Freitag, J.H., 1956
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. squash mosaic (southern)
 Anderson, C.W., 1951
 V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 V. sweet potato feathery mottle
 Webb, Raymond E., 1954
 V. tobacco etch
 Anderson, C.W., 1954
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 Smith, Kenneth M., 1935
 V. tobacco ring spot
 Stubbs, M.W., 1937
 V. turnip mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. watermelon mosaic
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 V. Wisconsin pea streak
 Hagedorn, D.J. and J.C. Walker, 1949, 1954
 V. unguiculata, Walp.
 V. chilli (pepper) mosaic
 Dale, W.T., 1954
 Ferguson, I.A.C., 1951
 V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 Vasudeva, R. Sahai and T.B. Lal, 1943
 V. papaw mosaic
 Adsuar, Jose, 1950
 V. turnip mosaic
 Dale, W.T., 1948
 V. vexillata, A. Rich.
 V. bean yellow stipple
 Zaumeyer, W.J. and H. Rex Thomas, 1950
VINCA L. 1735 (Apocynaceae)
 V. minor, L.
 V. cauliflower mosaic
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 V. rosea, L.
 V. bean pod mottle
 Zaumeyer, W.J. and H. Rex Thomas, 1948
 V. beet curly top
 Bennett, C.W. and A.S. Costa, 1949
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. chilli (pepper) mosaic
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
 V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
 V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 V. panicum mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
 V. prunus E *
 Fulton, Robert W., 1957
 V. squash mosaic
 Freitag, J.H., 1956
 V. tobacco etch
 Holmes, Francis O., 1946
 V. tobacco mosaic
 Holmes, Francis O., 1946
 V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
VIOLA Tourn. ex L. 1735 (Violaceae)
 V. arvensis, Murr.
 V. beet yellows
 Roland, G. and J. Tahon, 1961
 V. tobacco etch
 Holmes, Francis O., 1946

- Viola arvensis*, Murr. (cont.)
V. tobacco mosaic
 Holmes, Francis O., 1946
V. cornuta, L.
V. turnip mosaic
 Tompkins, C.M., 1939
V. floridana, Brainerd
V. cucumber mosaic
 Wellman, F.L., 1935
V. odorata, L.
V. cucumber mosaic
 Wellman, F.L., 1935
V. datura distortion mosaic
 Kapoor, S.P. and P.M. Varma, 1952
V. papilionacea, Pursh
V. tobacco mosaic
 Holmes, Francis O., 1938
V. primulifolia, L.
V. cucumber mosaic
 Wellman, F.L., 1935
V. sagittata, Ait.
V. tobacco mosaic
 Holmes, Francis O., 1938
V. spp.
V. orchid (cymbidium) mosaic
 Jensen, D.D., 1951
V. tricolor, L.
V. beet yellows
 Roland, G. and J. Tahon, 1961
V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
V. cabbage ring necrosis
 Larson, R.H. and J.C. Walker, 1941
V. cucumber mosaic
 Burnett, G., 1934
 Govier, D.A., 1957
 Wellman, F.L., 1935
V. euphorbia mosaic
 Costa, A.S. and C.W. Bennett, 1950
V. primula mosaic
 Tompkins, C.M. and John T. Middleton, 1941
V. radish mosaic
 Tompkins, C.M., 1939
V. tomato aspermy
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
V. tomato ring spot
 Samson, R.W. and E.P. Imle, 1942
V. turnip mosaic
 Tompkins, C.M., 1938
 Tompkins, C.M. and H. Rex Thomas, 1938
V. tricolor var. *hortensis*, (Murr.) DC.
V. pea mosaic
 Murphy, D.M. and W.H. Pierce, 1937
V. turnip crinkle
 Broadbent, L. and G.D. Heathcote, 1958
V. turnip yellow mosaic
 Broadbent, L. and G.D. Heathcote, 1958
- VITIS* ((Tourn.)) L. 1735 (Vitaceae)
V. californica, Benth.
V. filaree red leaf
 Frazier, Norman W., 1951
V. spp.
V. beet yellows
 Roland, G. and J. Tahon, 1961
- WALtheria* L. 1737 (Bombacaceae)
W. indica, L.
V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
W. lanceolata, R. Br. ex Mast.
V. cacao swollen shoot
 Tinsley, T.W. and A.L. Wharton, 1958
- XANTHOSOMA* Schott 1832 (Araceae)
X. sagittaefolium, (L.) Schott
V. cacao swollen shoot
 Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
X. spp.
V. cucumber mosaic
 Wellman, F.L., 1935
- XANTHOXALIS* Small 1903 (Oxalidaceae)
X. corniculata, Small
V. cucumber mosaic
 Wellman, F.L., 1935
- XERANTHEMUM* Tourn. ex L. 1735 (Compositae)
X. annuum, L.
V. chrysanthemum stunt
 Brierley, Philip, 1953
- YUCCA* Dill. ex L. 1737 (Liliaceae)
Y. baccata, Torr.
V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- Y. flaccida*, Haw.
V. cucumber mosaic
 Brierley, Philip and Floyd F. Smith, 1944
V. lily symptomless
 Brierley, Philip and Floyd F. Smith, 1944
V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- Y. glauca*, Nutt.
V. wheat streak mosaic
 Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Y. gloriosa*, L.
V. cucumber mosaic
 Wellman, F.L., 1935
- ZANTEDESCHIA* Spreng. 1826 (Araceae)
Z. aethiopica, Spreng.
V. maize leaf fleck
 Stoner, Warren N., 1952
V. tulip breaking
 Brierley, Philip and Floyd F. Smith, 1944
- ZEA* L. 1737 (Gramineae)
Z. indentata, Sturtov.
V. onion yellow dwarf
 Henderson, W.J., 1935
- Z. mays*, L.
V. agropyron mosaic
 Slykhuis, J.T., 1952
V. barley yellow dwarf
 Oswald, John W. and Byron R. Houston, 1953
V. beet yellows
 Roland, G. and J. Tahon, 1961
V. cabbage black ring spot
 Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
V. cucumber mosaic
 Adsuar, Jose and A. Cruz Miret, 1950
 Harter, L.L., 1938
V. muskmelon mosaic
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
V. nothoscordum mosaic
 McKinney, H.H., 1950
V. orchid (cymbidium) mosaic
 Jensen, D.D., 1951
V. orchid (*odontoglossum*) ring spot
 Jensen, D.D. and A. Herbert Gold, 1951
V. orchid (vanda) mosaic
 Murakishi, Harry H., 1952
V. panicum mosaic *
 Sill, W.H., Jr. and R.C. Pickett, 1957
V. papaw mosaic
 Adsuar, Jose, 1950
V. pea mottle
 Johnson, Folke, 1942
V. pea wilt
 Johnson, Folke, 1942
- XANTHIUM* ((Tourn.)) L. 1735 (Compositae)
X. americanum, Walt.
V. tobacco ring spot
 Henderson, R.G. and S.A. Wingard, 1931
- X. echinatum*, Murr.
V. stone fruit *
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954

- Zea mays*, L. (cont.)
- V. primula mosaic
 - Tompkins, C.M. and John T. Middleton, 1941
 - V. radish mosaic
 - Tompkins, C.M., 1939
 - V. soil-borne oat mosaic
 - McKinney, H.H., 1946
 - V. squash mosaic
 - Freitag, J.H., 1956
 - V. tobacco etch
 - Holmes, Francis O., 1946
 - V. tobacco mosaic
 - Holmes, Francis O., 1946
 - V. tobacco ring spot
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - V. tomato aspermy
 - Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 - V. tulip breaking
 - Brierley, Philip and Floyd F. Smith, 1944
 - V. turnip mosaic
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
 - V. wheat streak mosaic
 - Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
 - Slykhuis, J.T., 1952
- ZEBRINA* Schinzl. 1849 (Commelinaceae)
- Z. pendula, Schinzl.
 - V. muskmelon mosaic
 - Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 - V. tobacco ring spot
 - Wingard, S.A., 1928
 - V. wheat streak mosaic
 - Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- ZEPHYRANTHES* Herb. 1821 (Amaryllidaceae)
- Z. candida, Herb.
 - V. narcissus mosaic
 - Haasis, Frank A., 1939
 - Z. spp.
 - V. ornithogalum mosaic
 - Smith, Floyd F. and Philip Brierley, 1944
 - V. tulip breaking
 - Brierley, Philip and Floyd F. Smith, 1944
- ZINNIA* L. 1759 (Compositae)
- Z. elegans, Jacq.
 - V. abutilon infectious variegation
 - Bird, Julio, 1958
 - V. anemone brown ring *
 - Hollings, M., 1958
 - V. bean yellow mosaic
 - Thomas, H. Rex and W.J. Zaumeyer, 1953
 - V. beet curly top
 - Costa, A.S., 1952
 - V. beet mosaic
 - Bennett, C.W., 1949
 - V. beet yellow net
 - McLean, D.M., 1952
 - V. beet yellows
 - Roland, G. and J. Tahon, 1961
 - V. cauliflower mosaic
 - Alvarez-Garcia, L.A., 1951
 - Berkeley, G.H. and J.H. Tremaine, 1954
 - V. celery mosaic
 - Freitag, Julius H. and Henry H.P. Severin, 1945
 - V. chilli (pepper) mosaic
 - Dale, W.T., 1954
 - Jha, Ashrafi and S.P. Raychaudhuri, 1956
 - V. chrysanthemum B (mild mosaic) *
 - Hollings, M., 1957
 - V. chrysanthemum ring spot
 - Brierley, Philip and Floyd F. Smith, 1955
 - V. cowpea mosaic
 - Capoor, S.P. and P.M. Varma, 1956
 - McLean, D.M., 1941
 - Yu, T.F., 1946
 - V. cucumber mosaic
 - Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 - (cucumber) O.S.C. isolate 606 *
 - Porter, Clark A. and Frank P. McWhorter, 1951
 - Z. elegans, Jacq. (cont.)
 - V. datura distortion mosaic
 - Capoor, S.P. and P.M. Varma, 1952
 - V. eggplant mosaic
 - Dale, W.T., 1954
 - V. euphorbia mosaic
 - Costa, A.S. and C.W. Bennett, 1950
 - V. gladiolus *
 - Snow, Gordon F., 1955
 - V. hibiscus yellow vein mosaic
 - Capoor, S.P. and P.M. Varma, 1950
 - V. hydrangea ring spot
 - Brierley, Philip and Paul Lorentz, 1957
 - V. lucerne mosaic
 - Johnson, E.M., 1946
 - Zaumeyer, W.J., 1938
 - V. muskmelon mosaic
 - Anderson, C.W., 1954
 - Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 - Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 - V. nicotiana glutinosa root necrosis *
 - Cetas, Robert C. and A. Frank Ross, 1952
 - V. orchid (vanda) mosaic
 - Murakishi, Harry H., 1952
 - V. pea mottle
 - Johnson, Folke, 1942
 - V. pea streak
 - Zaumeyer, W.J., 1938
 - V. pea wilt
 - Johnson, Folke, 1942
 - V. pelargonium ring spot *
 - Hollings, M., 1957
 - V. potato Y
 - Bald, J.G. and D.O. Norris, 1945
 - V. prunus A *
 - Fulton, Robert W., 1957
 - V. prunus E *
 - Fulton, Robert W., 1957
 - V. squash mosaic
 - Freitag, J.H., 1956
 - Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 - V. squash mosaic (southern)
 - Anderson, C.W., 1951
 - V. stone fruit *
 - Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
 - V. tobacco mosaic
 - Das, C.R. and S.P. Raychaudhuri, 1953
 - V. tobacco ring spot
 - Cooper, W.E., 1949
 - V. tobacco streak
 - Thomas, H. Rex and W.J. Zaumeyer, 1950
 - V. tomato ring spot
 - Samson, R.W. and E.P. Imle, 1942
 - V. watermelon mosaic
 - Anderson, C.W., 1954
 - Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 - Z. haageana, Regel
 - V. tobacco etch
 - Holmes, Francis O., 1946
 - Z. linearis, Benth.
 - V. potato A
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Z. multiflora, L.
 - V. bayberry yellows
 - Raychaudhuri, S.P., 1953
 - Z. spp.
 - V. citrus tristeza
 - Knorr, L.C., 1956
 - V. orchid (odontoglossum) ring spot
 - Jensen, D.D. and A. Herbert Gold, 1951
- ZYGOCACTUS* K. Schum. * (Cactaceae)
- Z. truncatus, Schum.
 - V. beet yellows
 - Roland, G. and J. Tahon, 1961

VIRUS

- V. ABACA BUNCHY TOP *Ocfemia* 1930
Musa paradisiaca var. *cineraria*
Ocfemia, Gerardo Offimaria, 1930
Musa paradisiaca var. *lacatan*
Ocfemia, Gerardo Offimaria, 1930
Musa paradisiaca var. *suaveolens*
Ocfemia, Gerardo Offimaria, 1930
Musa textilis
Calinisan, Melanio R., 1931
Calinisan, Melanio R. and Crispiniano C.
Hernandez, 1936
Ocfemia, G.O., 1926, 1930
Ocfemia, G.O. and Gabino G. Buhay, 1934
Ocfemia, G.O., Martin S. Celino and Feliciano J.
Garcia, 1947
Musa textilis x *M. balbisiana*
Bernardo, Fernando A. and Dioscoro L. Umali,
1956
- V. ABUTILON INFECTIOUS VARIEGATION ((Morren 1869)) *Brierley* 1944
Abutilon mulleri friderici
Keur, John Y., 1933
Abutilon regnellii
Keur, John Y., 1933
Abutilon striatum, clone *thompsonii*
Keur, John Y., 1933, 1934
Althaea rosea
Bird, Julio, 1958
Gossypium spp.
Crandall, Bowen S., 1954
Hibiscus cannabinus
Crandall, Bowen S., 1954
Malvastrum coromandelianum
Crandall, Bowen S., 1954
Mucuna pruriens
Crandall, Bowen S., 1954
Mucuna spp.
Crandall, Bowen S., 1954
Nicandra physalodes
Silberschmidt, K. and L.R. Tommasi, 1956
Nicotiana tabacum
Bird, Julio, 1958
Phenax sonneratii
Silberschmidt, Karl M., 1948
Sida carpinifolia
Bird, Julio, 1958
Sida rhombifolia
Bird, Julio, 1958
Costa, A.S. and C.W. Bennett, 1950
Kunkel, L.O., 1930
Silberschmidt, K. and L.R. Tommasi, 1956
Solanum tuberosum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. AGROPYRON MOSAIC *McKinney* 1944
Agropyron elongatum
Slykhuis, J.T., 1952
Agropyron inerme
Slykhuis, J.T., 1952
Agropyron intermedium
Slykhuis, J.T., 1952
Agropyron junceum
Slykhuis, J.T., 1952
Agropyron pertenuie
Slykhuis, J.T., 1952
Agropyron repens
Slykhuis, J.T., 1952
Agropyron rigidum
Slykhuis, J.T., 1952
Festuca rubra
Slykhuis, J.T., 1952
Secale cereale
Slykhuis, J.T., 1952
Triticum durum
Slykhuis, J.T., 1952
Triticum vulgare
Slykhuis, J.T., 1952
- V. ALMOND BUD FAILURE *Wilson and Stout* 1951
Prunus amygdalus
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

VIRUS

- V. ALMOND CALICO *Thomas and Rawlins* 1939
Prunus amygdalus
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Prunus avium
Thomas, H. Earl and T.E. Rawlins, 1939
Prunus communis
Thomas, H. Earl and T.E. Rawlins, 1939
Prunus persica
Thomas, H. Earl and T.E. Rawlins, 1939
- V. ALSIKE CLOVER MOSAIC *Zaumeyer and Wade* 1935
Crotalaria spectabilis
Zaumeyer, W.J., 1940
Crotalaria striata
Zaumeyer, W.J., 1940
Lupinus albus
Zaumeyer, W.J., 1940
Lupinus angustifolius
Zaumeyer, W.J., 1940
Medicago sativa
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Zaumeyer, W.J., 1940
Melilotus alba
Zaumeyer, W.J., 1940
Phaseolus vulgaris
Harrison, Arthur L., 1935
Zaumeyer, W.J., 1933, 1940
Zaumeyer, W.J. and B.L. Wade, 1935, 1936
Pisum sativum
Wade, B.L. and W.J. Zaumeyer, 1938
Zaumeyer, W.J., 1940
Zaumeyer, W.J. and B.L. Wade, 1936
Trifolium hybridum
Wade, B.L. and W.J. Zaumeyer, 1938
Zaumeyer, W.J. and B.L. Wade, 1935
Trifolium incarnatum
Zaumeyer, W.J., 1940
Trifolium pratense
Hanson, E.W. and D.J. Hagedorn, 1952
Vicia faba
Wade, B.L. and W.J. Zaumeyer, 1938
Zaumeyer, W.J., 1940
Zaumeyer, W.J. and B.L. Wade, 1936
- V. ANEMONE BROWN RING *
- Amaranthus caudatus*
Hollings, M., 1958
 - Anemone coronaria*
Hollings, M., 1958
 - Aquilegia caerulea*
Hollings, M., 1958
 - Chenopodium amaranticolor*
Hollings, M., 1957, 1958
 - Gomphrena globosa*
Hollings, M., 1958
 - Lathyrus odoratus*
Hollings, M., 1958
 - Lycopersicon esculentum*
Hollings, M., 1958
 - Portulaca oleracea*
Hollings, M., 1958
 - Tetragonia expansa*
Hollings, M., 1958
- V. ANEMONE LATENT *
- Chenopodium amaranticolor*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Delphinium* spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Nicotiana tabacum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. ANEMONE MOSAIC *
- Ageratum conyzoides*
Hollings, M., 1957
 - Alonsoa warscewiczii*
Hollings, M., 1957
 - Amaranthus caudatus*
Hollings, M., 1957
 - Anemone coronaria*
Hollings, M., 1957
 - Anemone nemorosa*
Hollings, M., 1957

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- V. ANEMONE MOSAIC * (cont.)
Aquilegia caerulea
 Hollings, M., 1957
Brassica hirta (*Brassica alba*)
 Hollings, M., 1957
Brassica napus
 Hollings, M., 1957
Brassica oleracea var. *capitata*
 Hollings, M., 1957
Brassica pekinensis
 Hollings, M., 1957
Brassica rapa
 Hollings, M., 1957
Capsella bursa-pastoris
 Hollings, M., 1957
Cerastium vulgatum
 Hollings, M., 1957
Chenopodium album
 Hollings, M., 1957
Chenopodium amaranticolor
 Hollings, M., 1956, 1957
Chrysanthemum carinatum
 Hollings, M., 1957
Convolvulus tricolor
 Hollings, M., 1957
Delphinium grandiflorum
 Hollings, M., 1957
Fumaria officinalis
 Hollings, M., 1957
Galium aparine
 Hollings, M., 1957
Geum chiloense
 Hollings, M., 1957
Gomphrena globosa
 Hollings, M., 1957
Lactuca muralis
 Hollings, M., 1957
Lavatera trimestris
 Hollings, M., 1957
Malcolmia maritima
 Hollings, M., 1957
Matthiola incana var. *annua*
 Hollings, M., 1957
Mimulus luteus
 Hollings, M., 1957
Nicotiana glutinosa
 Hollings, M., 1957
Nicotiana rustica
 Hollings, M., 1957
Nicotiana tabacum
 Hollings, M., 1957
Papaver rhoeas
 Hollings, M., 1957
Papaver somniferum
 Hollings, M., 1957
Passiflora caerulea
 Hollings, M., 1957
Petunia hybrida
 Hollings, M., 1957
Physalis peruviana
 Hollings, M., 1957
Primula sinensis
 Hollings, M., 1957
Ranunculus spp.
 Hollings, M., 1957
Saintpaulia ionantha
 Hollings, M., 1957
Salpiglossis sinuata
 Hollings, M., 1957
Schizanthus pinnatus
 Hollings, M., 1957
Senecio vulgaris
 Hollings, M., 1957
Sisymbrium officinale
 Hollings, M., 1957
Tagetes erecta
 Hollings, M., 1957
Tetragonia expansa
 Hollings, M., 1957
Thlaspi arvense
 Hollings, M., 1957
Verbena hybrida
 Hollings, M., 1957

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- V. ANEMONE MOSAIC * (cont.)
Vicia faba
 Hollings, M., 1957
Zinnia elegans
 Hollings, M., 1957
- V. APPLE *
Amelanchier spp.
 Millikan, D.F. and H.W. Guengerich, 1956
Datura inoxia
 Hilborn, M.T. and Reiner Bonde, 1956
Malus sylvestris
 Hilborn, M.T. and Reiner Bonde, 1956
 Millikan, D.F. and H.W. Guengerich, 1956
- V. APPLE DWARF FRUIT Cation and Gibson 1952
Malus coronaria
 Cation, Donald and Roy E. Gibson, 1952
Malus sylvestris
 Cation, Donald and Roy E. Gibson, 1952
- V. APPLE FALSE STING Hockey 1943
Malus spp.
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Malus sylvestris
 Hockey, J.F., 1941, 1943
- V. APPLE GREEN MOTTLE Palmeter and Parker 1955
Malus sylvestris
 Palmeter, D.H. and K.G. Parker, 1955
- V. APPLE MOSAIC Khristov 1934 ((May be identical with V. Plum line pattern, Gilmer 1956)
Cotoneaster spp.
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Cucumis sativus
 Yarwood, C.E., 1955
 Yarwood, C.E. and H.E. Thomas, 1954
Cyamopsis tetragonoloba
 Yarwood, C.E., 1955
Eriobotrya spp.
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Fragaria vesca var. *alpina**
 Yarwood, C.E., 1955
Gomphrena globosa
 Yarwood, C.E., 1955
Lycopersicon esculentum
 Yarwood, C.E., 1955
 Yarwood, C.E. and H.E. Thomas, 1954
Malus baccata
 Hockey, J.F., 1943
Malus spectabilis
 Thomas, H. Earl and L.M. Massey, 1939
Malus spp.
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Malus sylvestris
 Blodgett, F.M., 1938
 Fulton, Robert W., 1956
 Gilmer, R.M., 1956
 Hockey, J.F., 1943
 Hunter, J.A., E.E. Chamberlain and J.D. Atkinson, 1958
 Kirkpatrick, Hugh C., 1955
 Posnette, A.F. and R. Cropley, 1956
 Posnette, A.F. and Christina E. Ellenberger, 1957
 Yarwood, C.E., 1955, 1957
 Yarwood, C.E. and H.E. Thomas, 1954
Nicotiana glutinosa
 Yarwood, C.E., 1955
Nicotiana tabacum
 Fulton, Robert W., 1956
 Yarwood, C.E., 1955, 1957
 Yarwood, C.E. and H.E. Thomas, 1954
Phaseolus vulgaris
 Yarwood, C.E., 1955
 Yarwood, C.E. and H.E. Thomas, 1954
Photinia spp.
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Phytolacca americana
 Yarwood, C.E., 1955
Prunus americana x *P. salicina*
 Gilmer, R.M., 1956

VIRUS

V. APPLE MOSAIC (cont.)

- Prunus americana* *x* *P. salicina*
Posnette, A.F. and Christina E. Ellenberger, 1957
- Prunus avium*
Posnette, A.F. and Christina E. Ellenberger, 1957
- Prunus cerasifera*
Posnette, A.F. and Christina E. Ellenberger, 1957
- Prunus domestica*
Posnette, A.F. and Christina E. Ellenberger, 1957
- Prunus gigantea**
Posnette, A.F. and Christina E. Ellenberger, 1957
- Prunus insititia*
Posnette, A.F. and Christina E. Ellenberger, 1957
- Prunus persica*
Kirkpatrick, Hugh C., 1955
Posnette, A.F. and Christina E. Ellenberger, 1957
- Rosa* hybrid
Thomas, H. Earl and L.M. Massey, 1939
- Sorbus sitchensis*
Thomas, H. Earl and L.M. Massey, 1939
- Vicia faba*
Yarwood, C.E., 1955
Yarwood, C.E. and H.E. Thomas, 1954
- Vigna sinensis*
Yarwood, C.E., 1955
Yarwood, C.E. and H.E. Thomas, 1954
- V. APPLE RING SPOT Atkinson et al. 1954
Malus spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. APPLE ROSETTE Van Katwijk 1953
Malus spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. APPLE ROUGH SKIN Van Katwijk 1955
Malus spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. APPLE RUBBERY WOOD Prentice 1950
Malus spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. APPLE STEM PITTING*
Malus sylvestris on *M. angustifolia*
Guengerick, H.W. and D.F. Millikan, 1956
- V. APPLE WITCHES' BROOM Rui 1950
Malus spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. APRICOT MOORPARK MOTTLE Chamberlain et al. 1954
Prunus armeniaca 1954
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Prunus cerasifera*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Prunus persica*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. APRICOT RING POX Reeves 1943
Phaseolus vulgaris
Yarwood, C.E., 1957
- Prunus armeniaca*
Reeves, E.L. and Philip W. Cheney, 1956
Simonds, Austin O., 1951
- Prunus domestica*
Simonds, Austin O., 1951
- Prunus persica*
Simonds, Austin O., 1951
Yarwood, C.E., 1957
- V. ARABIS MOSAIC Smith and Markham 1944
Arabis hirsuta
Smith, Kenneth M. and Roy Markham, 1944
- Cucumis sativus*
Smith, Kenneth M. and Roy Markham, 1944

VIRUS

V. ARABIS MOSAIC (cont.)

- Nicotiana glutinosa*
Smith, Kenneth M. and Roy Markham, 1944
- Nicotiana tabacum*
Smith, Kenneth M. and Roy Markham, 1944
- Phaseolus vulgaris*
Smith, Kenneth M. and Roy Markham, 1944
- Solanum nodiflorum*
Smith, Kenneth M. and Roy Markham, 1944
- V. ASCLEPIAS YELLOWS *
Asclepias syriaca
Kunkel, L.O., 1950
- Daucus carota* var. *sativa*
Kunkel, L.O., 1950
- Lycopersicon esculentum*
Kunkel, L.O., 1950
- Vinca rosea*
Kunkel, L.O., 1950
- V. ASH INFECTIOUS VARIEGATION Atanasoff 1935
Pyrus aucuparia
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. ASH WITCHES' BROOM Plakidas 1949
Fraxinus berlandieriana
Plakidas, A.G., 1949
- V. ASTER YELLOWS Kunkel 1926, 1936
Adonis aestivalis
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Allium ascalonicum*
Smith, Floyd F. and Philip Brierley, 1948
- Allium cepa*
Severin, Henry H.P. and Julius H. Freitag, 1945
- Alyssum compactum* var. *procumbens**
Kunkel, L.O., 1926
- Amaranthus auroro* or *aurora**
Kunkel, L.O., 1926
- Amaranthus caudatus*
Kunkel, L.O., 1926
- Amaranthus retroflexus*
Frazier, Norman W. and Henry H.P. Severin, 1945
- Ambrosia artemisiifolia*
Kunkel, L.O., 1926
Younkin, S.G., 1943
- Ambrosia trifida*
Kunkel, L.O., 1926
- Ammobium alatum*
Kunkel, L.O., 1926
- Anagallis arvensis*
Frazier, Norman W. and Henry H.P. Severin, 1945
- Anemone coronaria*
Severin, Henry H.P. and Julius H. Freitag, 1945
- Anethum graveolens*
Kunkel, L.O., 1926
- Anthemis cotula*
Frazier, Norman W. and Henry H.P. Severin, 1945
- Apium graveolens*
George, J.A. and J.K. Richardson, 1957
Raymer, W.B. and Clark R. Amen, 1954
- Apium graveolens* var. *dulce*
Freitag, J.H., 1956
Magie, R.O., Floyd F. Smith and Philip Brierley, 1952
Raymer, W.B., 1956
- Severin, H.H.P., 1928, 1929, 1930, 1932, 1934
- Severin, Henry H.P. and Julius H. Freitag, 1945
- Severin, Henry H.P. and Sidney J. Oliver, 1939
- Smith, Floyd F. and Philip Brierley, 1953
- Apium graveolens* var. *rapaceum*
Severin, Henry H.P., 1929, 1932
- Severin, Henry H.P. and Julius H. Freitag, 1945
- Asclepias nivea*
Kunkel, L.O., 1926
- Aster chilensis*
Frazier, Norman W. and Henry H.P. Severin, 1945
- Aster novae-angliae*
George, J.A. and J.K. Richardson, 1957
- Begonia semperflorens*
Kunkel, L.O., 1926
- Bellis perennis*
Kunkel, L.O., 1926

VIRUS

V. ASTER YELLOWS (cont.)

- Bidens frondosa
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Bidens pilosa
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Brachycome iberidifolia
 - Kunkel, L.O., 1926
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Brassica campestris
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Brassica hirta (Brassica alba)
 - Severin, Henry H. P., 1934
- Brassica oleracea var. botrytis
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Brassica oleracea var. capitata
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Brassica oleracea var. italicica
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Browallia americana (Browallia demissa)
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Calandrinia grandiflora
 - Kunkel, L.O., 1926
- Calceolaria crenatiflora
 - Kunkel, L.O., 1926
- Calendula officinalis
 - Kunkel, L.O., 1926
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Calendula spp.
 - Severin, Henry H. P., 1934
- Callistephus chinensis
 - Black, L. M., 1941
 - Brierley, Philip and Floyd F. Smith, 1957
 - Freitag, Julius H., 1956
 - Johnson, Folke, 1941
 - Kunkel, L.O., 1924, 1926
 - Magie, R.O., Floyd F. Smith and Philip Brierley, 1952
 - Maramorosch, Karl, 1952, 1955
 - Raymer, W.B., 1956
 - Raymer, W.B. and Clark R. Amen, 1954
 - Severin, Henry H.P., 1929, 1932, 1934, 1940
 - Severin, Henry H. P. and Julius H. Freitag, 1945
 - Smith, Floyd F. and Philip Brierley, 1948, 1951, 1953
 - Younkin, S.G., 1943
- Canna generalis
 - Smith, Floyd F. and Philip Brierley, 1951
- Capsella bursa-pastoris
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Centaurea americana
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Centaurea cyanus
 - Frazier, Norman W. and Henry H. P. Severin, 1945
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Centaurea imperialis
 - Kunkel, L.O., 1926, 1928
- Centaurea margaritacea
 - Kunkel, L.O., 1926
- Centaurea melitensis
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Cheiranthus allionii
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Cheiranthus cheiri
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Chrysanthemum carinatum
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Chrysanthemum coronarium
 - Kunkel, L.O., 1926
- Chrysanthemum frutescens
 - Kunkel, L.O., 1926
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Chrysanthemum leucanthemum
 - Kunkel, L.O., 1926
- Chrysanthemum leucanthemum var. maximum *
 - Kunkel, L.O., 1926
- Chrysanthemum maximum
 - Kunkel, L.O., 1926
- Chrysanthemum morifolium
 - Brierley, Philip and Floyd F. Smith, 1957
 - Smith, Floyd F. and Philip Brierley, 1953

VIRUS

V. ASTER YELLOWS (cont.)

- Chrysanthemum segetum
 - Severin, Henry H. P. and Julius H. Freitag, 1934, 1945
- Chrysanthemum segetum x C. carinatum
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Chrysanthemum spp.
 - Kunkel, L.O., 1926
- Cichorium endivia
 - Linn, M.B., 1940
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Cichorium intybus
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Clarkia elegans
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Coreopsis drummondii
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Coreopsis grandiflora
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Coreopsis tinctoria
 - Kunkel, L.O., 1926
- Cosmidium burridgeanum
 - Kunkel, L.O., 1926
- Cosmos bipinnatus
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Cotula australis
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Cucumis melo
 - Freitag, Julius H., 1956
- Cucumis sativus
 - Freitag, J.H., 1956
- Cucurbita maxima
 - Freitag, J.H., 1956
- Cucurbita mixta
 - Freitag, J.H., 1956
- Cucurbita moschata
 - Freitag, J.H., 1956
- Cucurbita pepo
 - Freitag, J.H., 1956
- Dahlia variabilis
 - Smith, Floyd F. and Philip Brierley, 1953
- Datura stramonium
 - Frazier, Norman W. and Henry H. P. Severin, 1945
 - Raymer, W.B., 1956
- Daucus carota
 - George, J.A. and J.K. Richardson, 1957
- Daucus carota var. sativa
 - Hervey, G.E.R. and W.T. Schroeder, 1949
 - Severin, H.H.P., 1930, 1932, 1934
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Delphinium ajacis
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Delphinium cultorum
 - Severin, Henry H. P. and Julius H. Freitag, 1945
 - Severin, Henry H. P. and Sidney J. Oliver, 1939
- Delphinium grandiflorum var. album
 - Severin, Henry H. P., 1942
- Delphinium hybrid
 - Severin, Henry H. P., 1942
- Delphinium spp.
 - Severin, Henry H. P., 1942
- Dianthus barbatus
 - Kunkel, L.O., 1926
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Dianthus caryophyllus
 - Brierley, Philip and Floyd F. Smith, 1957
 - Jones, Leon K., 1945
 - Thomas, W.D., Jr., 1953
- Didiscus caeruleus
 - Kunkel, L.O., 1926
- Dimorphotheca aurantiacum
 - Kunkel, L.O., 1926
- Diplacus aurantiacus
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Dipsacus fullonum
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Epilobium californicum
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Epilobium paniculatum
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Erigeron annuus
 - Kunkel, L.O., 1926

VIRUS

V. ASTER YELLOWS (cont.)

- Erigeron canadensis*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
 - Kunkel, L.O., 1926
 - McClintock, J.A., 1931
- Erigeron linifolius*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Erodium cicutarium*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Erodium moschatum*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Eschscholtzia californica*
 - Kunkel, L.O., 1926
 - Severin, Henry H. P. and Julius H. Freitag, 1934, 1945
- Fagopyrum esculentum*
 - Kunkel, L.O., 1926
- Fragaria bracteata*
 - Frazier, Norman W. and Harold E. Thomas, 1953
- Fragaria californica*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Fragaria chiloensis* var. *ananassa*
 - Frazier, Norman W. and Harold E. Thomas, 1953
 - Fulton, J.P., 1957
- Fragaria vesca*
 - Fulton, J.P., 1957
- Fragaria vesca* var. *americana*
 - Frazier, Norman W. and Harold E. Thomas, 1953
- Gaillardia aristata*
 - Kunkel, L.O., 1926
- Gaillardia pulchella* var. *picta*
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Gaura lindheimeri*
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Geranium dissectum*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Geum chiloense*
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Gilia capitata* var. *achilleaeifolia*
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Gladiolus hortulanus*
 - Magie, R.O., Floyd F. Smith and Philip Brierley, 1952
 - Smith, Floyd F. and Philip Brierley, 1953
- Gladiolus* spp.
 - Smith, Floyd F. and Philip Brierley, 1948
- Gnaphalium decurrens* var. *californicum*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Gnaphalium ramosissimum*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Godetia grandiflora*
 - Severin, Henry H. P. and Julius H. Freitag, 1934, 1945
- Gypsophila paniculata*
 - Kunkel, L.O., 1926
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Helenium puberulum*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Helichrysum arenarium*
 - Kunkel, L.O., 1926
- Helichrysum bracteatum*
 - Severin, Henry H. P. and Julius H. Freitag, 1934, 1945
- Hemizonia corymbosa*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Hydrangea macrophylla*
 - Brierley, Philip and Floyd F. Smith, 1954
- Ilysanthes dubia*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Lactuca altaica*
 - Tompson, Ross C., 1944
- Lactuca canadensis*
 - Tompson, Ross C., 1944
- Lactuca floridana*
 - Tompson, Ross C., 1944
- Lactuca graminifolia*
 - Tompson, Ross C., 1944
- Lactuca indica*
 - Tompson, Ross C., 1944
- Lactuca laciniata*
 - Tompson, Ross C., 1944
- Lactuca muralis*
 - Tompson, Ross C., 1944

VIRUS

V. ASTER YELLOWS (cont.)

- Lactuca muralis*
 - Tompson, Ross C., 1944
- Lactuca perennis*
 - Tompson, Ross C., 1944
- Lactuca raddeana*
 - Tompson, Ross C., 1944
- Lactuca saligna*
 - Tompson, Ross C., 1944
- Lactuca sativa*
 - Brierley, Philip and Floyd F. Smith, 1944
 - Kunkel, L.O., 1926
 - Lee, P.E. and A.G. Robinson, 1958
 - Linn, M.B., 1940
 - Raymer, W.B. and Clark R. Amen, 1954
 - Severin, H.H.P., 1928, 1929
 - Severin, Henry H. P. and Julius H. Freitag, 1945
 - Smith, Floyd F. and Philip Brierley, 1951
 - Tompson, Ross C., 1944
- Lactuca sativa* var. *longifolia*
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Lactuca scariola* var. *integrata*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Lactuca serriola*
 - Tompson, Ross C., 1944
- Lactuca spicata*
 - Tompson, Ross C., 1944
- Lactuca squarrosa*
 - Tompson, Ross C., 1944
- Lactuca virosa*
 - Tompson, Ross C., 1944
- Lamium amplexicaule*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Lavandula officinalis*
 - Kunkel, L.O., 1926
- Limonium sinuatum*
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Linaria bipartita*
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Linaria canadensis*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Linum usitatissimum*
 - Severin, Henry H. P. and Byron R. Houston, 1945
- Lotus salsuginosus*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Lycopersicon esculentum*
 - Kunkel, L.O., 1930
 - Raymer, W.B., 1956
- Madia sativa*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Malcolmia maritima*
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Malva nicaeensis*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Malva parviflora*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Malva rotundifolia*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Martynia louisiana*
 - Kunkel, L.O., 1926
- Matricaria alba*
 - Kunkel, L.O., 1926
- Matricaria suaveolens*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Medicago hispida*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Mellilotus alba*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
- Mimulus cardinalis*
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Mimulus guttatus*
 - Frazier, Norman W. and Henry H. P. Severin, 1945
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Mimulus luteus*
 - Kunkel, L.O., 1926
- Myosotis scorpioides*
 - Kunkel, L.O., 1926
 - Severin, Henry H. P. and Julius H. Freitag, 1945
- Nemesia strumosa*
 - Kunkel, L.O., 1926
- Nemophila maculata*
 - Kunkel, L.O., 1926

VIRUS

V. ASTER YELLOWS (cont.)

- Nicotiana rustica*
 Johnson, Folke, 1941
 Kunkel, L.O., 1930
 Raymer, W.B., 1956
 Self, R.L. and H.M. Darling, 1949
 Younkin, S.G., 1943
- Nigella damascena*
 Severin, Henry H.P. and Julius H. Freitag, 1945
- Pastinaca sativa*
 Severin, Henry H.P., 1932, 1934
 Severin, Henry H.P. and Julius H. Freitag, 1945
- Petroselinum crispum*
 Severin, H.H.P., 1930
 Severin, Henry H.P. and Julius H. Freitag, 1945
- Petroselinum hortense*
 Severin, Henry H.P., 1932, 1934
- Petroselinum hortense var. crispum**
 Severin, Henry H.P., 1932
- Petroselinum hortense var. radicosum**
 Severin, Henry H.P., 1932, 1934
- Petunia hybrida*
 Severin, Henry H.P. and Julius H. Freitag, 1945
- Phlox drummondii*
 Kunkel, L.O., 1926
 Severin, Henry H.P., 1943
 Severin, Henry H.P. and Julius H. Freitag, 1945
- Phlox paniculata*
 Kunkel, L.O., 1926
- Picris echioides*
 Frazier, Norman W. and Henry H.P. Severin, 1945
- Pimpinella anisum*
 Kunkel, L.O., 1926
- Plantago major*
 Frazier, Norman W. and Harold E. Thomas, 1953
 Freitag, J.H., 1956
 Kunkel, L.O., 1926, 1928
 Severin, Henry H.P., 1929, 1934
- Polygonum aviculare*
 Frazier, Norman W. and Henry H.P. Severin, 1945
- Polygonum convolvulus*
 Frazier, Norman W. and Henry H.P. Severin, 1945
- Portulaca grandiflora*
 Kunkel, L.O., 1926
- Portulaca oleracea*
 Frazier, Norman W. and Henry H.P. Severin, 1945
- Primula elatior*
 Kunkel, L.O., 1926
- Primula obconica*
 Severin, Henry H.P. and C.M. Tompkins, 1950
- Primula polyantha*
 Severin, Henry H.P. and Julius H. Freitag, 1945
- Pyrethrum spp.*
 Kunkel, L.O., 1926
- Ranunculus asiaticus*
 Severin, Henry H.P. and Julius H. Freitag, 1934, 1945
- Raphanus sativus*
 Frazier, Norman W. and Henry H.P. Severin, 1945
 Severin, Henry H.P. and Julius H. Freitag, 1945
- Reseda odorata*
 Kunkel, L.O., 1926
- Rorippa curvisiliqua*
 Frazier, Norman W. and Henry H.P. Severin, 1945
- Rorippa sylvestris*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Rudbeckia hirta*
 Severin, Henry H.P. and Julius H. Freitag, 1945
- Rumex acetosella*
 Frazier, Norman W. and Henry H.P. Severin, 1945
- Salpiglossis sinuata*
 Kunkel, L.O., 1926
 Severin, Henry H.P. and Julius H. Freitag, 1945
- Salvia azurea var. pitcherii*
 Severin, Henry H.P. and Julius H. Freitag, 1945
- Satureja hortensis*
 Kunkel, L.O., 1926
- Scabiosa atropurpurea*
 Kunkel, L.O., 1926
 Severin, Henry H.P. and Julius H. Freitag, 1945
- Schizanthus pinnatus*
 Kunkel, L.O., 1926

VIRUS

V. ASTER YELLOWS (cont.)

- Scorzonera hispanica*
 Severin, Henry H.P. and Julius H. Freitag, 1945
- Scrophularia californica*
 Frazier, Norman W. and Henry H.P. Severin, 1945
- Senecio hybridus*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Senecio vulgaris*
 Frazier, Norman W. and Henry H.P. Severin, 1945
- Silene pendula*
 Kunkel, L.O., 1926
- Sinningia speciosa*
 Kunkel, L.O., 1926
- Solanum nigrum*
 Frazier, Norman W. and Henry H.P. Severin, 1945
- Solanum tuberosum*
 Bonde, Reiner and E.S. Schultz, 1947
 Burke, O.D., 1941
 Jensen, James H. and H. Douglas Tate, 1947
 Leach, J.G. and C. Franklin Bishop, 1944
 Milbrath, J.A. and W.H. English, 1948, 1949
 Raymer, W.B., 1956
 Raymer, W.B. and Clark R. Amen, 1954
 Self, R.L. and H.M. Darling, 1949
 Severin, Henry H.P., 1940
 Severin, Henry H.P. and Julius H. Freitag, 1945
 Severin, Henry H.P. and Frank A. Haasis, 1934
 Younkin, S.G., 1943
- Sonchus arvensis*
 Kunkel, L.O., 1926
- Sonchus asper*
 Frazier, Norman W. and Henry H.P. Severin, 1945
- Sonchus oleraceus*
 Frazier, Norman W. and Henry H.P. Severin, 1945
- Kunkel, L.O., 1926*
- Spergula arvensis*
 Frazier, Norman W. and Henry H.P. Severin, 1945
- Spinacia oleracea*
 Kunkel, L.O., 1926
 Severin, Henry H.P. and Julius H. Freitag, 1945
- Stellaria media*
 Frazier, Norman W. and Henry H.P. Severin, 1945
- Tagetes erecta*
 Kunkel, L.O., 1926
 Severin, Henry H.P., 1929
 Severin, Henry H.P. and Julius H. Freitag, 1934, 1945
- Tagetes patula*
 Severin, Henry H.P. and Julius H. Freitag, 1934, 1945
- Taraxacum officinale*
 Kunkel, L.O., 1926
- Trachymene caerulea*
 Severin, Henry H.P. and Julius H. Freitag, 1945
- Tragopogon porrifolius*
 Kunkel, L.O., 1926
 Severin, Henry H.P., 1934
- Trifolium hybridum*
 Raymer, W.B., 1956
- Trifolium incarnatum*
 Raymer, W.B., 1956
- Trifolium pratense*
 Raymer, W.B., 1956
- Trifolium repens*
 Raymer, W.B., 1956
 Raymer, W.B. and Clark R. Amen, 1954
 Webb, R.E. and E.S. Schultz, 1955
- Tropaeolum majus*
 Severin, Henry H.P. and Julius H. Freitag, 1945
- Urtica californica*
 Frazier, Norman W. and Henry H.P. Severin, 1945
- Veronica americana*
 Frazier, Norman W. and Henry H.P. Severin, 1945
- Veronica buxbaumii*
 Frazier, Norman W. and Henry H.P. Severin, 1945
- Veronica peregrina*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Vinca rosea*
 Brierley, Philip and Floyd F. Smith, 1957
 Fulton, J.P., 1957
 Maramorosch, Karl, 1957
- Viola tricolor*
 Brierley, Philip and Floyd F. Smith, 1954

- VIRUS**
- V. ASTER YELLOWS (cont.)**
- Zinnia elegans*
 - George, J. A. and J. K. Richardson, 1957
 - Magie, R. O., Floyd F. Smith and Philip Brierley, 1952
 - Severin, Henry H. P., 1929, 1934
 - Severin, Henry H. P. and Julius H. Freitag, 1934, 1945
 - Smith, Floyd F. and Philip Brierley, 1953
 - Zinnia haageana*
 - Severin, Henry H. P., 1934
- V. ATROPA BELLADONNA MOSAIC** Smith 1943
- Atropa belladonna*
 - R. A. M. 22: 451, 1943
 - Datura stramonium*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Hyocymus niger*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Nicotiana glutinosa*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Nicotiana tabacum*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Phaseolus vulgaris*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Solanum nigrum*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- V. AVOCADO PEAR SUN BLOTCH** Horne and Parker
- Persea americana* 1930
 - Horne, W. T. and E. R. Parker, 1931
 - Stevens, H. E., 1939
- V. BABIANA MOSAIC** Smith and Brierley 1944
- Babiana* spp.
 - Smith, Floyd F. and Philip Brierley, 1944
 - Tritonia crocata*
 - Smith, Floyd F. and Philip Brierley, 1944
- V. BANANA BUNCHY TOP** Magee 1927
- Musa fehi*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Musa* spp.
 - Magee, C. J. P., 1940, 1948
- V. BARLEY STRIPE MOSAIC** McKinney 1953; Hagborg 1954
- Agropyron hybrid* 1954
 - Sill, W. H., Jr., 1956
 - Avena sativa*
 - McKinney, H. H., 1953
 - Sill, W. H., Jr. and E. D. Hansing, 1955
 - Bromus inermis*
 - McKinney, H. H., 1951, 1953
 - Bromus japonicus*
 - Slykhuis, J. T., 1952
 - Bromus secalinus*
 - Slykhuis, J. T., 1952
 - Bromus tectorum*
 - Slykhuis, J. T., 1952
 - Chenopodium album*
 - Sill, W. H., Jr. and E. D. Hansing, 1955
 - Chenopodium amaranticolor*
 - Hollings, M., 1957
 - Digitaria ischaemum*
 - McKinney, H. H., 1951, 1953
 - Digitaria sanguinalis*
 - Slykhuis, J. T., 1952
 - Echinochloa crus-galli*
 - Slykhuis, J. T., 1952
 - Eragrostis cilianensis*
 - Slykhuis, J. T., 1952
 - Hordeum jubatum*
 - Slykhuis, J. T., 1952
 - Hordeum vulgare*
 - Afanasiev, M. M., 1956
 - Eslick, R. F. and M. M. Afanasev, 1955
 - Fitzgerald, Paul J., Harland Stevens and R. G. Timian, 1957
 - Hagborg, W. A. F., 1954
 - McKinney, H. H., 1951, 1953, 1954, 1956
 - Sill, W. H., Jr. and E. D. Hansing, 1955
 - Sisler, W. W. and R. G. Timian, 1956
 - Slykhuis, J. T., 1952
- VIRUS**
- V. BARLEY STRIPE MOSAIC (cont.)**
- Hordeum vulgare*
 - Timian, R. G. and W. W. Sisler, 1955
 - Wadsworth, D. F., 1949
 - Nicotiana tabacum*
 - McKinney, H. H., 1951
 - Oryza sativa*
 - Kahn, Robert P. and Ottie J. Dickerson, 1957
 - McKinney, H. H., 1951
 - Panicum capillare*
 - Slykhuis, J. T., 1952
 - Panicum miliaceum*
 - Slykhuis, J. T., 1952
 - Secale cereale*
 - Sill, W. H., Jr. and E. D. Hansing, 1955
 - Slykhuis, J. T., 1952
 - Setaria italica*
 - Slykhuis, J. T., 1952
 - Setaria verticillata*
 - Slykhuis, J. T., 1952
 - Setaria viridis*
 - Slykhuis, J. T., 1952
 - Triticum aestivum*
 - Fitzgerald, Paul J., Harland Stevens and R. G. Timian, 1957
 - Lal, S. B. and W. H. Sill, Jr., 1957
 - McKinney, H. H., 1951, 1953, 1956
 - McNeal, F. H. and M. M. Afanasev, 1955, 1956
 - Sill, W. H., Jr. and E. D. Hansing, 1955
 - Triticum durum*
 - Slykhuis, J. T., 1952
 - Triticum vulgare*
 - Slykhuis, J. T., 1952
 - Zea mays*
 - McKinney, H. H., 1951
 - Sill, W. H., Jr., 1956
 - Sill, W. H., Jr. and E. D. Hansing, 1955
 - Slykhuis, J. T., 1952
 - Zea mays* var. *saccharata*
 - McKinney, H. H., 1951, 1953
- V. BARLEY YELLOW DWARF** Oswald and Houston 1951
- Aegilops triuncialis*
 - Oswald, John W. and Byron R. Houston, 1953
 - Agropyron inerne*
 - Bruehl, G. W. and H. V. Toko, 1957
 - Agropyron intermedium*
 - Bruehl, G. W. and H. V. Toko, 1957
 - Agropyron trachycaulum*
 - Oswald, John W. and Byron R. Houston, 1953
 - Andropogon barbinodis*
 - Oswald, John W. and Byron R. Houston, 1953
 - Anthoxanthum odoratum*
 - Oswald, John W. and Byron R. Houston, 1953
 - Aristida oligantha*
 - Oswald, John W. and Byron R. Houston, 1953
 - Avena barbata*
 - Oswald, John W. and Byron R. Houston, 1953
 - Avena fatua*
 - Bruehl, G. W. and H. V. Toko, 1957
 - Oswald, John W. and Byron R. Houston, 1952, 1953
 - Avena sativa*
 - Allen, Thomas C., Jr., 1956, 1957
 - Allen, Thomas C., Jr. and Byron R. Houston, 1956
 - Bruehl, G. W. and H. V. Toko, 1955, 1957
 - Endo, R. M., 1957
 - Moore, M. B., 1952
 - Oswald, John W. and Byron R. Houston, 1951, 1952, 1953
 - Oswald, John W. and T. H. Thung, 1955
 - Takeshita, R. M., 1956
 - Toko, H. V. and G. W. Bruehl, 1957
 - Watson, Marion A. and T. Mulligan, 1957
 - Wilson, V. E. and H. C. Murphy, 1953
 - Avena strigosa*
 - Endo, R. M., 1957
 - Beckmannia syzigachne*
 - Bruehl, G. W. and H. V. Toko, 1957
 - Bouteloua curtipendula*
 - Oswald, John W. and Byron R. Houston, 1953
 - Bromus brizaeformis*
 - Bruehl, G. W. and H. V. Toko, 1957

VIRUS

- V. BARLEY YELLOW DWARF (cont.)
- Bromus carinatus
 - Bruehl, G.W. and H.V. Toko, 1957
 - Bromus catharticus
 - Bruehl, G.W. and H.V. Toko, 1957
 - Oswald, John W. and Byron R. Houston, 1953
 - Bromus commutatus
 - Bruehl, G.W. and H.V. Toko, 1957
 - Bromus erectus
 - Bruehl, G.W. and H.V. Toko, 1957
 - Bromus inermis
 - Oswald, John W. and Byron R. Houston, 1953
 - Bromus japonicus
 - Bruehl, G.W. and H.V. Toko, 1957
 - Bromus mollis
 - Bruehl, G.W. and H.V. Toko, 1957
 - Oswald, John W. and Byron R. Houston, 1953
 - Bromus racemosus
 - Bruehl, G.W. and H.V. Toko, 1957
 - Bromus rigidus
 - Allen, Thomas C., Jr. and Byron R. Houston, 1956
 - Bruehl, G.W. and H.V. Toko, 1957
 - Oswald, John W. and Byron R. Houston, 1953
 - Bromus rubens
 - Oswald, John W. and Byron R. Houston, 1953
 - Bromus secalinus
 - Bruehl, G.W. and H.V. Toko, 1957
 - Bromus spp.
 - Oswald, John W. and Byron R. Houston, 1952
 - Bromus sterilis
 - Bruehl, G.W. and H.V. Toko, 1957
 - Bromus tectorum
 - Bruehl, G.W. and H.V. Toko, 1957
 - Oswald, John W. and Byron R. Houston, 1953
 - Bromus tomentellus
 - Bruehl, G.W. and H.V. Toko, 1957
 - Chloris gayana
 - Oswald, John W. and Byron R. Houston, 1953
 - Cynodon dactylon
 - Oswald, John W. and Byron R. Houston, 1953
 - Cynosurus echinatus
 - Oswald, John W. and Byron R. Houston, 1953
 - Dactylis glomerata
 - Bruehl, G.W. and H.V. Toko, 1957
 - Oswald, John W. and Byron R. Houston, 1953
 - Deschampsia caespitosa
 - Bruehl, G.W. and H.V. Toko, 1957
 - Deschampsia danthonioides
 - Bruehl, G.W. and H.V. Toko, 1957
 - Elymus caput-medusae
 - Bruehl, G.W. and H.V. Toko, 1957
 - Oswald, John W. and Byron R. Houston, 1953
 - Elymus condensatus
 - Bruehl, G.W. and H.V. Toko, 1957
 - Elymus triticoides
 - Oswald, John W. and Byron R. Houston, 1953
 - Festuca arundinacea
 - Bruehl, G.W. and H.V. Toko, 1957
 - Oswald, John W. and Byron R. Houston, 1953
 - Festuca elatior
 - Bruehl, G.W. and H.V. Toko, 1957
 - Festuca idahoensis
 - Bruehl, G.W. and H.V. Toko, 1957
 - Festuca myuros
 - Oswald, John W. and Byron R. Houston, 1953
 - Festuca ovina
 - Bruehl, G.W. and H.V. Toko, 1957
 - Festuca reflexa
 - Bruehl, G.W. and H.V. Toko, 1957
 - Oswald, John W. and Byron R. Houston, 1953
 - Festuca rubra
 - Bruehl, G.W. and H.V. Toko, 1957
 - Festuca spp.
 - Oswald, John W. and Byron R. Houston, 1952
 - Gastridium ventricosum
 - Oswald, John W. and Byron R. Houston, 1953
 - Hordeum brachyantherum
 - Oswald, John W. and Byron R. Houston, 1953
 - Hordeum brevisubulatum
 - Bruehl, G.W. and H.V. Toko, 1957
 - Hordeum bulbosum
 - Bruehl, G.W. and H.V. Toko, 1957

VIRUS

- V. BARLEY YELLOW DWARF (cont.)
- Hordeum hystrix
 - Oswald, John W. and Byron R. Houston, 1953
 - Hordeum leporinum
 - Bruehl, G.W. and H.V. Toko, 1957
 - Oswald, John W. and Byron R. Houston, 1953
 - Hordeum spp.
 - Oswald, John W. and Byron R. Houston, 1952
 - Hordeum vulgare
 - Allen, Thomas C., Jr., 1956, 1957
 - Allen, Thomas C., Jr. and Byron R. Houston, 1956
 - Bruehl, G.W. and H. Toko, 1955, 1957
 - Oswald, John W. and Byron R. Houston, 1951, 1952, 1953
 - Oswald, John W. and T.H. Thung, 1955
 - Takeshita, R.M., 1956
 - Toko, H.V. and G.W. Bruehl, 1957
 - Watson, Marion A. and T. Mulligan, 1957
 - Loeleria cristata
 - Bruehl, G.W. and H.V. Toko, 1957
 - Lolium multiflorum
 - Bruehl, G.W. and H.V. Toko, 1957
 - Oswald, John W. and Byron R. Houston, 1953
 - Lolium perenne
 - Bruehl, G.W. and H.V. Toko, 1957
 - Watson, Marion A. and T. Mulligan, 1957
 - Lolium remotum
 - Bruehl, G.W. and H.V. Toko, 1957
 - Lolium temulentum
 - Bruehl, G.W. and H.V. Toko, 1957
 - Panicum capillare
 - Oswald, John W. and Byron R. Houston, 1953
 - Phalaris arundinacea
 - Bruehl, G.W. and H.V. Toko, 1957
 - Phalaris paradoxa
 - Oswald, John W. and Byron R. Houston, 1953
 - Phalaris spp.
 - Oswald, John W. and Byron R. Houston, 1952
 - Phalaris tuberosa
 - Oswald, John W. and Byron R. Houston, 1953
 - Phleum pratense
 - Bruehl, G.W. and H.V. Toko, 1957
 - Watson, Marion A. and T. Mulligan, 1957
 - Poa ampla
 - Bruehl, G.W. and H.V. Toko, 1957
 - Oswald, John W. and Byron R. Houston, 1953
 - Poa canbyi
 - Bruehl, G.W. and H.V. Toko, 1957
 - Poa pratensis
 - Bruehl, G.W. and H.V. Toko, 1957
 - Oswald, John W. and Byron R. Houston, 1953
 - Secale cereale
 - Allen, Thomas C., Jr., 1957
 - Allen, Thomas C., Jr. and Byron R. Houston, 1956
 - Takeshita, R.M., 1956
 - Setaria lutescens
 - Bruehl, G.W. and H.V. Toko, 1957
 - Sitanion hystrix
 - Bruehl, G.W. and H.V. Toko, 1957
 - Oswald, John W. and Byron R. Houston, 1953
 - Sitanion jubatum
 - Bruehl, G.W. and H.V. Toko, 1957
 - Sorghum vulgare
 - Oswald, John W. and Byron R. Houston, 1953
 - Sorghum vulgare var. sudanense
 - Oswald, John W. and Byron R. Houston, 1953
 - Stipa comata
 - Bruehl, G.W. and H.V. Toko, 1957
 - Triticum aestivum
 - Allen, Thomas C., Jr., 1957
 - Allen, Thomas C., Jr. and Byron R. Houston, 1956
 - Bruehl, G.W. and H.T. Toko, 1955, 1957
 - Oswald, John W. and Byron R. Houston, 1951, 1952, 1953
 - Takeshita, R.M., 1956
 - Toko, H.V. and G.W. Bruehl, 1957
 - Zea mays
 - Allen, Thomas C., Jr., 1957

V. BAYBERRY YELLOWS Raychaudhuri 1953

- Allium cepa
 - Raychaudhuri, S.P., 1953

- VIRUS**
- V. BAYBERRY YELLOWS (cont.)**
- Apium graveolens*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Beta vulgaris*
Raychaudhuri, S.P., 1953
 - Cuscuta campestris*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Cuscuta subinclusa*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Daucus carota*
Raychaudhuri, S.P., 1953
 - Daucus carota* var. *sativa*
Raychaudhuri, S.P., 1952
 - Myrica carolinensis*
Raychaudhuri, S.P., 1952, 1953
 - Petunia hybrida* var. *nana compacta* *
 - Petunia hybrida* var. *nana compacta* *
 - Tagetes signata* var. *pumila*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Vinca minor*
Raychaudhuri, S.P., 1952
 - Vinca rosea*
Raychaudhuri, S.P., 1953
- V. BEAN COMMON MOSAIC**
- Lespedeza striata*
Pierce, W.H., 1934
 - Melilotus alba*
Harrison, Arthur L., 1935
 - Phaseolus aconitifolius*
Nelson, Ray, 1932
 - Phaseolus acutifolius* var. *latifolius*
Nelson, Ray, 1932
 - Pierce, W.H.*, 1934
 - Reddick, D. and V.B. Stewart, 1919
 - Phaseolus angularis*
Nelson, Ray, 1932
 - Phaseolus aureus*
Pierce, W.H., 1934
 - Phaseolus calcaratus*
Nelson, Ray, 1932
 - Pierce, W.H.*, 1934
 - Phaseolus coccineus*
Nelson, Ray, 1932
 - Phaseolus limensis*
Nelson, Ray, 1932
 - Phaseolus lunatus*
Nelson, Ray, 1932
 - Pierce, W.H.*, 1934
 - Reddick, D. and V.B. Stewart, 1919
 - Phaseolus mungo*
Nelson, Ray, 1932
 - Phaseolus radiatus* var. *aurea* *
 - Matsumoto, T., 1922
 - Phaseolus vulgaris*
Ainsworth, G.C., 1940
 - Bridgmon, G.H. and J.C. Walker, 1951
 - Dean, Leslie L. and C.W. Hungerford, 1946, 1954
 - Fajardo, T.G., 1928, 1930
 - Fernow, Karl Hermann, 1925
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Fulton, Robert W., 1941
 - Grogan, Raymond G. and J.C. Walker, 1948
 - Harrison, Arthur L., 1935
 - Jenkins, Wilbert A., 1940
 - Mackie, W.W. and Katherine Esau, 1932
 - Murphy, Donald M., 1940
 - Murphy, Donald M. and W.H. Pierce, 1938
 - Nelson, Ray, 1932
 - Parker, M.C., 1936
 - Pierce, W.H., 1934, 1935, 1937
 - Pierce, W.H. and C.W. Hungerford, 1929
 - Reddick, D. and V.B. Stewart, 1918, 1919
 - Richards, B. Lorin and Walter H. Burkholder, 1943
 - Smith, Francis L. and Wm. B. Hewitt, 1938
 - Snyder, W.C., 1942
 - Stewart, V.B. and Donald Reddick, 1917
 - Thomas, H. Rex and W.J. Zaumeyer, 1953
 - Wade, B.L. and C.F. Andrus, 1941
 - Walker, J.C. and J.P. Jolivette, 1943
- VIRUS**
- V. BEAN COMMON MOSAIC (cont.)**
- Phaseolus vulgaris*
Yerkes, William D., Jr. and Alfonso Crispin Medina, 1957
 - Zaumeyer, W.J. and H.H. Fisher, 1951
 - Zaumeyer, W.J. and H. Rex Thomas, 1947, 1948
 - Zaumeyer, W.J. and B.L. Wade, 1933, 1935
 - Phaseolus vulgaris* var. *humulis* *
Nelson, Ray, 1932
 - Vicia faba*
Nelson, Ray, 1932
 - Reddick, D. and V.B. Stewart, 1919
 - Vicia faba* var. *minor*
Pierce, W.H., 1934
 - Vicia lathyroides*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Vicia sativa*
Pierce, W.H., 1934
 - Vigna sesquipedalis*
Nelson, Ray, 1932
 - Snyder, W.C., 1942
 - Vigna sinensis*
Snyder, W.C., 1942
- V. BEAN DOUBLE YELLOW MOSAIC** K.M. Smith 1957
- Phaseolus aureus*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Phaseolus limensis*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Phaseolus lunatus*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Phaseolus vulgaris*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. BEAN LEAF WILT** J. Johnson 1942
- Lathyrus pusillus*
Johnson, James, 1942
 - Phaseolus vulgaris*
Johnson, James, 1942
- V. BEAN MONTANA ***
- Melilotus alba*
Afanasiev, M.M. and H.E. Morris, 1946
 - Melilotus officinalis*
Afanasiev, M.M. and H.E. Morris, 1946
 - Phaseolus vulgaris*
Afanasiev, M.M. and H.E. Morris, 1946
- V. BEAN MOSAIC 3 ***
- Phaseolus vulgaris*
Zaumeyer, W.J. and B.L. Wade, 1933, 1935
- V. BEAN POD MOTTLE** Zaumeyer and Thomas 1948
- Glycine max*
Zaumeyer, W.J. and H. Rex Thomas, 1948
 - Phaseolus lunatus*
Zaumeyer, W.J. and H. Rex Thomas, 1948
 - Phaseolus lunatus* x *P. lunatus* f. *macrocarpus*
Zaumeyer, W.J. and H. Rex Thomas, 1948
 - Phaseolus vulgaris*
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Zaumeyer, W.J. and H. Rex Thomas, 1948, 1950
- V. BEAN SOUTHERN MOSAIC**
- Glycine max*
Zaumeyer, W.J. and L.L. Harter, 1943
 - Zaumeyer, W.J. and H. Rex Thomas, 1948
 - Phaseolus lunatus*
Zaumeyer, W.J. and L.L. Harter, 1943
 - Phaseolus lunatus* x *P. lunatus* f. *macrocarpus*
Zaumeyer, W.J. and L.L. Harter, 1943
 - Phaseolus vulgaris*
Bain, Douglas C., 1950
 - Bridgmon, G.H., 1951
 - Bridgmon, G.H. and J.C. Walker, 1951
 - Mitchell, J.W., W.H. Preston, Jr. and J.M. Beal, 1956
 - Price, W.C. and Betty R. Holt, 1948
 - Zaumeyer, W.J. and H.H. Fisher, 1951
 - Zaumeyer, W.J. and L.L. Harter, 1942, 1943, 1944
 - Zaumeyer, W.J. and H. Rex Thomas, 1948, 1950

VIRUS

- V. BEAN YELLOW MOSAIC Pierce 1934
Cajanus indicus
 Zaumeyer, W.J. and B.L. Wade, 1935
Canavalia ensiformis
 Thomas, H. Rex and W.J. Zaumeyer, 1953
Cassia tora
 Corbett, M.K., 1957
Chenopodium amaranticolor
 Hollings, M., 1957
Cicer arietinum
 Snyder, William C., A.O. Paulus and A.H. Gold, 1956
 Zaumeyer, W.J. and B.L. Wade, 1935
Crotalaria retusa
 Zaumeyer, W.J., 1940
Crotalaria spectabilis
 Corbett, M.K., 1957
 Hungerford, C.W. and Irvin G. Hillyer, 1954
 Zaumeyer, W.J., 1940
Crotalaria striata
 Zaumeyer, W.J., 1940
Cyamopsis tetragonoloba
 Thomas, H. Rex and W.J. Zaumeyer, 1953
Dolichos biflorus
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Freesia spp.
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Gladiolus gandavensis
 McWhorter, Frank P., 1949
Gladiolus hortulanus
 Berkeley, G.H., 1953
 Bridgmon, G.H., 1951
 Bridgmon, G.H. and J.C. Walker, 1952
 Brierley, Philip, 1952
 Brierley, Philip and Floyd F. Smith, 1948
 Dosdall, Louise, 1928
Gladiolus spp.
 Smith, Floyd F. and Philip Brierley, 1944
Glycine max
 Afanasiev, M.M. and H.E. Morris, 1952
 Conover, Robert A., 1948
 Grogan, Raymond G. and J.C. Walker, 1948
 Hagedorn, D.J., 1952
 Hagedorn, D.J. and J.C. Walker, 1949, 1950, 1954
 Pierce, W.H., 1934, 1935
 Thomas, H. Rex and W.J. Zaumeyer, 1953
 Zaumeyer, W.J. and H.H. Fisher, 1953
Lathyrus hirsutus
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
Lathyrus odoratus
 Ainsworth, G.C., 1940
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
 Zaumeyer, W.J. and B.L. Wade, 1933, 1935
Lens esculenta
 Zaumeyer, W.J. and B.L. Wade, 1935
Lespedeza striata
 Pierce, W.H., 1934
Lupinus albus
 Pierce, W.H., 1934
 Zaumeyer, W.J., 1940
Lupinus angustifolius
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
 Zaumeyer, W.J., 1940
Lupinus densiflorus
 Hungerford, C.W. and Irvin G. Hillyer, 1954
Lycopersicon esculentum
 Osborn, H.T., 1938
Medicago arabica
 Elliott, J.A., 1921
Medicago lupulina
 Hungerford, C.W. and Irvin G. Hillyer, 1954
Medicago orbicularis
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
Medicago sativa
 McWhorter, Frank P., 1949
 Zaumeyer, W.J., 1940
Melilotus alba
 Afanasiev, M.M. and H.E. Morris, 1952
 Conover, Robert A., 1948
 Diachun, Stephen and Lawrence Henson, 1956
 Elliott, J.A., 1921
 Grogan, Raymond G. and J.C. Walker, 1948
 Hagedorn, D.J. and J.C. Walker, 1950

VIRUS

- V. BEAN YELLOW MOSAIC (cont.)
Melilotus alba
 Hagedorn, D.J. and J.C. Walker, 1954
 Hanson, E.W. and D.J. Hagedorn, 1954, 1956
 Hungerford, C.W. and Irvin G. Hillyer, 1954
 McWhorter, Frank P., 1949
 Pierce, W.H., 1934, 1937
 Thomas, H. Rex and W.J. Zaumeyer, 1953
 Zaumeyer, W.J., 1940, 1952
 Zaumeyer, W.J. and H.H. Fisher, 1953
 Zaumeyer, W.J. and B.L. Wade, 1935
Melilotus indica
 Hagedorn, D.J. and E.W. Hanson, 1953
Melilotus officinalis
 Afanasiev, M.M. and H.E. Morris, 1952
 Baggett, James R., 1957
 Conover, Robert A., 1948
 Grogan, Raymond G. and J.C. Walker, 1948
 Hagedorn, D.J. and E.W. Hanson, 1957
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
 Pierce, W.H., 1935
 Zaumeyer, W.J. and B.L. Wade, 1935
Melilotus spp.
 McLarty, H.R., 1920
Nicotiana rustica
 Thomas, H. Rex and W.J. Zaumeyer, 1953
 Zaumeyer, W.J., 1952
 Zaumeyer, W.J. and H.H. Fisher, 1953
Nicotiana sylvestris
 Thomas, H. Rex and W.J. Zaumeyer, 1953
Nicotiana tabacum
 Thomas, H. Rex and W.J. Zaumeyer, 1953
 Zaumeyer, W.J., 1952
 Zaumeyer, W.J. and H.H. Fisher, 1953
Phaseolus aconitifolius
 Thomas, H. Rex and W.J. Zaumeyer, 1953
Phaseolus acutifolius var. *latifolius*
 Pierce, W.H., 1934
 Thomas, H. Rex and W.J. Zaumeyer, 1953
 Zaumeyer, W.J. and H.H. Fisher, 1953
Phaseolus angularis
 Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus aureus
 Osborn, H.T., 1938
 Pierce, W.H., 1934
 Zaumeyer, W.J. and H.H. Fisher, 1953
 Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus limensis
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Phaseolus lunatus
 Zaumeyer, W.J. and H.H. Fisher, 1953
Phaseolus vulgaris
 Afanasiev, M.M. and H.E. Morris, 1952
 Ainsworth, G.C., 1940
 Baggett, James R., 1956, 1957
 Berkeley, G.H., 1953
 Bridgmon, G.H. and J.C. Walker, 1952
 Brierley, Philip, 1952
 Conover, Robert A., 1948
 Grogan, Ray G., 1948
 Grogan, Raymond G. and J.C. Walker, 1948
 Hagedorn, D.J. and J.C. Walker, 1949, 1950, 1954
 Harrison, Arthur L., 1935
 Houston, Byron R. and John W. Oswald, 1953
 Hungerford, C.W. and Irvin G. Hillyer, 1954
 Johnson, James, 1942
 McWhorter, Frank P., 1949
 Murphy, Donald M., 1940
 Osborn, H.T., 1938
 Pierce, W.H., 1934, 1935, 1937
 Thomas, H.R., 1953
 Thomas, H. Rex and W.J. Zaumeyer, 1953
 Yerkes, William D., Jr. and Alfonso Crispin Medina, 1957
 Zaumeyer, W.J., 1933, 1940, 1952
 Zaumeyer, W.J. and H.H. Fisher, 1953
 Zaumeyer, W.J. and B.L. Wade, 1933, 1935, 1936
Phaseolus vulgaris x *P. coccineus*
 Baggett, James R., 1956
Pisum sativum
 Ainsworth, G.C., 1940
 Baggett, James R., 1957
 Berkeley, G.H., 1953

VIRUS

V. BEAN YELLOW MOSAIC (cont.)

Pisum sativum

- Conover, Robert A., 1948
 Corbett, M. K., 1957
 Grogan, Raymond G. and J.C. Walker, 1948
 Hagedorn, D.J., 1951, 1952
 Hagedorn, D.J. and J.C. Walker, 1949, 1950, 1954
 Hanson, E.W. and D.J. Hagedorn, 1954
 Hungerford, C.W. and Irvin G. Hillyer, 1954
 Johnson, James, 1942
 McWhorter, Frank P., 1949
 Osborn, H.T., 1935
 Oshima, Nagayoshi and M.F. Kernkamp, 1957
 Pierce, W.H., 1935, 1937
 Thomas, H. Rex and W.J. Zaumeyer, 1953
 Zaumeyer, W.J., 1940
 Zaumeyer, W.J. and B.L. Wade, 1933, 1935, 1936

Pisum sativum var. *arvense*

- Grogan, Raymond G. and J.C. Walker, 1948
 Hagedorn, D.J. and J.C. Walker, 1950, 1954

Pisum sativum var. *saccharatum*

- Pierce, W.H., 1935

Sesbania macrocarpa

- Johnson, James, 1942

Trifolium hybridum

- Baggett, James R., 1957
 Grogan, Raymond G. and J.C. Walker, 1948
 Hagedorn, D.J. and E.W. Hanson, 1953, 1957
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
 Hanson, E.W. and D.J. Hagedorn, 1954, 1956
 Hungerford, C.W. and Irvin G. Hillyer, 1954

Trifolium incarnatum

- Baggett, James R., 1957
 Conover, Robert A., 1948
 Diachun, Stephen and Lawrence Henson, 1956
 Grogan, Raymond G. and J.C. Walker, 1948
 Hagedorn, D.J., 1948, 1952
 Hagedorn, D.J. and E.W. Hanson, 1953, 1957
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
 Hanson, E.W. and D.J. Hagedorn, 1954, 1956
 Pierce, W.H., 1934
 Thomas, H. Rex and W.J. Zaumeyer, 1953
 Zaumeyer, W.J., 1940

Trifolium pratense

- Diachun, Stephen and Lawrence Henson, 1953, 1956, 1957
 Elliott, J.A., 1921
 Hagedorn, D.J., 1948, 1952
 Hagedorn, D.J. and E.W. Hanson, 1953, 1957
 Hagedorn, D.J. and J.C. Walker, 1950, 1954
 Hanson, E.W. and D.J. Hagedorn, 1952, 1954, 1956
 McWhorter, Frank P., 1949
 Oshima, Nagayoshi and M.F. Kernkamp, 1957
 Pierce, W.H., 1935, 1937
 Zaumeyer, W.J., 1940
 Zaumeyer, W.J. and B.L. Wade, 1935

Trifolium repens

- Ainsworth, G.C., 1940
 Houston, Byron R. and John W. Oswald, 1953
 Kreitlow, K.W., O.J. Hunt and H.L. Wilkins, 1957

Trifolium repens f. *giganteum* *

- Thomas, H. Rex and W.J. Zaumeyer, 1953

Trifolium subterraneum

- Hutton, E.M. and J.W. Peak, 1954
 McWhorter, Frank P. and John R. Hardison, 1949

Trigonella foenum-graecum

- Grogan, Raymond G. and J.C. Walker, 1948
 Hagedorn, D.J., 1948, 1952

- Hagedorn, D.J. and J.C. Walker, 1950, 1954

Vicia americana

- Zaumeyer, W.J. and B.L. Wade, 1935

Vicia atropurpurea

- Grogan, Raymond G. and J.C. Walker, 1948
 Hagedorn, D.J. and J.C. Walker, 1950, 1954

Vicia faba

- Afanasiev, M.M. and H.E. Morris, 1952

- Ainsworth, G.C., 1940

- Baggett, James R., 1957

- Brierley, Philip and Floyd F. Smith, 1948

- Conover, Robert A., 1948

- Elliott, J.A., 1921

- Grogan, Raymond G. and J.C. Walker, 1948

- Houston, Byron R. and John W. Oswald, 1953

VIRUS

V. BEAN YELLOW MOSAIC (cont.)

Vicia faba

- McWhorter, Frank P., 1949

- McWhorter, Frank P. and John R. Hardison, 1949

- Osborn, H.T., 1938

- Thomas, H. Rex and W.J. Zaumeyer, 1953

- Zaumeyer, W.J., 1940, 1952

- Zaumeyer, W.J. and H.H. Fisher, 1953

- Zaumeyer, W.J. and B.L. Wade, 1935, 1936

Vicia faba var. *major* *

- Hagedorn, D.J. and J.C. Walker, 1950, 1954

Vicia faba var. *minor* *

- Hagedorn, D.J. and J.C. Walker, 1950, 1954

- Pierce, W.H., 1934, 1935

Vicia grandiflora

- Hagedorn, D.J. and J.C. Walker, 1950, 1954

Vicia lathyroides

- (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Vicia monantha

- Grogan, Raymond G. and J.C. Walker, 1948

- Hagedorn, D.J. and J.C. Walker, 1950, 1954

Vicia sativa

- Grogan, Raymond G. and J.C. Walker, 1948

- Hagedorn, D.J. and J.C. Walker, 1950, 1954

- Pierce, W.H., 1934

Vicia villosa

- Grogan, Raymond G. and J.C. Walker, 1948

- Hagedorn, D.J. and J.C. Walker, 1950, 1954

- Hungerford, C.W. and Irvin G. Hillyer, 1954

Vigna sesquipedalis

- Thomas, H. Rex and W.J. Zaumeyer, 1953

- Zaumeyer, W.J. and H.H. Fisher, 1953

Vigna sinensis

- Osborn, H.T., 1938

- Zaumeyer, W.J. and H.H. Fisher, 1953

V. BEAN YELLOW STIPPLE Zaumeyer and Thomas 1950

Cyamopsis tetragonoloba

- Zaumeyer, W.J. and H. Rex Thomas, 1950

Glycine max

- Zaumeyer, W.J. and H. Rex Thomas, 1950

Phaseolus acutifolius var. *latifolius*

- Zaumeyer, W.J. and H. Rex Thomas, 1950

Phaseolus calcaratus

- Zaumeyer, W.J. and H. Rex Thomas, 1950

Phaseolus coccineus

- Zaumeyer, W.J. and H. Rex Thomas, 1950

Phaseolus mungo

- Zaumeyer, W.J. and H. Rex Thomas, 1950

Phaseolus vulgaris

- Zaumeyer, W.J. and H. Rex Thomas, 1950

Pisum sativum

- Zaumeyer, W.J. and H. Rex Thomas, 1950

Vigna sinensis

- Zaumeyer, W.J. and H. Rex Thomas, 1950

V. BEET CURLY TOP ((Ball 1909; Boucquet and Hartung 1915)) Carsner 1919; Severin 1919

Acanthospermum hispidum

- Bennett, C.W. and A.S. Costa, 1949

Amaranthus aurora or *auroro* *

- Freitag, Julius H. and Henry H.P. Severin, 1936

Amaranthus caudatus

- Freitag, Julius H. and Henry H.P. Severin, 1936

Amaranthus deflexus

- Severin, Henry H.P., 1934

Amaranthus gangeticus

- Freitag, Julius H. and Henry H.P. Severin, 1936

Amaranthus graecizans

- Carsner, E., 1919

- Severin, Henry H.P., 1934

Amaranthus retroflexus

- Severin, Henry H.P., 1934

Anagallis arvensis

- Severin, Henry H.P., 1934

Anchusa azurea

- Freitag, Julius H. and Henry H.P. Severin, 1936

Anemone coronaria

- Freitag, Julius H. and Henry H.P. Severin, 1936

Anethum graveolens

- Severin, Henry H.P., 1929

Anthemis cotula

- Severin, Henry H.P., 1934

VIRUS

V. BEET CURLY TOP (cont.)

- Anthriscus cerefolium*
 - Severin, Henry H.P., 1929
- Apium graveolens* var. *dulce*
 - Severin, H.H.P., 1928, 1929
- Arctotis stoechadifolia*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Armoracia rusticana*
 - Severin, Henry H.P., 1929
- Atriplex argentea* subsp. *expansa*
 - Severin, Henry H.P., 1934
 - Severin, Henry H.P. and Charles F. Henderson, 1928
 - Severin, Henry H.P. and Byron R. Houston, 1945
- Atriplex argentea* var. *hillmanii*
 - Severin, Henry H.P., 1934
- Atriplex bracteosa*
 - Severin, Henry H.P., 1934
 - Severin, Henry H.P. and Charles F. Henderson, 1928
 - Severin, Henry H.P. and Byron R. Houston, 1945
- Atriplex cordulata*
 - Severin, Henry H.P., 1934
 - Severin, Henry H.P. and Charles F. Henderson, 1928
- Atriplex coronata*
 - Severin, Henry H.P., 1934
 - Severin, Henry H.P. and Charles F. Henderson, 1928
- Atriplex fruticulosa*
 - Severin, Henry H.P., 1934
 - Severin, Henry H.P. and Charles F. Henderson, 1928
- Atriplex hortensis* var. *rubra* *
 - Severin, Henry H.P., 1934
- Atriplex lentiformis*
 - Severin, Henry H.P., 1934
 - Severin, Henry H.P. and Charles F. Henderson, 1928
- Atriplex parishii*
 - Severin, Henry H.P., 1934
 - Severin, Henry H.P. and Charles F. Henderson, 1928
- Atriplex patula* var. *hastata*
 - Severin, Henry H.P., 1934
 - Severin, Henry H.P. and Charles F. Henderson, 1928
- Atriplex phyllostegia*
 - Severin, Henry H.P., 1934
 - Severin, Henry H.P. and Charles F. Henderson, 1928
- Atriplex rosea*
 - Severin, Henry H.P., 1934
 - Severin, Henry H.P. and Charles F. Henderson, 1928
- Atriplex semibaccata*
 - Severin, Henry H.P., 1934
 - Severin, Henry H.P. and Charles F. Henderson, 1928
- Atriplex tularensis*
 - Severin, Henry H.P., 1934
 - Severin, Henry H.P. and Charles F. Henderson, 1928
- Baeria uliginosa*
 - Severin, Henry H.P., 1934
- Barbarea vulgaris*
 - Severin, Henry H.P., 1929
- Bellis perennis*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Beta macrocarpa*
 - Bennett, C.W. and Aziz Tanrisever, 1957
 - Costa, A.S., 1952
 - Giddings, N.J., 1944
- Beta maritima*
 - Severin, Henry H.P. and Charles F. Henderson, 1928
- Beta patellaris*
 - Costa, A.S., 1952
 - Giddings, N.J., 1944
- Beta patula*
 - Costa, A.S., 1952
- Beta trigyna*
 - Giddings, N.J., 1944

VIRUS

V. BEET CURLY TOP (cont.)

- Beta vulgaris*
 - Bennett, C.W., 1934, 1937, 1944, 1951, 1955
 - Bennett, C.W., Eubanks Carsner, G.H. Coons and E.W. Brandes, 1946
 - Bennett, C.W. and A.S. Costa, 1949
 - Bennett, C.W. and Aziz Tanrisever, 1957
 - Carsner, E., 1919, 1926, 1938
 - Carsner, Eubanks and C.F. Stahl, 1924
 - Costa, A.S., 1952
 - Esau, Katherine, 1930
 - Fawcett, G.L., 1927
 - Giddings, N.J., 1938, 1940, 1941, 1944, 1946, 1952, 1954
 - Johnson, Folke, 1941
 - Jones, Leon K., 1931
 - Lackey, C.F., 1932, 1937, 1941, 1942, 1951
 - Menzies, J.D. and N.J. Giddings, 1953
 - Mumford, Edward Philpott, 1930
 - Owen, F.V., Albert M. Murphy and Bion Tolman, 1942
 - Severin, Henry H.P. and Charles F. Henderson, 1928
 - Severin, Henry H.P. and Byron R. Houston, 1945
 - Smith, R.E. and P.A. Boncquet, 1915
 - Thornberry, H.H. and R.M. Takeshita, 1954
- Beta vulgaris* var. *cicla*
 - Bennett, C.W., Eubanks Carsner, F.H. Coons and E.W. Brandes, 1946
 - Severin, Henry H.P. and Charles F. Henderson, 1928
- Beta vulgaris* var. *macrorhiza* *
 - Bennett, C.W., Eubanks Carsner, G.H. Coons and E.W. Brandes, 1946
 - Severin, Henry H.P. and Charles F. Henderson, 1928
- Borago officinalis*
 - Severin, Henry H.P., 1929
- Brachycome iberidifolia*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Brassica hirta* (*Brassica alba*)
 - Severin, Henry H.P., 1929
- Brassica kaber* (*Brassica arvensis*)
 - Severin, Henry H.P., 1929, 1934
- Brassica oleracea* var. *acephala*
 - Severin, Henry H.P., 1929
- Brassica oleracea* var. *botrytis*
 - Severin, Henry H.P., 1929
- Brassica oleracea* var. *capitata*
 - Severin, Henry H.P., 1929
- Brassica pekinensis*
 - Costa, A.S., 1952
- Brassica rapa*
 - Severin, Henry H.P., 1929
- Browallia speciosa*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Calandrinia grandiflora*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Calandrinia menziesii*
 - Carsner, Eubanks and C.F. Stahl, 1924
- Calendula officinalis*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Capsella bursa-pastoris*
 - Severin, Henry H.P., 1929, 1934
- Capsicum frutescens* (*Capsicum annuum*)
 - Costa, A.S., 1952
 - Kendrick, J.B., Jr., L.D. Anderson and R.C. Dickson, 1951
 - Severin, Henry H.P., 1929
- Capsicum frutescens* var. *grossum*
 - Costa, A.S., 1952
- Cardiospermum halicacabum*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Celosia argentea*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Celosia argentea* var. *cristata*
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Severin, Henry H.P. and Julius H. Freitag, 1934
- Centaurea americana*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Centauraea cyanus*
 - Freitag, Julius H. and Henry H.P. Severin, 1936

- VIRUS**
- V. BEET CURLY TOP (cont.)**
- Centaurea moschata*
Freitag, Julius H. and Henry H. P. Severin, 1936
 - Chenopodium album*
Bennett, C. W. and Aziz Tanrisever, 1957
Carsner, E., 1919
Lackey, C. F., 1929
Severin, Henry H. P., 1934
Severin, Henry H. P. and Charles F. Henderson, 1928
 - Chenopodium album var. viride*
Lackey, C. F., 1929
 - Chenopodium amaranticolor*
Bennett, C. W. and Aziz Tanrisever, 1957
 - Chenopodium ambrosioides*
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
Severin, Henry H. P., 1934
Severin, Henry H. P. and Charles F. Henderson, 1928
 - Chenopodium californicum*
Severin, Henry H. P., 1934
Severin, Henry H. P. and Charles F. Henderson, 1928
 - Chenopodium leptophyllum*
Severin, Henry H. P., 1934
Severin, Henry H. P. and Charles F. Henderson, 1928
 - Chenopodium murale*
Bennett, C. W. and Aziz Tanrisever, 1957
Carsner, E., 1925
Carsner, E. and C. F. Stahl, 1924
Giddings, N. J., 1944
Lackey, C. F., 1932, 1937
Severin, Henry H. P., 1934
Severin, Henry H. P. and Charles F. Henderson, 1928
 - Chrysanthemum coronarium*
Freitag, Julius H. and Henry H. P. Severin, 1936
 - Chrysanthemum frutescens*
Freitag, Julius H. and Henry H. P. Severin, 1936
 - Chrysanthemum parthenium*
Freitag, Julius H. and Henry H. P. Severin, 1936
 - Cicer arietinum*
Severin, Henry H. P. and Charles F. Henderson, 1928
 - Citrullus vulgaris*
Lackey, C. F., 1929
Severin, Henry H. P. and Charles F. Henderson, 1928
 - Citrullus vulgaris var. citroides*
Severin, Henry H. P. and Charles F. Henderson, 1928
 - Clarkia elegans*
Freitag, Julius H. and Henry H. P. Severin, 1936
 - Cleome spinosa*
Freitag, Julius H. and Henry H. P. Severin, 1936
 - Cobaea scandens*
Freitag, Julius H. and Henry H. P. Severin, 1936
 - Coreopsis tinctoria*
Freitag, Julius H. and Henry H. P. Severin, 1936
Severin, Henry H. P. and Julius H. Freitag, 1934
 - Coriandrum sativum*
Severin, Henry H. P., 1929
 - Cosmos bipinnatus*
Freitag, Julius H. and Henry H. P. Severin, 1936
Severin, Henry H. P. and Julius H. Freitag, 1934
 - Cosmos hybridus*
Freitag, Julius H. and Henry H. P. Severin, 1936
 - Cucumis anguria*
Severin, Henry H. P. and Charles F. Henderson, 1928
 - Cucumis melo*
Giddings, N. J., 1948
 - Cucumis melo var. cantalupensis*
Severin, Henry H. P. and Charles F. Henderson, 1928
 - Cucumis melo var. inodorus*
Severin, Henry H. P. and Charles F. Henderson, 1928
 - Cucumis melo var. reticulatus*
Severin, Henry H. P. and Charles F. Henderson, 1928

VIRUS

V. BEET CURLY TOP (cont.)

 - Cucumis sativus*
Severin, Henry H. P. and Charles F. Henderson, 1928
 - Cucurbita maxima*
Bennett, C. W., 1934
Dana, B. F., 1938
Lackey, C. F., 1929
McKay, M. B. and T. P. Dykstra, 1927
Severin, Henry H. P. and Charles F. Henderson, 1928
 - Cucurbita moschata*
Dana, B. F., 1941
Severin, Henry H. P. and Charles F. Henderson, 1928
 - Cucurbita pepo*
Dana, B. F., 1941
Severin, Henry H. P. and Charles F. Henderson, 1928
 - Cucurbita pepo var. ovifera*
Freitag, Julius H. and Henry H. P. Severin, 1936
 - Cymbalaria muralis*
Freitag, Julius H. and Henry H. P. Severin, 1936
 - Cynoglossum amabile*
Freitag, Julius H. and Henry H. P. Severin, 1936
 - Datura stramonium*
Adsuar, J., 1955
Bennett, C. W. and A. S. Costa, 1949
Bennett, C. W. and Aziz Tanrisever, 1957
Costa, A. S., 1952
Fulton, Robert W., 1955
Giddings, N. J., 1944, 1954
Giddings, N. J., C. W. Bennett and A. L. Harrison, 1951
Severin, Henry H. P., 1929, 1934
 - Delphinium nudicaule*
Freitag, Julius H. and Henry H. P. Severin, 1936
Severin, Henry H. P., 1942
 - Delphinium spp.*
Severin, Henry H. P., 1942
 - Dianthus barbatus*
Freitag, Julius H. and Henry H. P. Severin, 1936
 - Dianthus caryophyllus*
Freitag, Julius H. and Henry H. P. Severin, 1936
Severin, Henry H. P. and Julius H. Freitag, 1934
 - Dianthus chinensis*
Freitag, Julius H. and Henry H. P. Severin, 1936
 - Dianthus chinensis var. hedewigii*
Freitag, Julius H. and Henry H. P. Severin, 1936
 - Dianthus plumarius*
Freitag, Julius H. and Henry H. P. Severin, 1936
Severin, Henry H. P., 1939
Severin, Henry H. P. and Julius H. Freitag, 1934
 - Digitalis ambigua*
Freitag, Julius H. and Henry H. P. Severin, 1936
 - Dimorphotheca aurantiaca*
Freitag, Julius H. and Henry H. P. Severin, 1936
 - Erodium botrys*
Severin, Henry H. P., 1934
 - Erodium cicutarium*
Carsner, E., 1919
Carsner, Eubanks and C. F. Stahl, 1924
Giddings, N. J., 1944
Lackey, C. F., 1937
Severin, Henry H. P., 1934
 - Erodium macrophyllum*
Severin, Henry H. P., 1934
 - Erodium moschatum*
Carsner, E., 1919
Severin, Henry H. P., 1934
 - Erysimum repandum*
Giddings, N. J., 1944
 - Eschscholtzia californica*
Giddings, N. J., 1944
 - Euphorbia marginata*
Freitag, Julius H. and Henry H. P. Severin, 1936
 - Euphorbia peplus*
Severin, Henry H. P., 1934
 - Euphorbia prunifolia*
Bennett, C. W. and A. S. Costa, 1949
Costa, A. S., 1952
 - Fagopyrum esculentum*
Bennett, C. W. and A. S. Costa, 1949

VIRUS

V. BEET CURLY TOP (cont.)

- Fagopyrum esculentum*
 - Carsner, E., 1919
 - Costa, A.S., 1952
 - Severin, Henry H.P., 1929
- Foeniculum vulgare* var. *dulce*
 - Severin, Henry H.P., 1929
- Gnaphalium chilense*
 - Severin, Henry H.P., 1934
- Gomphrena globosa*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Gypsophila paniculata*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Helianthus debilis*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Helianthus decapetalus* var. *multiflorus*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Helichrysum bracteatum*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
 - Severin, Henry H.P. and Julius H. Freitag, 1934
- Heliotropium peruvianum*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Helipterum roseum*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Hesperis matronalis*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Hibiscus esculentus*
 - Severin, Henry H.P., 1929
- Humulus japonicus*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Iberis umbellata*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Ipomoea setosa*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Kochia scoparia* var. *trichophylla*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
 - Severin, Henry H.P. and Julius H. Freitag, 1934
- Lactuca sativa*
 - Giddings, N.J., 1944
- Lagenaria siceraria* (*Lagenaria leucantha*)
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Lathyrus odoratus*
 - Giddings, N.J., 1944
- Lavatera trimestris*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Lepidium lasiocarpum*
 - Giddings, N.J., 1944
- Lepidium nitidum*
 - Giddings, N.J., 1938, 1944
 - Lackey, C.F., 1937
 - Severin, Henry H.P., 1934
- Limonium sinuatum*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Linum flavum*
 - Giddings, N.J., 1947, 1948
- Linum grandiflorum* var. *rubrum* *
 - Giddings, N.J., 1947, 1948
- Linum lewisii*
 - Bennett, C.W. and A.S. Costa, 1949
 - Giddings, N.J., 1947, 1948
- Linum perenne*
 - Giddings, N.J., 1947, 1948
- Linum usitatissimum*
 - Atkins, I.M., M.C. Futrell and O.G. Merkle, 1957
 - Bennett, C.W. and A.S. Costa, 1949
 - Giddings, N.J., 1948
 - Severin, Henry H.P., 1929
 - Severin, Henry H.P. and Byron R. Houston, 1945
- Lobelia cardinalis*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Lobelia erinus* var. *speciosa* *
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Lotus americanus*
 - Severin, Henry H.P., 1934
- Lotus strigosus*
 - Severin, Henry H.P., 1934
- Luffa aegyptiaca* (*Luffa cylindrica*)
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Lunaria annua*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Lychmis chalcedonica*
 - Freitag, Julius H. and Henry H.P. Severin, 1936

VIRUS

V. BEET CURLY TOP (cont.)

- Lychnis haageana*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Lycopersicon esculentum*
 - Adsuar, J., 1955
 - Bennett, C.W., 1944, 1951
 - Bennett, C.W. and A.S. Costa, 1949
 - Bennett, C.W. and Aziz Tanrisever, 1957
 - Carsner, Eubanks and C.F. Stahl, 1924
 - Costa, A.S., 1952
 - Fulton, Robert W., 1955
 - Giddings, N.J., 1938, 1944, 1952, 1954
 - Giddings, N.J., C.W. Bennett and A.L. Harrison, 1951
 - Lackey, C.F., 1929
 - Lesley, J.W., 1931
 - Lesley, J.W. and J.M. Wallace, 1938
 - McKay, M.B. and T.P. Dykstra, 1927
 - Menzies, J.D. and N.J. Giddings, 1952, 1953
 - Severin, Henry H.P., 1928
 - Shapovalov, M., 1927, 1931
 - Virgin, Walter J., 1940
 - Wallace, J.M. and J.W. Lesley, 1944
 - Watson, R.D. and J.E. Kraus, 1949
- Lycopersicon hirsutum*
 - Giddings, N.J., C.W. Bennett and A.L. Harrison, 1951
- Lycopersicon pimpinellifolium*
 - Costa, A.S., 1952
 - Lesley, J.W. and J.M. Wallace, 1938
- Malcolmia maritima*
 - Giddings, N.J., 1944
- Malva parviflora*
 - Bennett, C.W. and Aziz Tanrisever, 1957
 - Carsner, E., 1919
 - Severin, Henry H.P., 1929, 1934
- Malva rotundifolia*
 - Severin, Henry H.P., 1929, 1934
- Matricaria inodora*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Matthiola incana*
 - Severin, Henry H.P. and Julius H. Freitag, 1934
- Matthiola incana* var. *annua*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
 - Severin, Henry H.P. and Julius H. Freitag, 1934
- Medicago hispida*
 - Carsner, E., 1919
 - Giddings, N.J., 1944
 - Severin, Henry H.P., 1934
 - Severin, Henry H.P. and Charles F. Henderson, 1928
- Medicago sativa*
 - Severin, Henry H.P. and Charles F. Henderson, 1928
- Melilotus alba*
 - Severin, Henry H.P. and Charles F. Henderson, 1928
- Melilotus indica*
 - Giddings, N.J., 1944
 - Severin, Henry H.P. and Charles F. Henderson, 1928
- Microseris douglasii*
 - Severin, Henry H.P., 1934
- Mimulus luteus*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Mirabilis jalapa*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
 - Severin, Henry H.P. and Julius H. Freitag, 1934
- Modiola caroliniana*
 - Severin, Henry H.P., 1934, 1939
- Monolepsis nuttalliana*
 - Severin, Henry H.P., 1934
- Myosotis scorpioides*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Nemesia strumosa*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Nemopeltis maculata*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
 - Giddings, N.J., 1944
- Nicotiana alata* var. *grandiflora*
 - Freitag, Julius H. and Henry H.P. Severin, 1936
- Nicotiana glauca*
 - Bennett, C.W., 1934, 1937

VIRUS

V. BEET CURLY TOP (cont.)

- Nicotiana glauca*
 Bennett, C. W. and Aziz Tanrisever, 1957
 Costa, A. S., 1952
 Giddings, N. J., 1944
 Severin, Henry H. P., 1934, 1939
- Nicotiana glutinosa*
 Bennett, C. W. and A. S. Costa, 1949
 Bennett, C. W. and Aziz Tanrisever, 1957
 Costa, A. S., 1952
 Fulton, Robert W., 1955
 Giddings, N. J., 1944, 1947, 1954
- Nicotiana rustica*
 Fulton, Robert W., 1955
 Lackey, C. F., 1929
 Severin, Henry H. P., 1929
- Nicotiana tabacum*
 Bennett, C. W., 1934, 1937, 1944, 1951
 Bennett, C. W. and A. S. Costa, 1949
 Bennett, C. W. and Aziz Tanrisever, 1957
 Costa, A. S., 1952
 Fulton, Robert W., 1955
 Giddings, N. J., 1938, 1944, 1947, 1954
 Lackey, C. F., 1941
 Price, W. C., 1943
 Severin, Henry H. P., 1929
- Nigella damascena*
 Freitag, Julius H. and Henry H. P. Severin, 1936
- Nitrophila occidentalis*
 Severin, Henry H. P. and Charles F. Henderson, 1928
- Oxalis corniculata*
 Severin, Henry H. P., 1934
- Oxalis corniculata* var. *atropurpurea*
 Severin, Henry H. P., 1934
- Oxalis* spp.
 Bennett, C. W. and A. S. Costa, 1949
- Oxalis stricta*
 Starrett, Ruth C., 1929
- Papaver nudicaule*
 Freitag, Julius H. and Henry H. P. Severin, 1936
- Papaver orientale*
 Freitag, Julius H. and Henry H. P. Severin, 1936
- Pelargonium hortorum* (X *P. zonale*)
 Freitag, Julius H. and Henry H. P. Severin, 1936
 Severin, Henry H. P., 1939
- Petroselinum hortense*
 Severin, Henry H. P., 1929
- Petunia hybrida*
 Bennett, C. W., Eubanks Carsner, F. H. Coons and E. W. Brandes, 1946
 Bennett, C. W. and Aziz Tanrisever, 1957
 Costa, A. S., 1952
 Freitag, Julius H. and Henry H. P. Severin, 1936
 Fulton, Robert W., 1955
 Severin, Henry H. P. and Julius H. Freitag, 1934
- Phacelia ramosissima*
 Severin, Henry H. P., 1934, 1939
- Phaseolus lunatus*
 Severin, Henry H. P. and Charles F. Henderson, 1928
- Phaseolus vulgaris*
 Bennett, C. W., 1934
 Carsner, E., 1925, 1926
 Dana, B. F., 1940
 Dean, Leslie L. and C. W. Hungerford, 1954
 Giddings, N. J., 1938, 1944
 Lackey, C. F., 1942
 Mackie, W. W. and Katherine Esau, 1932
 Murphy, Donald M., 1940
 Pierce, W. H., 1937
 Severin, Henry H. P. and Charles F. Henderson, 1928
- Phlox drummondii*
 Freitag, Julius H. and Henry H. P. Severin, 1936
- Phyllanthus corcovadensis*
 Bennett, C. W. and A. S. Costa, 1949
- Physalis* spp.
 Bennett, C. W., Eubanks Carsner, F. H. Coons and E. W. Brandes, 1946
- Physalis wrightii*
 Severin, Henry H. P., 1929, 1934

VIRUS

V. BEET CURLY TOP (cont.)

- Plantago erecta*
 Giddings, N. J., 1938, 1944
 Severin, Henry H. P., 1934
- Plantago major*
 Giddings, N. J., 1944
 Severin, Henry H. P., 1934
- Polygonum amphibian* var. *hartwrightii*
 Severin, Henry H. P., 1929, 1934
- Polygonum aviculare*
 Carsner, E., 1919
 Severin, Henry H. P., 1929, 1934
- Polygonum lapathifolium*
 Severin, Henry H. P., 1929, 1934
- Polygonum muhlenbergii*
 Severin, Henry H. P., 1929, 1934
- Polygonum persicaria*
 Severin, Henry H. P., 1929, 1934
- Portulaca grandiflora*
 Freitag, Julius H. and Henry H. P. Severin, 1936
- Portulaca oleracea*
 Severin, Henry H. P., 1934
- Primula elatior*
 Freitag, Julius H. and Henry H. P. Severin, 1936
- Primula obconica*
 Freitag, Julius H. and Henry H. P. Severin, 1936
- Primula saxatalis*
 Freitag, Julius H. and Henry H. P. Severin, 1936
- Primula veris*
 Freitag, Julius H. and Henry H. P. Severin, 1936
- Quamoclit lobata*
 Freitag, Julius H. and Henry H. P. Severin, 1936
- Raphanus sativus*
 Severin, Henry H. P., 1929, 1934
- Reseda odorata*
 Freitag, Julius H. and Henry H. P. Severin, 1936
- Rheum rhaboticum*
 Severin, Henry H. P., 1929
- Rumex crispus*
 Carsner, E., 1925
 Severin, Henry H. P., 1929, 1934
- Rumex scutatus*
 Severin, Henry H. P., 1929
- Salpiglossis sinuata*
 Freitag, Julius H. and Henry H. P. Severin, 1936
- Salsola kali* var. *tenuifolia*
 Carsner, E., 1919
 Severin, Henry H. P., 1934
- Severin, Henry H. P. and Charles F. Henderson, 1928*
- Severin, Henry H. P. and Byron R. Houston, 1945*
- Salvia splendens*
 Freitag, Julius H. and Henry H. P. Severin, 1936
- Samolus floribundus*
 Costa, A. S., 1952
- Samolus parviflorus*
 Bennett, C. W., 1952, 1955
 Giddings, N. J., 1944
- Scabiosa atropurpurea*
 Severin, Henry H. P. and Julius H. Freitag, 1934
- Schizanthus wisetonensis*
 Freitag, Julius H. and Henry H. P. Severin, 1936
- Senecio vulgaris*
 Severin, Henry H. P., 1934
- Silene pendula*
 Freitag, Julius H. and Henry H. P. Severin, 1936
- Solanum andigenum* * or *Solanum tuberosum*
 Watson, R. D. and T. E. Randall, 1951
- Solanum antipoviczii*
 Watson, R. D. and T. E. Randall, 1951
- Solanum antipoviczii* or *Solanum neo-antipoviczii*
 Watson, R. D. and T. E. Randall, 1951
- Solanum demissum*
 Watson, R. D. and T. E. Randall, 1951
- Solanum douglasii*
 Severin, Henry H. P., 1934
- Solanum nigrum*
 Costa, A. S., 1952
- Solanum nigrum* var. *douglassii* *
- Severin, Henry H. P., 1929
- Solanum polyadenium*
 Watson, R. D. and T. E. Randall, 1951

VIRUS

V. BEET CURLY TOP (cont.)

- Solanum simplicifolium*
Watson, R. D. and T. E. Randall, 1951
- Solanum spp.*
Watson, R. D. and T. E. Randall, 1951
- Solanum tuberosum*
Giddings, N. J., 1944, 1947, 1952, 1953, 1954
Jones, Leon K., C. L. Vincent and Earl F. Burk, 1940
Menzies, J. D. and N. J. Giddings, 1952, 1953
Milbrath, J. A., 1946
Severin, Henry H. P., 1929
- Sonchus asper*
Severin, Henry H. P., 1934
- Sonchus oleraceus*
Severin, Henry H. P., 1934
- Spinacia oleracea*
Carsner, E., 1919
Costa, A. S., 1952
Giddings, N. J., 1944
Lackey, C. F., 1929
Severin, H. H. P., 1928
Severin, Henry H. P. and Charles F. Henderson, 1928
- Stellaria media*
Bennett, C. W., Eubanks Carsner, F. H. Coons and E. W. Brandes, 1946
Bennett, C. W. and A. S. Costa, 1949
Bennett, C. W. and Aziz Tanrisever, 1957
Carsner, E., 1919
Carsner, Eubanks and C. F. Stahl, 1924
Costa, A. S., 1952
Lackey, C. F., 1932, 1937
Severin, Henry H. P., 1934
- Suaeda moquinii*
Carsner, E., 1925
Severin, Henry H. P., 1939
- Tagetes erecta*
Freitag, Julius H. and Henry H. P. Severin, 1936
- Tagetes patula*
Freitag, Julius H. and Henry H. P. Severin, 1936
- Thelypodium lasiophyllum*
Severin, Henry H. P., 1934
- Thunbergia alata*
Freitag, Julius H. and Henry H. P. Severin, 1936
- Trachymene caerulea*
Freitag, Julius H. and Henry H. P. Severin, 1936
- Trichosanthes anguina*
Freitag, Julius H. and Henry H. P. Severin, 1936
- Trifolium hybridum*
Giddings, N. J., 1944
Severin, Henry H. P. and Charles F. Henderson, 1928
- Trifolium incarnatum*
Giddings, N. J., 1944
Severin, Henry H. P. and Charles F. Henderson, 1928
- Trifolium pratense*
Severin, Henry H. P. and Charles F. Henderson, 1928
- Trifolium pratense var. perenne*
Severin, Henry H. P. and Charles F. Henderson, 1928
- Trifolium repens*
Giddings, N. J., 1944
Severin, Henry H. P. and Charles F. Henderson, 1928
- Tropaeolum majus*
Severin, Henry H. P. and Julius H. Freitag, 1934
- Tropaeolum peregrinum*
Freitag, Julius H. and Henry H. P. Severin, 1936
- Urtica urens*
Carsner, E., 1919
Severin, Henry H. P., 1934
- Valerianella olitoria*
Severin, Henry H. P., 1929
- Vicia atropurpurea*
Severin, Henry H. P. and Charles F. Henderson, 1928
- Vicia faba*
Severin, Henry H. P. and Charles F. Henderson, 1928

VIRUS

V. BEET CURLY TOP (cont.)

- Vicia sativa*
Severin, Henry H. P. and Charles F. Henderson, 1928
- Vicia villosa*
Severin, Henry H. P. and Charles F. Henderson, 1928
- Vigna sinensis*
Severin, Henry H. P. and Charles F. Henderson, 1928
- Vinca rosea*
Freitag, Julius H. and Henry H. P. Severin, 1936
- Viola cornuta*
Freitag, Julius H. and Henry H. P. Severin, 1936
Severin, Henry H. P. and Julius H. Freitag, 1934
- Viola tricolor*
Dana, B. F. and F. P. McWhorter, 1935
- Viola tricolor var. hortensis*
Severin, Henry H. P. and Julius H. Freitag, 1934
- Xanthium spinosum*
Severin, Henry H. P., 1934
- Zinnia elegans*
Bennett, C. W., Eubanks Carsner, F. H. Coons and E. W. Brandes, 1946
Bennett, C. W. and A. S. Costa, 1949
Bennett, C. W. and Aziz Tanrisever, 1957
Freitag, Julius H. and Henry H. P. Severin, 1936
Severin, Henry H. P., 1934
Severin, Henry H. P. and Julius H. Freitag, 1934
- Zinnia haageana*
Freitag, Julius H. and Henry H. P. Severin, 1936
Severin, Henry H. P., 1934
- V. BEET LEAF CURL ((Wille 1928))**
- Ambrosia artemisiifolia*
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- Beta vulgaris*
Boncquet, P. A., 1923
Coons, G. H., J. E. Kotila and D. Stewart, 1937
Hildebrand, A. A. and L. W. Koch, 1942
Severin, H. H. P., 1924
- Chenopodium album*
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- Phaseolus vulgaris*
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- Spinacia oleracea*
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- V. BEET MOSAIC Robbins 1921; Hoggan 1933**
- Amaranthus caudatus*
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- Amaranthus retroflexus*
Bennett, C. W., 1949
Pound, Glenn S., 1947
- Aster amellus*
Pound, Glenn S., 1947
- Atriplex bracteosa*
Severin, Henry H. P. and Roger M. Drake, 1947
- Atriplex hortensis*
Pound, Glenn S., 1947
- Atriplex patula var. hastata*
Severin, Henry H. P. and Roger M. Drake, 1947
- Atriplex rosea*
Severin, Henry H. P. and Roger M. Drake, 1947
- Beta maritima*
Severin, Henry H. P. and Roger M. Drake, 1948
- Beta patellaris*
Bennett, C. W., 1949
- Beta vulgaris*
Bawden, F. C., Brenda M. G. Hamlyn and Marion A. Watson, 1954
Bennett, C. W., 1944
Doncaster, J. P. and B. Kassanis, 1946
Hale, J. B., M. A. Watson and R. Hull, 1946
Hoggan, I. A., 1933
Jones, Leon K., 1931
McLean, D. M., 1952
Pound, Glenn S., 1947
Robbins, W. W., 1921
Severin, Henry H. P. and Roger M. Drake, 1948
Sylvester, E. S., 1947, 1949, 1950, 1952
Watson, Marion A., R. Hull, J. W. Blencowe and Brenda M. G. Hamlyn, 1951

VIRUS

V. BEET MOSAIC (cont.)

- Beta vulgaris* var. *cicla*
McLean, D.M., 1952
Pound, Glenn S., 1947
Severin, Henry H.P. and Roger M. Drake, 1948
Beta vulgaris var. *macrorhiza**
Severin, Henry H.P. and Roger M. Drake, 1948
Browallia speciosa
Bennett, C.W., 1949
Capsella bursa-pastoris
Pound, Glenn S., 1947
Chenopodium album
Pound, Glenn S., 1947
Severin, Henry H.P. and Roger M. Drake, 1947
Chenopodium amaranticolor
Hollings, M., 1957
Chenopodium murale
Severin, Henry H.P. and Roger M. Drake, 1947
Iodanthus pinnatifidus
Pound, Glenn S., 1947
Kochia scoparia var. *trichophylla*
Severin, Henry H.P. and Roger M. Drake, 1948
Melilotus indica
Bennett, C.W., 1949
Nicotiana clevelandi
Bennett, C.W., 1949
Nicotiana multivalvis
Bennett, C.W., 1949
Nicotiana quadrivalvis
Bennett, C.W., 1949
Nicotiana tabacum
Hoggan, Isme A., 1934
Severin, Henry H.P. and Roger M. Drake, 1948
Phacelia campanularia
Bennett, C.W., 1949
Pisum sativum
Bennett, C.W., 1949
Salsola kali var. *tenuifolia*
Severin, Henry H.P. and Roger M. Drake, 1947
Samolus parviflorus
Bennett, C.W., 1949
Sonchus arvensis
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Spinacia oleracea
Hoggan, I.A., 1933
McLean, D.M., 1952
Pound, Glenn S., 1947
Severin, Henry H.P., 1948
Severin, Henry H.P. and Roger M. Drake, 1948
Stellaria media
Pound, Glenn S., 1947
Tetragonia expansa
Pound, Glenn S., 1947
Severin, Henry H.P. and Roger M. Drake, 1948
Trifolium incarnatum
Bennett, C.W., 1949
Verbena hybrida
Pound, Glenn S., 1947
Viola tricolor var. *hortensis*
Pound, Glenn S., 1947
Zinnia elegans
McLean, D.M., 1952
Pound, Glenn S., 1947

V. BEET RING SPOT *

- Avena sativa*
Harrison, B.D., 1957
Beta vulgaris
Harrison, B.D., 1957
Brassica campestris var. *napobrassica*
Harrison, B.D., 1957
Brassica rapa
Harrison, B.D., 1957
Capsella bursa-pastoris
Harrison, B.D., 1957
Chenopodium amaranticolor
Harrison, B.D., 1957
Cucumis sativus
Harrison, B.D., 1957
Datura stramonium
Harrison, B.D., 1957
Fragaria vesca
Harrison, B.D., 1957

VIRUS

- V. BEET RING SPOT * (cont.)
- Heracleum sphondylium*
Harrison, B.D., 1957
Lycopersicon esculentum
Harrison, B.D., 1957
Lycopsis arvensis
Harrison, B.D., 1957
Myosotis arvensis
Harrison, B.D., 1957
Nicotiana glutinosa
Harrison, B.D., 1957
Nicotiana rustica
Harrison, B.D., 1957
Nicotiana tabacum
Harrison, B.D., 1957
Petunia hybrida
Harrison, B.D., 1957
Phaseolus vulgaris
Harrison, B.D., 1957
Polygonum aviculare
Harrison, B.D., 1957
Polygonum convolvulus
Harrison, B.D., 1957
Polygonum persicaria
Harrison, B.D., 1957
Senecio vulgaris
Harrison, B.D., 1957
Solanum tuberosum
Harrison, B.D., 1957
Sonchus asper
Harrison, B.D., 1957
Stellaria media
Harrison, B.D., 1957
Taraxacum officinale
Harrison, B.D., 1957
Triticum aestivum
Harrison, B.D., 1957
Tussilago farfara
Harrison, B.D., 1957
Urtica urens
Harrison, B.D., 1957
Veronica persica
Harrison, B.D., 1957

V. BEET ROSETTE *

- Beta vulgaris*
Bennett, C.W. and James E. Duffus, 1957

V. BEET YELLOW NET Sylvester 1948

- Beta vulgaris*
Bennett, C.W., 1944, 1956
McLean, D.M., 1952
Sylvester, Edward S., 1948, 1949, 1950
Beta vulgaris var. *cicla*
McLean, D.M., 1952
Sylvester, Edward S., 1948

V. BEET YELLOW WILT Bennett and Munck 1946

- Beta vulgaris*
Bennett, C.W. and Carlos Munck, 1946
Beta vulgaris var. *cicla*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. BEET YELLOWS Watson 1942; Petherbridge and Stirrup 1935

- Achyranthes aspera*
Roland, G. and J. Tahon, 1961
Aizoon spp.
Roland, G. and J. Tahon, 1961
Amaranthus albus
Roland, G. and J. Tahon, 1961
Amaranthus aureus
Roland, G. and J. Tahon, 1961
Amaranthus caracu
Roland, G. and J. Tahon, 1961
Amaranthus carneus
Roland, G. and J. Tahon, 1961
Amaranthus caudatus
Roland, G. and J. Tahon, 1961
Amaranthus cruentus
Roland, G. and J. Tahon, 1961
Amaranthus deflexus
Roland, G. and J. Tahon, 1961

VIRUS

V. BEET YELLOWS (cont.)

- Amaranthus gangeticus*
 Roland, G. and J. Tahon, 1961
- Amaranthus gracizans*
 Roland, G. and J. Tahon, 1961
- Amaranthus palmeri*
 Roland, G. and J. Tahon, 1961
- Amaranthus paniculatus*
 Roland, G. and J. Tahon, 1961
- Amaranthus patulus*
 Roland, G. and J. Tahon, 1961
- Amaranthus retroflexus*
 Roland, G. and J. Tahon, 1961
- Atriplex bracteosa*
 Roland, G. and J. Tahon, 1961
- Atriplex canescens*
 Roland, G. and J. Tahon, 1961
- Atriplex coronata*
 Roland, G. and J. Tahon, 1961
- Atriplex coulteri*
 Roland, G. and J. Tahon, 1961
- Atriplex elegans*
 Roland, G. and J. Tahon, 1961
- Atriplex expansa*
 Roland, G. and J. Tahon, 1961
- Atriplex hortensis*
 Roland, G. and J. Tahon, 1961
- Atriplex microcarpa*
 Roland, G. and J. Tahon, 1961
- Atriplex nitens*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Roland, G. and J. Tahon, 1961
- Atriplex patula*
 Roland, G. and J. Tahon, 1961
- Atriplex patula* var. *hastata*
 Roland, G. and J. Tahon, 1961
- Atriplex rosea*
 Roland, G. and J. Tahon, 1961
- Atriplex semibaccatus*
 Roland, G. and J. Tahon, 1961
- Atriplex siberica*
 Roland, G. and J. Tahon, 1961
- Atriplex spongiosa*
 Roland, G. and J. Tahon, 1961
- Bassia hyssopifolia*
 Roland, G. and J. Tahon, 1961
- Beta atriplicifolia*
 Roland, G. and J. Tahon, 1961
- Beta cicla viridis* *
- Beta hybrida*
 Roland, G. and J. Tahon, 1961
- Beta lomatogona*
 Roland, G. and J. Tahon, 1961
- Beta macrocarpa*
 Costa, A.S. and C.W. Bennett, 1955
 Roland, G. and J. Tahon, 1961
- Beta maritima*
 Costa, A.S. and C.W. Bennett, 1955
 Roland, G. and J. Tahon, 1961
- Beta patellaris*
 Roland, G. and J. Tahon, 1961
- Beta patula*
 Roland, G. and J. Tahon, 1961
- Beta procumbens*
 Costa, A.S. and C.W. Bennett, 1955
 Roland, G. and J. Tahon, 1961
- Beta trigyna*
 Roland, G. and J. Tahon, 1961
- Beta vulgaris*
 Bawden, F.C., Brenda M.G. Hamlyn and Marion A. Watson, 1954
 Coons, G.H., 1952
 Costa, A.S. and C.W. Bennett, 1955
 Doncaster, J.P. and B. Kassanis, 1946
 Dufrenoy, Jean, 1940
 Hale, J.B., M.A. Watson and R. Hull, 1946
 Kassanis, B., 1949
 McLean, D.M., 1952, 1953
 Roland, G. and J. Tahon, 1961
 Watson, M.A., 1942
 Watson, Marion A., R. Hull, J.W. Blencowe and Brenda M.G. Hamlyn, 1951

VIRUS

V. BEET YELLOWS (cont.)

- Beta vulgaris*
 Watson, Marion A. and G.E. Russell, 1956
- Beta vulgaris* var. *cicla*
 McLean, D.M., 1953
- Beta webbiana*
 Roland, G. and J. Tahon, 1961
- Capsella bursa-pastoris*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Roland, G. and J. Tahon, 1961
- Celosia argentea*
 Roland, G. and J. Tahon, 1961
- Celosia argentea* var. *cristata*
 Roland, G. and J. Tahon, 1961
- Cerastium viscosum*
 Roland, G. and J. Tahon, 1961
- Chenopodium album*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Roland, G. and J. Tahon, 1961
- Chenopodium amaranticolor*
 Roland, G. and J. Tahon, 1961
- Chenopodium ambrosioides*
 Roland, G. and J. Tahon, 1961
- Chenopodium bonus henricus*
 Roland, G. and J. Tahon, 1961
- Chenopodium botrys*
 Roland, G. and J. Tahon, 1961
- Chenopodium capitatum*
 Roland, G. and J. Tahon, 1961
- Chenopodium ficifolium*
 Roland, G. and J. Tahon, 1961
- Chenopodium foliosum*
 Roland, G. and J. Tahon, 1961
- Chenopodium giganteum*
 Roland, G. and J. Tahon, 1961
- Chenopodium glaucum*
 Roland, G. and J. Tahon, 1961
- Chenopodium hybridum*
 Roland, G. and J. Tahon, 1961
- Chenopodium leptophyllum*
 Roland, G. and J. Tahon, 1961
- Chenopodium murale*
 Costa, A.S. and C.W. Bennett, 1955
 Roland, G. and J. Tahon, 1961
- Chenopodium opulifolium*
 Roland, G. and J. Tahon, 1961
- Chenopodium polyspermum*
 Roland, G. and J. Tahon, 1961
- Chenopodium quinoa*
 Roland, G. and J. Tahon, 1961
- Chenopodium rubrum*
 Roland, G. and J. Tahon, 1961
- Chenopodium spp.*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Chenopodium suecicum*
 Roland, G. and J. Tahon, 1961
- Chenopodium urbicum*
 Roland, G. and J. Tahon, 1961
- Chenopodium vulvaria foetidum* *
- Chenopodium watsonii*
 Roland, G. and J. Tahon, 1961
- Claytonia perfoliata*
 Roland, G. and J. Tahon, 1961
- Convolvulus occidentalis*
 Roland, G. and J. Tahon, 1961
- Convolvulus tricolor*
 Roland, G. and J. Tahon, 1961
- Cuscuta californica*
 Roland, G. and J. Tahon, 1961
- Cuscuta campestris*
 Roland, G. and J. Tahon, 1961
- Cuscuta gronovii*
 Roland, G. and J. Tahon, 1961
- Cycloloma atriplicifolium*
 Roland, G. and J. Tahon, 1961
- Dianthus deltoides*
 Roland, G. and J. Tahon, 1961
- Gomphrena globosa*
 Roland, G. and J. Tahon, 1961
- Gypsophila elegans*
 Roland, G. and J. Tahon, 1961

VIRUS

V. BEET YELLOW (cont.)

- Kochia childsi*
 Roland, G. and J. Tahon, 1961
Kochia scoparia
 Roland, G. and J. Tahon, 1961
Lycchnis coronaria
 Roland, G. and J. Tahon, 1961
Melilotus indica
 Roland, G. and J. Tahon, 1961
Mesembryanthemum crystallinum
 Roland, G. and J. Tahon, 1961
Monolepis nuttalliana
 Roland, G. and J. Tahon, 1961
Monolepis trifida
 Roland, G. and J. Tahon, 1961
Nicotiana bigelovii
 Roland, G. and J. Tahon, 1961
Nicotiana clevelandii
 Roland, G. and J. Tahon, 1961
Papaver dubium
 Roland, G. and J. Tahon, 1961
Papaver rhoes
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Roland, G. and J. Tahon, 1961
Pectocarya pusilla
 Roland, G. and J. Tahon, 1961
Plantago erecta
 Roland, T. and J. Tahon, 1961
Plantago insularis
 Roland, G. and J. Tahon, 1961
Plantago lanceolata
 Roland, G. and J. Tahon, 1961
Plantago major
 Roland, G. and J. Tahon, 1961
*Plantago rumosa **
 Roland, G. and J. Tahon, 1961
Polygonum convolvulus
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Roland, G. and J. Tahon, 1961
Polygonum persicaria
 Roland, G. and J. Tahon, 1961
Reseda odorata
 Roland, G. and J. Tahon, 1961
Rhagodia nutans
 Roland, G. and J. Tahon, 1961
Salsola kali
 Roland, G. and J. Tahon, 1961
Senecio vulgaris
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Roland, G. and J. Tahon, 1961
Silene armeria
 Roland, G. and J. Tahon, 1961
Silene gallica
 Roland, G. and J. Tahon, 1961
Spergula arvensis
 Roland, G. and J. Tahon, 1961
Spinacia oleracea
 Bennett, C.W. and A.S. Costa, 1949
 McLean, D.M., 1953
 Roland, G. and J. Tahon, 1961
Spinacia tetrandra
 Roland, G. and J. Tahon, 1961
Stellaria media
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Roland, G. and J. Tahon, 1961
Suaeda fruticosa
 Roland, G. and J. Tahon, 1961
Suaeda moquinii
 Roland, G. and J. Tahon, 1961
Suaeda splendens
 Roland, G. and J. Tahon, 1961
Tetragonia echinata
 Roland, G. and J. Tahon, 1961
Tetragonia expansa
 Roland, G. and J. Tahon, 1961
Thlaspi arvense
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Roland, G. and J. Tahon, 1961
Trianthema portulacastrum
 Roland, G. and J. Tahon, 1961

VIRUS

- V. BLACKBERRY DWARF Zeller 1927
 Rubus fruticosus
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Rubus loganobaccus
 Zeller, S.M., 1925
 Rubus spp.
 Zeller, S.M., 1927
- V. BLACKBERRY DWARFING Wilhelm et al. 1948
 Rubus allegheniensis
 Wilhelm, Stephen, H.E. Thomas and D.D. Jensen, 1948
 Rubus ursinus
 Wilhelm, Stephen, H.E. Thomas and D.D. Jensen, 1948
- V. BLACKBERRY VARIEGATION Horn 1948
 Rubus allegheniensis
 Horn, Norman L., 1948
 Rubus idaeus
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Rubus occidentalis
 Horn, Norman L., 1948
- V. BLACK Currant REVERSION ((Lees 1920; Amos and Hatton 1927)) Amos et al. 1928
 Ribes nigrum
 Lees, A.H., 1925
- V. BLACK Currant VEIN PATTERN Posnette 1952
 Ribes nigrum
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. BLACK RASPBERRY NECROSIS Stace-Smith 1955
 Rubus albescens
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Rubus henryi
 Cadman, C.H., 1951
 Rubus idaeus
 Cadman, C.H., 1951, 1954
 Rubus idaeus var. *strigosus*
 Bennett, C.W., 1927, 1932
 Schwartzze, C.D. and Glenn A. Huber, 1939
 Wilcox, R.B. and F.F. Smith, 1924
 Rubus laciniatus
 Bennett, C.W., 1932
 Rubus macropetalus
 Bennett, C.W., 1932
 Rubus neglectus
 Bennett, C.W., 1927, 1932
 Cooley, L.M., 1936
 Rubus occidentalis
 Bennett, C.W., 1927, 1932
 Cadman, C.H., 1951, 1954
 Cooley, L.M., 1936
 Rankin, W.H., 1930, 1931
 Wilcox, R.B. and F.F. Smith, 1924
 Rubus procerus
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Rubus saxatilis
 Cadman, C.H., 1951
 Rubus strigosus
 Huber, Glenn A. and C.D. Schwartzze, 1938
- V. BROAD BEAN MOTTLE Bawden et al. 1951
 Chenopodium amaranticolor
 Hollings, M., 1957
 Glycine max
 Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
 Lathyrus odoratus
 Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
 Yu, T.F., 1939
 Medicago sativa
 Yu, T.F., 1939
 Melilotus alba
 Yu, T.F., 1939
 Phaseolus vulgaris
 Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951

VIRUS

V. BROAD BEAN MOTTLE (cont.)

- Pisum sativum*
Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
Pisum sativum var. *arvense*
Yu, T.F., 1939
Trifolium incarnatum
Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
Trifolium pratense
Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
Yu, T.F., 1939
Trifolium repens
Yu, T.F., 1939
Trifolium subterraneum
Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
Vicia faba
Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
Yu, T.F., 1939
Vicia sativa
Yu, T.F., 1939
Vicia tetrasperma
Yu, T.F., 1939
Vicia villosa
Yu, T.F., 1939
- V. BROME MOSAIC McKinney 1944
- Agropyron hybrid*
Sill, W.H., Jr., 1956
Avena byzantina
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Avena sativa
McKinney, H.H., 1944, 1953
McKinney, H.H., H. Fellows and C.O. Johnston, 1942
Beta vulgaris
McKinney, H.H., 1953
Beta vulgaris var. *cicla*
McKinney, H.H., 1953
Bromus inermis
McKinney, H.H., 1953
McKinney, H.H., H. Fellows and C.O. Johnston, 1942
Chenopodium album
McKinney, H.H., 1953
Cucumis sativus
McKinney, H.H., 1944, 1953
Digitaria ischaemum
McKinney, H.H., 1953
Euchlaena mexicana
McKinney, H.H., 1944
Euchlaena perennis
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Hordeum vulgare
McKinney, H.H., 1944, 1953, 1956
Nicotiana tabacum
McKinney, H.H., 1944, 1953
Oryza sativa
Kahn, Robert P. and Ottie J. Dickerson, 1957
Phaseolus vulgaris
McKinney, H.H., 1944, 1953
Secale cereale
McKinney, H.H., 1944
Sorghum halepense
McKinney, H.H., 1944
Sorghum vulgare
McKinney, H.H., 1944
Sorghum vulgare var. *sudanense*
McKinney, H.H., 1944
Triticum aestivum
Lal, S.B. and W.H. Sill, Jr., 1957
McKinney, H.H., 1944, 1953, 1956
McKinney, H.H., H. Fellows and C.O. Johnston, 1942
Zea mays
McKinney, H.H., 1944
Sill, W.H., Jr., 1956
Zea mays var. *saccharata*
McKinney, H.H., 1953

VIRUS

- V. CABBAGE BLACK RING SPOT Smith 1935 ((? a strain of *V. turnip mosaic* (q.v.)))
- Alonsoa warscewiczii*
Hollings, M., 1957
Amaranthus caudatus
Hollings, M., 1957
Anchusa capensis
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Anchusa spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Anemone nemorosa
Hollings, M., 1957
Barbara vulgaris
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Begonia semperflorens
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
Brassica adpressa
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
Brassica campestris var. *napobrassica*
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937, 1938
Brassica chinensis
Hamlyn, Brenda M.G., 1953
Brassica hirta (*Brassica alba*)
Hamlyn, Brenda M.G., 1953
Hollings, M., 1957
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
Brassica juncea (*Brassica japonica*)
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
Brassica kaber (*Brassica arvensis*)
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937, 1938
Brassica muralis
Hamlyn, Brenda M.G., 1953
Brassica napus
Hollings, M., 1957
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
Brassica oleracea var. *acephala*
Broadbent, L., 1954
Hamlyn, Brenda M.G., 1953
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
Brassica oleracea var. *botrytis*
Broadbent, L., 1954
Broadbent, L. and T.W. Tinsley, 1953
Hamlyn, Brenda M.G., 1953
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937, 1938
Brassica oleracea var. *bullata* *Hamlyn, Brenda M.G., 1953
Brassica oleracea var. *capitata*
Hamlyn, Brenda M.G., 1953
Hollings, M., 1957
Pound, Glenn S., 1952
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937, 1938
Brassica oleracea var. *caulorapa*
Hamlyn, Brenda M.G., 1953
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
Brassica oleracea var. *gemmifera*
Broadbent, L., 1954
Hamlyn, Brenda M.G., 1953
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937, 1938
Brassica oleracea var. *gongylodes*
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937
Brassica oleracea var. *italica* *Hamlyn, Brenda M.G., 1953
Brassica oleracea var. *viridis*
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937
Brassica pekinensis
Hamlyn, Brenda M.G., 1953
Hollings, M., 1957

VIRUS

V. CABBAGE BLACK RING SPOT (cont.)

- Brassica pekinensis*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Brassica rapa*
Bawden, F.C., Brenda M.G. Hamlyn and Marion A. Watson, 1954
Hamlyn, Brenda M.G., 1953
Hollings, M., 1957
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937, 1938
- Camelina sativa*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Canna indica*
Hollings, M., 1957
- Capsella bursa-pastoris*
Hamlyn, Brenda M.G., 1953
Hollings, M., 1957
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Cardamine hirsuta*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Cheiranthus cheiri*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Hollings, M., 1957
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937, 1938
- Chenopodium album*
Hollings, M., 1957
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937, 1938
- Chenopodium amaranticolor*
Hollings, M., 1956, 1957
- Chenopodium murale*
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937, 1938
- Chrysanthemum carinatum*
Hollings, M., 1957
- Chrysanthemum coronarium*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Cichorium endivia*
Hamlyn, Brenda M.G., 1953
- Cochlearia armoracia*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Datura ferox*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Datura stramonium*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Dimorphotheca aurantiaca*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Echium vulgare*
Hollings, M., 1957
- Gomphrena globosa*
Hollings, M., 1957
- Hesperis matronalis*
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937, 1938
- Isatis tinctoria*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Lepidium campestre*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Lunaria annua*
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937, 1938
- Lycium halimifolium*
Hamlyn, Brenda M.G., 1953
- Malcolmia maritima*
Hollings, M., 1957
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937, 1938
- Matthiola bicornis*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Matthiola incana*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Matthiola incana* var. *annua*
Hamlyn, Brenda M.G., 1953
Hollings, M., 1957

VIRUS

V. CABBAGE BLACK RING SPOT (cont.)

- Matthiola incana* var. *annua*
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937, 1938
- Mimulus luteus*
Hollings, M., 1957
- Myosotis alpestris*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Nasturtium officinale* (*Rorippa nasturtium-aquaticum*)
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937
- Nicotiana glutinosa*
Hamlyn, Brenda M.G., 1953
Hollings, M., 1957
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1938
- Nicotiana langsdorffii*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Nicotiana rustica*
Hamlyn, Brenda M.G., 1953
- Nicotiana tabacum*
Bawden, F.C., Brenda M.G. Hamlyn and Marion A. Watson, 1954
Broadbent, L., 1954
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Hamlyn, Brenda M.G., 1953
Hollings, M., 1957
Pound, Glenn S., 1952
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937, 1938
- Papaver nudicaule*
Hamlyn, Brenda M.G., 1953
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Papaver rhoeas*
Hamlyn, Brenda M.G., 1953
- Papaver somniferum*
Hamlyn, Brenda M.G., 1953
Hollings, M., 1957
- Passiflora caerulea*
Hollings, M., 1957
- Petunia hybrida*
Hamlyn, Brenda M.G., 1953
Hollings, M., 1957
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Physalis peruviana*
Hollings, M., 1957
- Radicula nasturtium-aquaticum*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Raphanus raphanistrum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Raphanus sativus* var. *longipinnatus**
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937, 1938
- Reseda odorata*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Rheum rhaboticum*
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937, 1938
- Salpiglossis sinuata*
Hollings, M., 1957
- Scabiosa atropurpurea*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Schizanthus pinnatus*
Hollings, M., 1957
- Senecio cruentus*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Sisymbrium officinale*
Hollings, M., 1957
- Spinacia oleracea*
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937, 1938
- Stellaria media*
Tompkins, C.M., M.W. Gardner and H.R.
Thomas, 1937, 1938

VIRUS

- V. CABBAGE BLACK RING SPOT (cont.)
- Tetragonia expansa
Hollings, M., 1957
 - Thlaspi arvense*
Hollings, M., 1957
 - Tropaeolum majus*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Verbena hybrida*
Hamlyn, Brenda M.G., 1953
Hollings, M., 1957
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
 - Vicia faba*
Hollings, M., 1957
 - Vinca rosea*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Zinnia elegans*
Hamlyn, Brenda M.G., 1953
Hollings, M., 1957
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- V. CABBAGE RING NECROSIS Larson and Walker 1941
- Berteroa incana*
Larson, R.H. and J.C. Walker, 1941
 - Beta vulgaris*
Larson, R.H. and J.C. Walker, 1940, 1941
 - Beta vulgaris var. cicla*
Larson, R.H. and J.C. Walker, 1940, 1941
 - Beta vulgaris var. macrorhiza* *
Larson, R.H. and J.C. Walker, 1941
 - Brassica campestris* var. *napoensis*
Larson, R.H. and J.C. Walker, 1941
 - Brassica hirta* (*Brassica alba*)
Larson, R.H. and J.C. Walker, 1941
 - Brassica juncea* (*Brassica japonica*)
Larson, R.H. and J.C. Walker, 1941
 - Brassica napus*
Larson, R.H. and J.C. Walker, 1941
 - Brassica nigra*
Larson, R.H. and J.C. Walker, 1941
 - Brassica oleracea* var. *botrytis*
Larson, R.H. and J.C. Walker, 1941
 - Brassica oleracea* var. *capitata*
Larson, R.H. and J.C. Walker, 1940, 1941
 - Brassica oleracea* var. *gemmifera*
Larson, R.H. and J.C. Walker, 1941
 - Brassica oleracea* var. *gongylodes*
Larson, R.H. and J.C. Walker, 1941
 - Brassica oleracea* var. *viridis*
Larson, R.H. and J.C. Walker, 1941
 - Brassica pekinensis*
Larson, R.H. and J.C. Walker, 1941
 - Brassica rapa*
Larson, R.H. and J.C. Walker, 1941
 - Brassica spp.*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Calendula officinalis*
Larson, R.H. and J.C. Walker, 1940, 1941
 - Capsella bursa-pastoris*
Larson, R.H. and J.C. Walker, 1941
 - Cheiranthus allionii*
Larson, R.H. and J.C. Walker, 1941
 - Cucumis sativus*
Larson, R.H. and J.C. Walker, 1940, 1941
 - Hesperis matronalis*
Larson, R.H. and J.C. Walker, 1941
 - Lepidium sativum*
Larson, R.H. and J.C. Walker, 1941
 - Lepidium virginicum*
Larson, R.H. and J.C. Walker, 1941
 - Matthiola incana* var. *annua*
Larson, R.H. and J.C. Walker, 1941
 - Neslia paniculata*
Larson, R.H. and J.C. Walker, 1941
 - Nicotiana glutinosa*
Larson, R.H. and J.C. Walker, 1940, 1941
 - Nicotiana langsdorffii*
Larson, R.H. and J.C. Walker, 1940, 1941
 - Nicotiana repanda*
Larson, R.H. and J.C. Walker, 1940, 1941
 - Nicotiana rustica*
Larson, R.H. and J.C. Walker, 1940, 1941

VIRUS

- V. CABBAGE RING NECROSIS (cont.)
- Nicotiana tabacum*
Larson, R.H. and J.C. Walker, 1940, 1941
 - Petunia hybrida*
Larson, R.H. and J.C. Walker, 1940, 1941
 - Raphanus sativus*
Larson, R.H. and J.C. Walker, 1941
 - Sisymbrium altissimum*
Larson, R.H. and J.C. Walker, 1941
 - Sisymbrium officinale*
Larson, R.H. and J.C. Walker, 1941
 - Spinacia oleracea*
Larson, R.H. and J.C. Walker, 1940, 1941
 - Thlaspi arvense*
Larson, R.H. and J.C. Walker, 1941
 - Zinnia elegans*
Larson, R.H. and J.C. Walker, 1940, 1941
- V. CACAO SWOLLEN SHOOT ((W.F. Stevens) 1937))
- Abroma augusta*
Posnette 1940
 - Tinsley, T.W. and A.L. Wharton, 1958
 - Adansonia digitata*
Attafuah, A. and T.W. Tinsley, 1958
Posnette, A.F., N.F. Robertson and J. McA.
Todd, 1950
Tinsley, T.W. and A.L. Wharton, 1958
 - Bombox buonopozense*
Attafuah, A. and T.W. Tinsley, 1958
Posnette, A.F., N.F. Robertson and J. McA.
Todd, 1950
Tinsley, T.W. and A.L. Wharton, 1958
 - Bombox malabaricum*
Tinsley, T.W. and A.L. Wharton, 1958
 - Ceiba cordifolia* *(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Ceiba pentandra*
Attafuah, A. and T.W. Tinsley, 1958
Posnette, A.F., N.F. Robertson and J. McA.
Todd, 1950
Tinsley, T.W. and A.L. Wharton, 1958
 - Cola chlamydantha*
Tinsley, T.W. and A.L. Wharton, 1958
 - Cola cordifolia*
Posnette, A.F., N.F. Robertson and J. McA.
Todd, 1950
 - Cola gigantea* var. *glabrescens* *
Tinsley, T.W. and A.L. Wharton, 1958
 - Cola lateritia* var. *maclaudi* *
Tinsley, T.W. and A.L. Wharton, 1958
 - Corchorus aestuans*
Tinsley, T.W. and A.L. Wharton, 1958
 - Corchorus olitorius*
Tinsley, T.W. and A.L. Wharton, 1958
 - Corchorus tridens*
Tinsley, T.W. and A.L. Wharton, 1958
 - Corchorus trilocularis*
Tinsley, T.W. and A.L. Wharton, 1958
 - Erythropsis barteri*
Posnette, A.F., N.F. Robertson and J. McA.
Todd, 1950
 - Helicarpus popayanensis*
Tinsley, T.W. and A.L. Wharton, 1958
 - Herrania balaensis*
Tinsley, T.W. and A.L. Wharton, 1958
 - Herrania* spp.
Tinsley, T.W. and A.L. Wharton, 1958
 - Hildegardia barteri*
Tinsley, T.W. and A.L. Wharton, 1958
 - Pterygota macrocarpa*
Tinsley, T.W. and A.L. Wharton, 1958
 - Sterculia laevis*
Tinsley, T.W. and A.L. Wharton, 1958
 - Sterculia rhinopetalia*
Posnette, A.F., N.F. Robertson and J. McA.
Todd, 1950
Tinsley, T.W. and A.L. Wharton, 1958
 - Sterculia setigera*
Tinsley, T.W. and A.L. Wharton, 1958
 - Sterculia tragacantha*
Posnette, A.F., N.F. Robertson and J. McA.
Todd, 1950
Tinsley, T.W. and A.L. Wharton, 1958

VIRUS

V. CACAO SWOLLEN SHOOT (cont.)

- Theobroma angustifolia*
Tinsley, T.W. and A.L. Wharton, 1958
- Theobroma bicolor*
Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
- Theobroma cacao*
Attafuah, A. and T.W. Tinsley, 1958
Baker, R.E.D. and W.T. Dale, 1947
Crowdy, S.H. and A.F. Posnette, 1947
Goodall, D.W., 1949
Hanna, A.F. and W. Heatherington, 1957
Posnette, A.F., 1947, 1950
Posnette, A.F. and N.F. Robertson, 1950
Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
Posnette, A.F. and A.H. Strickland, 1948
Posnette, A.F. and J. McA. Todd, 1951, 1955
Tinsley, T.W. and A.L. Wharton, 1958
- Theobroma grandiflorum*
Tinsley, T.W. and A.L. Wharton, 1958
- Theobroma microcarpa*
Tinsley, T.W. and A.L. Wharton, 1958
- Theobroma obovata*
Tinsley, T.W. and A.L. Wharton, 1958
- Theobroma speciosa*
Tinsley, T.W. and A.L. Wharton, 1958

V. CAMELLIA YELLOW MOTTLE LEAF Milbrath and McWhorter 1946

- Camellia japonica* McWhorter 1946
Milbrath, J.A. and F.P. McWhorter, 1940

- Plakidas, A.G., 1953, 1954

- Camellia sasanqua*

- Plakidas, A.G., 1953, 1954

V. CANNA MOSAIC Fukushi 1932

- Canna edulis*

- Celino, M.S. and G.O. Ocfemia, 1941

- Canna generalis*

- Brierley, Philip and Floyd F. Smith, 1948
Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956

- Canna glauca*

- Brierley, Philip and Floyd F. Smith, 1948
Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956

- Canna indica*

- Brierley, Philip and Floyd F. Smith, 1948
Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
Ocfemia, G.O., Isidro S. Macaspac and Hsieh Feng Yuan, 1941

- Musa textilis*

- Juliano, Jorge P., 1951
Ocfemia, G.O., Isidro S. Macaspac and Hsieh Feng Yuan, 1941

- Phaseolus vulgaris*

- Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956

- Zea mays*

- Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956

V. CARDAMOM MOSAIC Uppal et al. 1945

- Elettaria cardamomum* (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. CARNATION MOSAIC Creager 1943

- Asclepias syriaca*

- Gasiorkiewicz, E.C., 1954

- Beta vulgaris*

- Brierley, Philip and Floyd F. Smith, 1957

- Chenopodium album*

- Brierley, Philip and Floyd F. Smith, 1957

- Gasiorkiewicz, E.C., 1956

- Chenopodium amarananticolor*

- Brierley, Philip and Floyd F. Smith, 1957

- Dianthus barbatus*

- Ames, Ralph W. and H.H. Thornberry, 1952

- Ames, Ralph W., A.E. Vatter, John J. Scholz and H.H. Thornberry, 1951

VIRUS

V. CARNATION MOSAIC (cont.)

- Dianthus barbatus*

- Brierley, Philip and Floyd F. Smith, 1955, 1957
Gasiorkiewicz, E.C., 1954, 1956
Rumley, Gail E. and W.D. Thomas, Jr., 1951
Thomas, W.D., Jr. and R.R. Baker, 1952
Wright, Charles M., 1951

- Dianthus caryophyllus*

- Ames, Ralph W. and H.H. Thornberry, 1952
Ames, Ralph W., A.E. Vatter, John J. Scholz and H.H. Thornberry, 1951
Brierley, Philip and Floyd F. Smith, 1955, 1957
Creager, D.B., 1943
Gasiorkiewicz, E.C., 1954, 1956
Jones, Leon K., 1945
Rumley, Gail E. and W.D. Thomas, Jr., 1951
Thomas, W.D., Jr. and R.R. Baker, 1952
Wright, Charles M., 1951

- Dianthus chinensis*

- Brierley, Philip and Floyd F. Smith, 1957

- Dianthus deltoides*

- Brierley, Philip and Floyd F. Smith, 1957

- Dianthus giganteus*

- Brierley, Philip and Floyd F. Smith, 1957

- Dianthus latifolius*

- Brierley, Philip and Floyd F. Smith, 1957

- Dianthus plumarius*

- Brierley, Philip and Floyd F. Smith, 1957

- Dianthus superbus*

- Brierley, Philip and Floyd F. Smith, 1957

- Gomphrena globosa*

- Brierley, Philip and Floyd F. Smith, 1957

- Gasiorkiewicz, E.C., 1954

- Wright, Charles M., 1951

- Helichrysum bracteatum*

- Gasiorkiewicz, E.C., 1954

- Lycopersicon esculentum*

- Wright, Charles M., 1951

- Silene compacta*

- Brierley, Philip and Floyd F. Smith, 1957

- Tunica saxifraga*

- Brierley, Philip and Floyd F. Smith, 1957

V. CARNATION MOTTLE Kassanis 1955

- Chenopodium amarananticolor*

- Brierley, Philip and Floyd F. Smith, 1957

- Hollings, M., 1956

- Dianthus barbatus*

- Brierley, Philip and Floyd F. Smith, 1957

- Kassanis, B., 1955

- Dianthus caryophyllus*

- Brierley, Philip and Floyd F. Smith, 1957

- Kassanis, B., 1955

- Dianthus superbus*

- Brierley, Philip and Floyd F. Smith, 1957

- Gomphrena globosa*

- Brierley, Philip and Floyd F. Smith, 1957

- Silene compacta*

- Brierley, Philip and Floyd F. Smith, 1957

V. CARNATION RING SPOT Kassanis 1955

- Althaea rosea*

- Brierley, Philip and Floyd F. Smith, 1957

- Antirrhinum majus*

- Brierley, Philip and Floyd F. Smith, 1957

- Arenaria montana*

- Brierley, Philip and Floyd F. Smith, 1957

- Beta vulgaris*

- Brierley, Philip and Floyd F. Smith, 1957

- Calendula officinalis*

- Brierley, Philip and Floyd F. Smith, 1957

- Callistephus chinensis*

- Brierley, Philip and Floyd F. Smith, 1955, 1957

- Celosia argentea var. cristata*

- Brierley, Philip and Floyd F. Smith, 1957

- Chenopodium album*

- Brierley, Philip and Floyd F. Smith, 1957

- Chenopodium amarananticolor*

- Brierley, Philip and Floyd F. Smith, 1957

- Hollings, M., 1956

- Cucumis sativus*

- Brierley, Philip and Floyd F. Smith, 1955, 1957

VIRUS

V. CARNATION RING SPOT (cont.)

- Datura inoxia*
Brierley, Philip and Floyd F. Smith, 1957
Datura stramonium
Brierley, Philip and Floyd F. Smith, 1957
Dianthus arenarius
Brierley, Philip and Floyd F. Smith, 1957
Dianthus barbatus
Brierley, Philip and Floyd F. Smith, 1957
Kassanis, B., 1955
Dianthus caesius
Brierley, Philip and Floyd F. Smith, 1957
Dianthus caryophyllus
Brierley, Philip and Floyd F. Smith, 1955, 1957
Kassanis, B., 1955
Dianthus deltoides
Brierley, Philip and Floyd F. Smith, 1957
Dianthus plumarius
Brierley, Philip and Floyd F. Smith, 1957
Dianthus superbus
Brierley, Philip and Floyd F. Smith, 1957
Glycine max
Brierley, Philip and Floyd F. Smith, 1957
Gomphrena globosa
Brierley, Philip and Floyd F. Smith, 1955, 1957
Kassanis, B., 1955
Gypsophila elegans
Kassanis, B., 1955
Lathyrus odoratus
Brierley, Philip and Floyd F. Smith, 1957
Lychnis alba
Kassanis, B., 1955
Nicotiana glutinosa
Kassanis, B., 1955
Nicotiana tabacum
Brierley, Philip and Floyd F. Smith, 1955, 1957
Kassanis, B., 1955
Phaseolus vulgaris
Brierley, Philip and Floyd F. Smith, 1955, 1957
Kassanis, B., 1955
Saponaria ocymoides
Brierley, Philip and Floyd F. Smith, 1957
Silene compacta
Brierley, Philip and Floyd F. Smith, 1957
Spinacia oleracea
Brierley, Philip and Floyd F. Smith, 1957
Tagetes patula
Brierley, Philip and Floyd F. Smith, 1957
Tunica saxifraga
Brierley, Philip and Floyd F. Smith, 1957
Ulmus americana
Brierley, Philip and Floyd F. Smith, 1957

V. CARNATION VEIN MOTTLE Kassanis 1955

- Chenopodium amaranticolor*
Hollings, M., 1956
Dianthus barbatus
Kassanis, B., 1955
Dianthus caryophyllus
Kassanis, B., 1955

V. CARROT MOTLEY DWARF Stubbs 1948

- Apium leptophyllum*
Stubbs, L. L., 1955
Capsicum frutescens (Capsicum annuum)
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
Datura stramonium
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
Daucus carota var. sativa
Stubbs, L. L., 1956
Nemesia spp.
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
Nicotiana tabacum
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
Petunia spp.
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958

V. CASSAVA BROWN STREAK Storey 1936

- Manihot esculenta (Manihot utilissima)*
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958

VIRUS

V. (CASSAVA) GREEN MOSAIC *

- Manihot spp.*
McKinney, H. H., 1929

V. CASSAVA MOSAIC Lefevre 1935; Storey and Nichols
Manihot esculenta (Manihot utilissima) 1938

Chant, S. R., 1958

McKinney, H. H., 1928

Storey, H. H. and R. F. W. Nichols, 1938

Manihot palmata
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958

V. CAULIFLOWER MOSAIC Tompkins 1934

- Barbara verna*
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958

- Barbara vulgaris*
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958

- Brassica adpressa*
Tompkins, C. M., 1937
Tompkins, C. M. and H. Rex Thomas, 1938

- Brassica campestris*
Tompkins, C. M., 1937
Walker, J. C., Francis J. LeBeau and Glenn S. Pound, 1945

- Brassica campestris* var. *napobrassica*
Alvarez-Garcia, L. A., 1951
Berkeley, G. H. and J. H. Tremaine, 1954
Caldwell, John and Ian W. Prentice, 1942
Tompkins, C. M., 1937

- Brassica hirta* (*Brassica alba*)
Tompkins, C. M., 1937
Walker, J. C., Francis J. LeBeau and Glenn S. Pound, 1945

- Brassica juncea* (*Brassica japonica*)
Tompkins, C. M., 1937
Walker, J. C., Francis J. LeBeau and Glenn S. Pound, 1945

- Brassica kaber* (*Brassica arvensis*)
Caldwell, John and Ian W. Prentice, 1942
Tompkins, C. M., 1937

- Brassica kaber* var. *pinnatifida*
Walker, J. C., Francis J. LeBeau and Glenn S. Pound, 1945

- Brassica muralis*
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958

- Brassica napus*
Berkeley, G. H. and J. H. Tremaine, 1954
Caldwell, John and Ian W. Prentice, 1942
Tompkins, C. M., 1937
Tompkins, C. M. and H. Rex Thomas, 1938
Walker, J. C., Francis J. LeBeau and Glenn S. Pound, 1945

- Brassica nigra*
Tompkins, C. M., 1937
Walker, J. C., Francis J. LeBeau and Glenn S. Pound, 1945

- Brassica oleracea* var. *acephala*
Alvarez-Garcia, L. A., 1951
Caldwell, John and Ian W. Prentice, 1942
Tompkins, C. M., 1934, 1937

- Brassica oleracea* var. *botrytis*
Alvarez-Garcia, L. A., 1951
Berkeley, G. H. and J. H. Tremaine, 1954
Broadbent, L., 1954

- Broadbent, L. and T. W. Tinsley, 1953
Caldwell, John and Ian W. Prentice, 1942
Jenkinson, J. G., 1955

- Severin, Henry H. P. and C. M. Tompkins, 1948
Tompkins, C. M., 1934, 1937
Walker, J. C., Francis J. LeBeau and Glenn S. Pound, 1945

- Brassica oleracea* var. *capitata*
Alvarez-Garcia, L. A., 1951
Berkeley, G. H. and J. H. Tremaine, 1954
Caldwell, John and Ian W. Prentice, 1942

- Natti, J. J., 1956
Pound, Glenn S., 1946, 1947, 1952
Pound, Glenn S. and J. C. Walker, 1951
Tompkins, C. M., 1934, 1937
Walker, J. C., Francis J. LeBeau and Glenn S. Pound, 1945

VIRUS

V. CAULIFLOWER MOSAIC (cont.)

Brassica oleracea var. *caulorapa*
Caldwell, John and Ian W. Prentice, 1942

Tompkins, C.M., 1937

Brassica oleracea var. *gemmifera*

Alvarez-Garcia, L.A., 1951

Berkeley, G.H. and J.H. Tremaine, 1954

Caldwell, John and Ian W. Prentice, 1942

Severin, Henry H.P. and C.M. Tompkins, 1948

Tompkins, C.M., 1937

Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

Brassica oleracea var. *gongylodes*

Alvarez-Garcia, L.A., 1951

Berkeley, G.H. and J.H. Tremaine, 1954

Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

Brassica oleracea var. *italica* *

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Brassica oleracea var. *subastra* *

Caldwell, John and Ian W. Prentice, 1942

Brassica oleracea var. *viridis*

Berkeley, G.H. and J.H. Tremaine, 1954

Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

Brassica pekinensis

Alvarez-Garcia, L.A., 1951

Berkeley, G.H. and J.H. Tremaine, 1954

Tompkins, C.M., 1937

Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

Brassica rapa

Alvarez-Garcia, L.A., 1951

Hamlyn, Brenda M.G., 1955

Tompkins, C.M., 1937

Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

Camelina sativa

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Capsella bursa-pastoris

Tompkins, C.M., 1937

Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

Cheiranthus cheiri

Berkeley, G.H. and J.H. Tremaine, 1954

Cochlearia armoracia

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Crambe maritima

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Diptaxis tenuifolia

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Iberis amara

Tompkins, C.M., 1937

Isatis tinctoria

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Lepidium campestre

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Lepidium sativum

Tompkins, C.M., 1937

Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

Lepidium virginicum

Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

Lunaria annua

Tompkins, C.M., 1937

Matthiola incana

Berkeley, G.H. and J.H. Tremaine, 1954

Tompkins, C.M., 1934

Matthiola incana var. *annua*

Severin, Henry H.P. and C.M. Tompkins, 1948

Tompkins, C.M., 1937

Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

Neslia paniculata

Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

Nicotiana tabacum

Broadbent, L., 1954

Pound, Glenn S., 1952

Raphanus raphanistrum

Tompkins, C.M., 1937

VIRUS

V. CAULIFLOWER MOSAIC (cont.)

Raphanus sativus

Alvarez-Garcia, L.A., 1951

Berkeley, G.H. and J.H. Tremaine, 1954

Caldwell, John and Ian W. Prentice, 1942

Tompkins, C.M., 1937

Tompkins, C.M. and H. Rex Thomas, 1938

Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

Sisymbrium altissimum

Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

Sisymbrium officinale

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Thlaspi arvense

Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

V. CELERY MOSAIC Holmes 1939

Anethum graveolens

Freitag, Julius H. and Henry H.P. Severin, 1945

Severin, Henry H.P. and Julius H. Freitag, 1938

Anthriscus cerefolium

Freitag, Julius H. and Henry H.P. Severin, 1945

Severin, Henry H.P. and Julius H. Freitag, 1938

Apium graveolens

Doolittle, S.P. and F.L. Wellman, 1934

Apium graveolens var. *dulce*

Bardin, Roy, 1947

Freitag, Julius H. and Henry H.P. Severin, 1939,

1945

Poole, R.F., 1922

Severin, H.H.P. and J.H. Freitag, 1935, 1938

Apium graveolens var. *rapaceum*

Freitag, Julius H. and Henry H.P. Severin, 1945

Severin, Henry H.P. and Julius H. Freitag, 1938

Carum carvi

Freitag, Julius H. and Henry H.P. Severin, 1945

Severin, Henry H.P. and Julius H. Freitag, 1938

Commelinia communis

Price, W.C., 1935

Commelinia nudiflora

Doolittle, S.P., 1931

Doolittle, S.P. and F.L. Wellman, 1934

Coriandrum sativum

Freitag, Julius H. and Henry H.P. Severin, 1945

Severin, Henry H.P. and Julius H. Freitag, 1938

Cucumis sativus

Doolittle, S.P., 1931

Doolittle, S.P. and F.L. Wellman, 1934

Daucus carota var. *sativa*

Freitag, Julius H. and Henry H.P. Severin, 1945

Severin, Henry H.P. and Julius H. Freitag, 1938

Lilium longiflorum

Price, W.C., 1937

Lycopersicon esculentum

Doolittle, S.P., 1931

Doolittle, S.P. and F.L. Wellman, 1934

Nicotiana tabacum

Doolittle, S.P., 1931

Doolittle, S.P. and F.L. Wellman, 1934

Nolla, J.A.B., 1934

Price, W.C., 1936

Pastinaca sativa

Freitag, Julius H. and Henry H.P. Severin, 1945

Petroselinum crispum

var. *latifolium* *

Freitag, Julius H. and Henry H.P. Severin, 1945

Petroselinum hortense

Severin, Henry H.P. and Julius H. Freitag, 1938

Physalis lagascae

Doolittle, S.P. and F.L. Wellman, 1934

Physalis pubescens

Doolittle, S.P., 1931

Doolittle, S.P. and F.L. Wellman, 1934

Pimpinella anisum

Freitag, Julius H. and Henry H.P. Severin, 1945

Vigna sinensis

Price, W.C., 1935

Zea mays

Price, W.C., 1935

Zinnia elegans

Price, W.C., 1935

VIRUS

- V. (CELERY) PSEUDO-CALICO *
Apium graveolens var. *dulce*
 Freitag, Julius H. and Henry H.P. Severin, 1939
- V. CELERY YELLOW SPOT Freitag and Severin 1945
Apium graveolens var. *dulce*
 Freitag, Julius H. and Henry H.P. Severin, 1939, 1945
- Conium maculatum
 Freitag, Julius H. and Henry H.P. Severin, 1945
- Pastinaca sativa
 Freitag, Julius H. and Henry H.P. Severin, 1945
- V. (CEREAL) CALIFORNIA MOSAIC DISEASE *
Hordeum vulgare
 Houston, Byron R. and John W. Oswald, 1952
- Triticum aestivum*
 Houston, Byron R. and John W. Oswald, 1952
- V. (CEREAL) ENANISMO DISEASE *
Hordeum vulgare
 Gibler, John W., 1957
- Triticum aestivum*
 Gibler, John W., 1957
- V. CHERRY ALBINO Zeller et al. 1944
Prunus avium
 Zeller, S.M., J.A. Milbrath and C.B. Cordy, 1944
- V. CHERRY BARK SPLITTING *
Prunus armeniaca
 Cameron, H. Ronald, 1954
- Prunus cerasus*
 Cameron, H. Ronald, 1954
- Milbrath, J.A., 1957
- V. CHERRY BLACK CANKER Zeller et al. 1947
Prunus avium
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. CHERRY BUD ABORTION DISEASE *
Prunus avium
 Milbrath, J.A. and H.E. Williams, 1956
- Prunus cerasus*
 Milbrath, J.A. and H.E. Williams, 1956
- V. CHERRY CHLOROSIS *
Prunus mahaleb
 Keitt, G.W. and C.N. Clayton, 1941
- Prunus virginiana*
 Keitt, G.W. and C.N. Clayton, 1941
- V. CHERRY DUSTY YELLOWS Posnette 1954
Prunus avium
 Posnette, A.F., 1954
- Prunus cerasus*
 Posnette, A.F., 1954
- Prunus persica*
 Posnette, A.F., 1954
- V. CHERRY FRECKLE FRUIT DISEASE *
Prunus avium
 Williams, H.E. and J.A. Milbrath, 1955
- V. CHERRY (FROGMORE) CANKER *
Prunus avium
 Posnette, A.F. and R. Cropley, 1957
- V. CHERRY GREEN RING MOTTLE *
Prunus cerasus
 Fink, Harry C., 1955
- Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
- Parker, K.G. and E.J. Klos, 1953
- Prunus tomentosa*
 Fink, Harry C., 1955
- V. CHERRY LITTLE CHERRY Foster and Lott 1947
Prunus avium
 Blodgett, E.C., E.L. Reeves, C.M. Wright and H.E. Williams, 1948
- Foster, W.R. and T.B. Lott, 1947
- Milbrath, J.A. and H.E. Williams, 1956
- Reeves, E.L. and Philip W. Cheney, 1956

VIRUS

- V. CHERRY LITTLE CHERRY (cont.)
Prunus avium
 Welsh, Maurice F., 1952
- Wilks, Jack M. and J.A. Milbrath, 1956
- Wilks, J.M. and M.F. Welsh, 1955
- Prunus cerasus*
 Milbrath, J.A. and H.E. Williams, 1956
- Wilks, Jack M. and J.A. Milbrath, 1956
- Prunus mollis*
 Wilks, J.M. and M.F. Welsh, 1955
- Prunus serrulata*
 Milbrath, J.A. and H.E. Williams, 1956
- V. CHERRY MIDLEAF NECROSIS *
Prunus avium
 Milbrath, J.A., 1957
- Prunus cerasus*
 Milbrath, J.A., 1957
- Prunus serrulata*
 Milbrath, J.A., 1957
- V. CHERRY MORA Milbrath 1952
Prunus avium
 Milbrath, J.A., 1952
- V. CHERRY MOTTLE *
Prunus avium
 Hildebrand, E.M., 1944
- Prunus domestica*
 Hildebrand, E.M., 1944
- V. CHERRY MOTTLE LEAF Zeller 1934; Reeves 1941
Prunus avium
 Lott, T.B., 1945
- Reeves, E.L., 1941
- Richards, B.L. and L.C. Cochran, 1956
- Zeller, S.M. and A.W. Evans, 1941
- Prunus avium* x *Prunus cerasus*
 Reeves, E.L., 1941
- Prunus cerasus*
 Reeves, E.L., 1941
- Richards, B.L. and L.C. Cochran, 1956
- Prunus emarginata*
 Reeves, E.L., 1941
- Richards, B.L. and L.C. Cochran, 1956
- Prunus mahaleb*
 Reeves, E.L., 1941
- Prunus persica*
 Richards, B.L. and L.C. Cochran, 1956
- V. CHERRY NECROTIC ETCH *
Prunus avium
 Posnette, A.F., 1954
- Prunus persica*
 Posnette, A.F., 1954
- V. CHERRY NECROTIC LINE PATTERN Posnette 1954
Prunus avium
 Posnette, A.F. and R. Cropley, 1956
- V. CHERRY NECROTIC RUSTY MOTTLE Richards and Prunus avium Reeves 1951
 Afanasiev, M.M. and H.E. Morris, 1954
- (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Lott, T.B., 1945
- Reeves, E.L. and B.L. Richards, 1946
- Richards, B.L. and L.C. Cochran, 1956
- Richards, B.L. and Bryce N. Wadley, 1950
- Prunus avium* x *Prunus cerasus*
 Richards, B.L. and L.C. Cochran, 1956
- Prunus cerasus*
 Richards, B.L. and L.C. Cochran, 1956
- Richards, B.L. and Bryce N. Wadley, 1950
- Prunus persica*
 Richards, B.L. and L.C. Cochran, 1956
- Richards, B.L. and Bryce N. Wadley, 1950
- Prunus virginiana* var. *demissa*
 Richards, B.L. and L.C. Cochran, 1956
- V. CHERRY PINTO LEAF Kienholz 1947
Prunus avium
 Kienholz, J.R., 1947

VIRUS

- V. CHERRY RASP LEAF Bodine and Newton 1942
Prunus armeniaca
 Posnette, A.F., 1954
Prunus avium
 Blodgett, Earle C., 1943
 Bodine, E.W. and J.H. Newton, 1942
 Milbrath, J.A., 1954
 Posnette, A.F., 1954
 Posnette, A.F. and R. Cropley, 1956
 Richards, B.L. and L.C. Cochran, 1956
Prunus cerasifera
 Posnette, A.F., 1954
Prunus cerasus
 Blodgett, Earle C., 1943
 Posnette, A.F., 1954
 Richards, B.L. and L.C. Cochran, 1956
Prunus cerasus var. *umbraculifera**
 Milbrath, J.A., 1954
Prunus mahaleb
 Posnette, A.F., 1954
Prunus persica
 Posnette, A.F., 1954
- V. CHERRY RUGOSE MOSAIC Thomas and Rawlins 1951
Prunus amygdalus
 Nyland, George, 1954
Prunus avium
 Berkeley, G.H., 1950
 Nyland, George, 1954
 Posnette, A.F., 1954
 Posnette, A.F. and R. Cropley, 1956
 Richards, B.L. and L.C. Cochran, 1956
 Thomas, H. Earl and T.E. Rawlins, 1939
Prunus cerasifera
 Posnette, A.F., 1954
Prunus cerasus
 Berkeley, G.H., 1950
 Hildebrand, E.M., 1944
 Posnette, A.F., 1954
 Richards, B.L. and L.C. Cochran, 1956
Prunus domestica
 Nyland, George, 1954
Prunus mahaleb
 Berkeley, G.H., 1950
 Thomas, H. Earl and T.E. Rawlins, 1939
Prunus persica
 Berkeley, G.H., 1950
 Nyland, George, 1954
 Posnette, A.F., 1954
 Thomas, H. Earl and T.E. Rawlins, 1939
- V. CHERRY RUSTY MOTTLE Reeves 1940
Prunus armeniaca
 Posnette, A.F., 1954
Prunus avium
 Posnette, A.F., 1954
 Posnette, A.F. and R. Cropley, 1956
 Reeves, E.L., 1940
 Zeller, S.M. and J.A. Milbrath, 1947
Prunus cerasus
 Posnette, A.F., 1954
 Zeller, S.M. and J.A. Milbrath, 1947
Prunus domestica
 Zeller, S.M. and J.A. Milbrath, 1947
Prunus mahaleb
 Zeller, S.M. and J.A. Milbrath, 1947
Prunus persica
 Posnette, A.F., 1954
 Zeller, S.M. and J.A. Milbrath, 1947
Prunus serrulata
 Zeller, S.M. and J.A. Milbrath, 1947
- V. CHERRY SUNKEN MOTTLE *
Prunus avium
 Posnette, A.F., 1954
Prunus persica
 Posnette, A.F., 1954
- V. CHERRY TWISTED LEAF Lott 1943
Prunus avium
 Lott, T.B., 1943
 Reeves, E.L. and Philip W. Cheney, 1956

VIRUS

- V. CHERRY TWISTED LEAF (cont.)
Prunus persica
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. CHERRY VEIN CLEARING *
Prunus avium
 Zeller, S.M. and A.W. Evans, 1941
Prunus serrulata
 Zeller, S.M. and A.W. Evans, 1941
- V. CHILLI (PEPPER) MOSAIC Ferguson 1951
Capsicum frutescens (*Capsicum annuum*)
 Dale, W.T., 1954
 Ferguson, I.A.C., 1951
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
Capsicum frutescens var. *grossum*
 Dale, W.T., 1954
 Ferguson, I.A.C., 1951
Capsicum frutescens var. *minimum**
 Dale, W.T., 1954
 Ferguson, I.A.C., 1951
Carthamus tinctorius
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
Cucumis melo var. *utilissimus**
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
Cucumis sativus
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
Datura stramonium
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
Nicotiana alata var. *grandiflora*
 Dale, W.T., 1954
Nicotiana chinensis
 Dale, W.T., 1954
Nicotiana glutinosa
 Dale, W.T., 1954
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
Nicotiana rustica
 Dale, W.T., 1954
Nicotiana sanderae
 Dale, W.T., 1954
Nicotiana sylvestris
 Dale, W.T., 1954
Nicotiana tabacum
 Dale, W.T., 1954
 Ferguson, I.A.C., 1951
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
Nicotiana tabacum var. *macrophylla*
 Dale, W.T., 1954
 Ferguson, I.A.C., 1951
Nicotiana tomentosiformis
 Adsuar, J. and L. Lopez Matos, 1955
Nicotiana undulata
 Adsuar, J. and L. Lopez Matos, 1955
Nicotiana velutina
 Adsuar, J. and L. Lopez Matos, 1955
Petunia hybrida
 Dale, W.T., 1954
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
Physalis floridana
 Dale, W.T., 1954
Solanum nigrum
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
Solanum tuberosum
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- V. CHILLI VEINBANDING Simons 1956
Capsicum frutescens (*Capsicum annuum*)
 Simons, J.N., 1956, 1957
Capsicum frutescens var. *longum*
 Simons, John N., 1956
Lycopersicon esculentum
 Simons, John N., 1956
Lycopersicon esculentum var. *cerasiforme*
 Simons, John N., 1956
Nicotiana glutinosa
 Simons, John N., 1956
Nicotiana tabacum
 Simons, John N., 1956
Physalis peruviana
 Simons, John N., 1956
Portulaca oleracea
 Simons, John N., 1956

VIRUS

V. CHILLI VEINBANDING (cont.)

- Solanum elaeagnifolium*
Simons, John N., 1956
- Solanum gracile **
Simons, John N., 1956, 1957
- Solanum melongena*
Simons, John N., 1956
- Zinnia elegans*
Simons, John N., 1956

V. CHRYSANTHEMUM B (MILD MOSAIC) *

- Aster amellus*
Hollings, M., 1957
- Chrysanthemum carinatum*
Hollings, M., 1957
- Chrysanthemum morifolium*
Hollings, M., 1957
- Nicotiana affinis*
Hollings, M., 1957
- Nicotiana glutinosa*
Hollings, M., 1957
- Nicotiana rustica*
Hollings, M., 1957
- Passiflora caerulea*
Hollings, M., 1957
- Petunia hybrida*
Hollings, M., 1957
- Senecio cruentus*
Hollings, M., 1957
- Tetragonia expansa*
Hollings, M., 1957
- Vicia faba*
Hollings, M., 1957

V. CHRYSANTHEMUM D *

- Chenopodium amaranticolor*
Hollings, M., 1956

V. CHRYSANTHEMUM LATENT *

- Amaranthus caudatus*
Hollings, M., 1957
- Antirrhinum majus*
Hollings, M., 1957
- Celosia argentea*
Hollings, M., 1957
- Chenopodium amaranticolor*
Hollings, M., 1957
- Chrysanthemum morifolium*
Hollings, M., 1957
- Gomphrena globosa*
Hollings, M., 1957
- Helichrysum bracteatum*
Hollings, M., 1957
- Nicotiana glutinosa*
Hollings, M., 1957
- Nicotiana rustica*
Hollings, M., 1957
- Nicotiana tabacum*
Hollings, M., 1957
- Papaver somniferum*
Hollings, M., 1957
- Taraxacum officinale*
Hollings, M., 1957
- Tetragonia expansa*
Hollings, M., 1957
- Thlaspi arvense*
Hollings, M., 1957

V. CHRYSANTHEMUM Q Keller 1950

- Antirrhinum spp.*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Calendula officinalis*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Callistephus chinensis*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Chrysanthemum hortorum*
Graham, D.C., 1957
- Chrysanthemum indicum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Chrysanthemum morifolium*
Brierley, Philip, 1955
Brierley, Philip and Floyd F. Smith, 1953
Holmes, Francis O., 1956

VIRUS

V. CHRYSANTHEMUM Q (cont.)

- Chrysanthemum morifolium*
Keller, John R., 1951, 1953
- Petunia hybrida*
Brierley, Philip, 1955
Brierley, Philip and Floyd F. Smith, 1953

V. CHRYSANTHEMUM RING SPOT Brierley and Smith

- Chrysanthemum indicum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Chrysanthemum morifolium*
Brierley, Philip and Floyd F. Smith, 1955
- Senecio cruentus*
Brierley, Philip and Floyd F. Smith, 1955

V. CHRYSANTHEMUM ROSETTE Brierley and Smith

- Chrysanthemum indicum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. CHRYSANTHEMUM STUNT Brierley and Smith 1949

- Achillea millefolium*
Brierley, Philip, 1953
- Achillea ptarmica*
Brierley, Philip, 1950, 1953
- Keller, John R., 1953*
- Ambrosia trifida*
Brierley, Philip, 1953
- Anthemis tinctoria*
Brierley, Philip, 1950, 1953
- Centaurea cyanus*
Brierley, Philip, 1950, 1953
- Keller, John R., 1953*
- Chrysanthemum carinatum*
Brierley, Philip, 1950, 1953
- Chrysanthemum cinerariaefolium*
Brierley, Philip, 1953
- Chrysanthemum coccineum*
Brierley, Philip, 1950, 1953
- Chrysanthemum coronarium*
Brierley, Philip, 1950, 1953
- Chrysanthemum corymbosum*
Brierley, Philip, 1953
- Chrysanthemum frutescens*
Brierley, Philip, 1953
- Chrysanthemum hortorum*
Brierley, Philip, 1950
- Chrysanthemum indicum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Chrysanthemum lacustre*
Brierley, Philip, 1953
- Chrysanthemum leucanthemum*
Brierley, Philip, 1953
- Chrysanthemum majus*
Brierley, Philip, 1953
- Chrysanthemum maximum*
Brierley, Philip, 1953
- Chrysanthemum morifolium*
Brierley, Philip, 1953
- Brierley, Philip and Floyd F. Smith, 1949, 1955*
- Keller, John R., 1951, 1953*
- Welsh, Maurice F., 1948*
- Chrysanthemum myconis*
Brierley, Philip, 1953
- Chrysanthemum nivellei*
Brierley, Philip, 1953
- Chrysanthemum parthenium*
Brierley, Philip, 1953
- Chrysanthemum parthenium f. flosculosum **
Brierley, Philip, 1953
- Chrysanthemum paeatum*
Brierley, Philip, 1950, 1953
- Chrysanthemum spp.*
Brierley, Philip, 1953
- Chrysanthemum viscosum*
Brierley, Philip, 1953
- Dahlia pinnata*
Brierley, Philip, 1953
- Dahlia spp.*
Keller, John R., 1953
- Dahlia variabilis*
Brierley, Philip, 1950
- Echinacea purpurea*
Brierley, Philip, 1950, 1953

- VIRUS**
- V. CHRYSANTHEMUM STUNT (cont.)**
- Echinacea purpurea*
 - Keller, John R., 1953
 - Emilia sagittata*
 - Brierley, Philip, 1950, 1953
 - Keller, John R., 1953
 - Heliopsis helianthoides* var. *pitcheriana*
 - Brierley, Philip, 1953
 - Liatris pycnostachya*
 - Brierley, Philip, 1953
 - Liatris spicata*
 - Brierley, Philip, 1950
 - Keller, John R., 1953
 - Sanvitalia procumbens*
 - Brierley, Philip, 1953
 - Senecio cruentus*
 - Brierley, Philip, 1950, 1953
 - Keller, John R., 1953
 - Senecio glastifolium*
 - Brierley, Philip, 1953
 - Senecio mikanioides*
 - Brierley, Philip, 1953
 - Tanacetum boreale*
 - Brierley, Philip, 1953
 - Tanacetum camphoratum*
 - Brierley, Philip, 1953
 - Tanacetum vulgare*
 - Brierley, Philip, 1953
 - Tithonia rotundifolia*
 - Brierley, Philip, 1953
 - Keller, John R., 1953
 - Venidium fastuosum*
 - Brierley, Philip, 1953
 - Verbesina encelioides*
 - Brierley, Philip, 1953
 - Zinnia elegans*
 - Brierley, Philip, 1953
- V. CHRYSANTHEMUM VEIN MOTTLE ***
- Chrysanthemum morifolium*
 - Hollings, M., 1957
 - Petunia hybrida*
 - Hollings, M., 1957
- V. CINERARIA MOSAIC Jones 1942**
- Cineraria cruenta*
 - Jones, Leon K., 1944
- V. CITRUS CONVEX GUM ***
- Citrus spp.*
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. CITRUS EXOCORTIS Moreira 1955**
- Citrus paradisi* on *Citrus aurantifolia*
 - Olson, E.O. and A.V. Shull, 1956
 - Citrus paradisi* on (*Citrus sinensis* x *Poncirus trifoliata*)
 - Olson, E.O. and A.V. Shull, 1956
 - Citrus sinensis* on *Citrus aurantifolia*
 - Olson, E.O. and A.V. Shull, 1956
- V. CITRUS GROWTH-RETARDING ***
- Citrus limon*
 - Calavan, E.C., J.M. Wallace and L.G. Weathers, 1954
- V. CITRUS PSOROSIS ((Swingle and Weber 1896))**
- Citrus aurantifolia* Fawcett 1936
 - Wallace, J.M., 1951
 - Weathers, L.G., E.C. Calavan and J.M. Wallace, 1956
 - Citrus limon*
 - Fawcett, H.S. and A.A. Bitancourt, 1943
 - Weathers, L.G., E.C. Calavan and J.M. Wallace, 1956
 - Citrus maxima*
 - Weathers, L.G., E.C. Calavan and J.M. Wallace, 1956
 - Citrus paradisi*
 - Fawcett, H.S., 1938
 - Weathers, L.G., E.C. Calavan and J.M. Wallace, 1956
 - Citrus reticulata*
 - Fawcett, H.S., 1938
- VIRUS**
- V. CITRUS PSOROSIS (cont.)**
- Citrus sinensis*
 - Fawcett, H.S., 1933, 1934, 1938
 - Fawcett, H.S. and A.A. Bitancourt, 1943
 - Fawcett, H.S. and L.C. Cochran, 1941, 1942
 - Rhoads, Arthur S., 1942
 - Wallace, James M., 1945
 - Citrus spp.*
 - Bennett, C.W., 1944
- V. CITRUS STUBBORN DISEASE Fawcett 1946**
- Citrus sinensis*
 - Fawcett, H.S., 1946
- V. CITRUS TRISTEZA Meneghini 1946**
- Aeglopsis chevalieri*
 - Hughes, W.A. and C.A. Lister, 1953
 - Knorr, L.C., 1956
 - Afraeagle paniculata*
 - Hughes, W.A. and C.A. Lister, 1953
 - Knorr, L.C., 1956
 - Arracacha esculenta*
 - Costa, A.S. and T.J. Grant, 1951
 - Citropsis articulata*
 - Hughes, W.A. and C.A. Lister, 1953
 - Citrus aurantiifolia*
 - Dickson, R.C., Metta McD. Johnson, R.A. Flock and Edward F. Laird, Jr., 1956
 - Grant, Theodore J. and Henry Schneider, 1953
 - Hughes, W.A. and C.A. Lister, 1953
 - Knorr, L.C., 1956
 - Olson, Edward O., 1956
 - Wallace, J.M., 1951, 1957
 - Wallace, J.M., P.C.J. Oberholzer and J.D.J. Hofmeyer, 1956
 - Wallace, J.M., I. Reichert, A. Bentall and E. Winocour, 1956
 - Citrus aurantium*
 - Costa, A.S. and T.J. Grant, 1951
 - Grant, Theodore J. and A.S. Costa, 1951
 - Hughes, W.A. and C.A. Lister, 1953
 - Olson, Edward O., 1956
 - Citrus combava*
 - Knorr, L.C., 1956
 - Citrus grandis*
 - Carpenter, J.B., 1957
 - Wallace, James M., 1957
 - Citrus grandis* on *Citrus aurantium*
 - Bennett, C.W. and A.S. Costa, 1949
 - Citrus hystrix*
 - Knorr, L.C., 1956
 - Citrus limon*
 - Bennett, C.W. and A.S. Costa, 1949
 - Carpenter, J.B., 1956, 1957
 - Grant, Theodore J. and Richard P. Higgins, 1957
 - Hughes, W.A. and C.A. Lister, 1953
 - Olson, Edward O. and James R. McDonald, 1954
 - Schneider, Henry, 1957
 - Wallace, James M., 1957
 - Wallace, J.M., P.C.J. Oberholzer and J.D.J. Hofmeyer, 1956
 - Wallace, J.M., I. Reichert, A. Bentall and E. Winocour, 1956
 - Citrus limon* on *Citrus aurantium*
 - Bennett, C.W. and A.S. Costa, 1949
 - Citrus limon* x *Citrus sinensis*
 - Olson, Edward O., 1956
 - Citrus limon* on *Poncirus trifoliata*
 - Olson, Edward O. and James R. McDonald, 1954
 - Citrus medica*
 - Hughes, W.A. and C.A. Lister, 1953
 - Citrus nobilis* var. *unshiu*
 - Hughes, W.A. and C.A. Lister, 1953
 - Olson, Edward O. and James R. McDonald, 1954
 - Wallace, James M., 1957
 - Citrus nobilis* var. *unshiu* on *Citrus paradisi* x *Poncirus trifoliata*
 - Olson, Edward O. and James R. McDonald, 1954
 - Citrus nobilis* var. *unshiu* on *Citrus sinensis* x *Poncirus trifoliata*
 - Olson, Edward O. and James R. McDonald, 1954
 - Citrus nobilis* var. *unshiu* on *Poncirus trifoliata*
 - Olson, Edward O. and James R. McDonald, 1954

VIRUS

V. CITRUS TRISTEZA (cont.)

- Citrus paradisi
 - Carpenter, J.B., 1957
 - Hughes, W.A. and C.A. Lister, 1953
 - Knorr, L.C., 1956
 - Olson, Edward O., 1956
 - Wallace, James M., 1957
 - Wallace, J.M., P.C.J. Oberholzer and J.D.J. Hofmeyer, 1956

Citrus paradisi on Citrus aurantium

Bennett, C.W. and A.S. Costa, 1949

Citrus paradisi x Citrus reticulata

Costa, A.S. and T.J. Grant, 1951

Hughes, W.A. and C.A. Lister, 1953

Citrus paradisi x Citrus reticulata on Citrus aurantium

Bennett, C.W. and A.S. Costa, 1949

Citrus reticulata

Bennett, C.W. and A.S. Costa, 1949

Carpenter, J.B., 1957

Hughes, W.A. and C.A. Lister, 1953

Olson, Edward O., 1956

Wallace, James M., 1957

Citrus reticulata on Citrus aurantium

Bennett, C.W. and A.S. Costa, 1949

Citrus sinensis

Carpenter, J.B., 1957

Costa, A.S. and T.J. Grant, 1951

Dickson, R.C., Metta McD. Johnson, R.A. Flock and Edward F. Laird, Jr., 1956

Grant, Theodore J. and A.S. Costa, 1951

Grant, Theodore J. and Henry Schneider, 1953

Hughes, W.A. and C.A. Lister, 1953

Knorr, L.C., 1956

Schneider, Henry, J.M. Wallace and J.E. Dimitman, 1950

Wallace, J.M., 1949, 1957

Citrus sinensis on Citrus aurantifolia

Bennett, C.W. and A.S. Costa, 1949

Citrus sinensis on Citrus aurantium

Bennett, C.W. and A.S. Costa, 1949

Schneider, Henry, 1954

Citrus sinensis on Citrus paradisi

Bennett, C.W. and A.S. Costa, 1949

Clausena anisata

Hughes, W.A. and C.A. Lister, 1953

Pamburus missiones

Knorr, L.C., 1956

V. CITRUS VEIN ENATION Wallace and Drake 1953

Citrus spp.

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. CITRUS VEIN-YELLOWING DISEASE *

Citrus aurantifolia

Weathers, L.G., 1957

Citrus aurantifolia x Fortunella margarita

Weathers, L.G., 1957

Citrus limon

Weathers, L.G., 1957

Citrus mitis

Weathers, L.G., 1957

Citrus paradisi x Citrus reticulata

Weathers, L.G., 1957

Fortunella margarita

Weathers, L.G., 1957

V. CITRUS XYLOPOROSIS Reichert and Perlberger 1934

Citrus aurantifolia

Childs, J.F.L., 1956

Citrus paradisi on Citrus aurantifolia

Olson, E.O. and A.V. Shull, 1956

Citrus paradisi on (Citrus paradisi x Citrus reticulata)

Olson, E.O. and A.V. Shull, 1956

Citrus paradisi x Citrus reticulata

Childs, J.F.L., 1956

Citrus sinensis

Childs, J.F.L., 1956

Citrus sinensis x Citrus reticulata

Childs, J.F.L., 1956

V. CLOVE SUDDEN DEATH DISEASE *

Eugenia caryophyllata

Nutman, F.J. and F.M.L. Sheffield, 1949

VIRUS

V. CLOVER BIG VEIN Black 1944

Anagallis linifolia

Black, L.M., 1945

Anthemis cotula

Black, L.M., 1945

Barbarea vulgaris

Black, L.M., 1945

Brachycome iberidifolia

Black, L.M., 1945

Capsella bursa-pastoris

Black, L.M., 1945

Lee, C.L., 1956

Chrysanthemum leucanthemum var. pinnatifidum

Black, L.M., 1945

Collinsia bicolor

Black, L.M., 1945

Dianthus armeria

Black, L.M., 1945

Dianthus barbatus

Black, L.M., 1945

Heliophila linearifolia

Black, L.M., 1945

Heliotropium peruvianum

Black, L.M., 1945

Kochia scoparia var. trichophylla

Black, L.M., 1945

Lepidium campestre

Black, L.M., 1945

Lepidium virginicum

Black, L.M., 1945

Linaria maroccana

Black, L.M., 1945

Linum grandiflorum

Black, L.M., 1945

Lobelia erinus

Black, L.M., 1945

Lychnis alba

Black, L.M., 1945

Matthiola bicornis

Black, L.M., 1945

Melilotus alba

Black, L.M., 1945, 1951

Melilotus altissima

Black, L.M., 1951

Melilotus dentata

Black, L.M., 1951

Melilotus indica

Black, L.M., 1951

Melilotus officinalis

Black, L.M., 1951

Melilotus polonica

Black, L.M., 1951

Melilotus suaveolens

Black, L.M., 1951

Melilotus taurica

Black, L.M., 1951

Melilotus tommasinii

Black, L.M., 1951

Melilotus wolgica

Black, L.M., 1951

Nicotiana tabacum

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Nierembergia frutescens

Black, L.M., 1945

Nolana atriplicifolia

Black, L.M., 1945

Phacelia campanularia

Black, L.M., 1945

Portulaca grandiflora

Black, L.M., 1945

Portulaca oleracea

Black, L.M., 1945

Reseda odorata

Black, L.M., 1945

Rheum rhaboticum

Black, L.M., 1945

Rudbeckia bicolor

Black, L.M., 1945

Rudbeckia hirta

Black, L.M., 1945

Rumex acetosa

Black, L.M., 1945

VIRUS

V. CLOVER BIG VEIN (cont.)

Rumex acetosella
Black, L.M., 1945

Rumex crispus
Black, L.M., 1945

Rumex obtusifolius
Black, L.M., 1945

Scabiosa atropurpurea
Black, L.M., 1945

Schizanthus wisetonensis
Black, L.M., 1945

Silene latifolia
Black, L.M., 1945

Tetragonia expansa
Black, L.M., 1945

Torenia fournieri
Black, L.M., 1945

Trifolium incarnatum
Black, L.M., 1945, 1953

Black, L.M. and M.K. Brakke, 1952

Maramorosch, Karl, 1950

Trifolium pratense
Black, L.M., 1945

Trigonella caerulea
Black, L.M., 1951

Venidium fastuosum
Black, L.M., 1945

Verbena hybrida
Black, L.M., 1945

Vinca rosea
Black, L.M., 1945

V. CLOVER CLUB LEAF Black 1944

Trifolium incarnatum
Black, L.M., 1948, 1949

V. CLOVER DISEASE, EUROPEAN LEAFHOPPER-

Trifolium incarnatum BORNE *

Maramorosch, Karl, 1953, 1954

V. CLOVER ENATION *

Prunus avium
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Trifolium incarnatum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. CLOVER WITCHES' BROOM *

Anthemis cotula
Frazier, N.W. and A.F. Posnette, 1957

Apium graveolens
Frazier, N.W. and A.F. Posnette, 1957

Daucus carota
Frazier, N.W. and A.F. Posnette, 1957

Duchesnea indica
Frazier, N.W. and A.F. Posnette, 1957

Fragaria vesca
Frazier, N.W. and A.F. Posnette, 1957

Lycopersicon esculentum
Frazier, N.W. and A.F. Posnette, 1957

Plantago major
Frazier, N.W. and A.F. Posnette, 1957

Solanum tuberosum
Frazier, N.W. and A.F. Posnette, 1957

Trifolium incarnatum
Frazier, N.W. and A.F. Posnette, 1957

Trifolium pratense
Frazier, N.W. and A.F. Posnette, 1957

Trifolium repens
Frazier, N.W. and A.F. Posnette, 1957

V. COCKSFoot STREAK Smith 1952

Dactylis glomerata
Smith, Kenneth M., 1952

V. (COCONUT) CADANG-CADANG DISEASE *

Cocos nucifera
Celino, M.S., 1947

V. COFFEE HOT AND COLD DISEASE *

Coffea arabica
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

VIRUS

V. COFFEE RING SPOT *

Coffea arabica
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. COLEUS MOSAIC Creager 1945

Coleus blumei
Creager, D.B., 1945

V. CORN NEW MOSAIC *

Hordeum vulgare

Finley, A.M., 1954

Setaria viridis

Finley, A.M., 1954

Triticum aestivum

Finley, A.M., 1954

V. COTTON LEAF CRUMPLE Dickson et al. 1954

Gossypium hirsutum

Dickson, R.C., M. McD. Johnson and Edward F.

Laird, 1954

V. COTTON LEAF CURL Bailey 1934; Kirkpatrick 1931

Abutilon spp.

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Althaea rosea

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Gossypium hirsutum

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Gossypium peruvianum

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Gossypium peruvianum x *Gossypium barbadense*

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Gossypium vitifolium

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Hibiscus cannabinus

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Hibiscus esculentus

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Hibiscus sabdariffa

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Sida spp.

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Urena lobata

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Zinnia elegans

Mathur, R.N., 1933

V. COTTON SMALL LEAF *

Gossypium arboreum var. *typicum* f. *indica* *

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. COTTON TEXAS *

Gossypium hirsutum

Rosberg, David W., 1957

V. COTTON VEINAL MOSAIC *

Gossypium barbadense

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Gossypium hirsutum

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Gossypium klotzschianum

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Gossypium punctatum

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Gossypium trilobum

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. COWPEA MOSAIC

Canavalia ensiformis

Anderson, C.W., 1955

Capoor, S.P. and P.M. Varma, 1956

Dale, W.T., 1949

Canavalia gladiata

Anderson, C.W., 1955

Cassia tora

Anderson, C.W., 1954, 1955

Chenopodium ambrosioides var. *anthelminticum*

Anderson, C.W., 1955

Crotalaria juncea

Capoor, S.P. and P.M. Varma, 1956

Dale, W.T., 1949

Crotalaria mucronata

Anderson, C.W., 1955

VIRUS

V. COWPEA MOSAIC (cont.)

- Crotalaria spectabilis*
Anderson, C.W., 1955
 - Cyamopsis tetragonoloba*
Capoor, S.P. and P.M. Varma, 1956
 - Desmodium frutescens*
Dale, W.T., 1949
 - Desmodium incanum*
Anderson, C.W., 1955
 - Dolichos lablab*
Anderson, C.W., 1955
Dale, W.T., 1949
 - Glycine max*
Anderson, C.W., 1955
Capoor, S.P. and P.M. Varma, 1956
Dale, W.T., 1949
 - Phaseolus angularis*
Yu, T.F., 1946
 - Phaseolus aureus*
Dale, W.T., 1949
 - Phaseolus limensis*
Anderson, C.W., 1955
 - Phaseolus lunatus*
Dale, W.T., 1949
 - Phaseolus lunatus f. macrocarpus*
Capoor, S.P. and P.M. Varma, 1956
Dale, W.T., 1949
McLean, D.M., 1941
Yu, T.F., 1946
 - Phaseolus mungo*
Dale, W.T., 1949
 - Phaseolus trinervius*
Dale, W.T., 1949
 - Psophocarpus tetragonolobus*
Dale, W.T., 1949
 - Sesbania speciosa*
Dale, W.T., 1949
 - Vicia faba*
Anderson, C.W., 1955
 - Vigna cylindrica* (*Vigna catjang*)
Capoor, S.P. and P.M. Varma, 1956
Vasudeva, R. Sahai, 1942
 - Vigna sesquipedalis*
Capoor, S.P. and P.M. Varma, 1956
 - Vigna sinensis*
Anderson, C.W., 1955, 1957
Capoor, S.P. and P.M. Varma, 1956
Dale, W.T., 1953
McLean, D.M., 1941
Yu, T.F., 1946
 - Vigna unguiculata*
Dale, W.T., 1949
 - Vigna vexillata*
Dale, W.T., 1949
 - Zinnia elegans*
Anderson, C.W., 1955
- V. CROTALARIA MOSAIC Johnson and Lefebvre 1938
- Crotalaria incana*
Jensen, D.D., 1949, 1950
Johnson, H.W. and C.L. Lefebvre, 1938
 - Crotalaria intermedia*
Johnson, H.W. and C.L. Lefebvre, 1938
 - Crotalaria juncea*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Crotalaria lanceolata*
Johnson, H.W. and C.L. Lefebvre, 1938
 - Crotalaria maxillaris*
Johnson, H.W. and C.L. Lefebvre, 1938
 - Crotalaria mucronata*
Jensen, D.D., 1949
 - Crotalaria retusa*
Johnson, H.W. and C.L. Lefebvre, 1938
 - Crotalaria spectabilis*
Johnson, H.W. and C.L. Lefebvre, 1938
 - Crotalaria striata*
Cook, Melville T., 1931
Johnson, H.W. and C.L. Lefebvre, 1938
 - Crotalaria usaramoensis*
Johnson, H.W. and C.L. Lefebvre, 1938
 - Vicia faba*
Johnson, H.W. and C.L. Lefebvre, 1938

VIRUS

V. CRUCIFER RING SPOT *

- Brassica oleracea* var. *acephala*
Smith, Kenneth M., 1935
 - Brassica oleracea* var. *capitata*
Smith, Kenneth M., 1935
 - Brassica oleracea* var. *gemmifera*
Smith, Kenneth M., 1935
 - Nicotiana glutinosa*
Smith, Kenneth M., 1935
 - Nicotiana langsdorffii*
Smith, Kenneth M., 1935
 - Nicotiana tabacum*
Smith, Kenneth M., 1935
- V. CUCUMBER GREEN MOTTLE MOSAIC Ainsworth 1935 ((This virus is serologically related to V. tobacco mosaic and is generally regarded as a strain of it, but see Knight 1955))
- Citrullus vulgaris*
Ainsworth, G.C., 1935
 - Colocynthis vulgaris*
Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - Cucumis anguria*
Ainsworth, G.C., 1935
 - Cucumis maderaspatanus*
Ainsworth, G.C., 1935
 - Cucumis melo*
Ainsworth, G.C., 1935
Azad, R.N., 1956
 - Cucumis melo* var. *utilissimus**
Azad, R.N., 1956
 - Cucumis sativus*
Ainsworth, G.C., 1935
Fulton, Robert W., 1950
Johnson, Folke, 1941
Vasudeva, R.S. and T.K. Nariani, 1952
Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - Cucurbita moschata*
Vasudeva, R.S. and T.K. Nariani, 1952
Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - Cucurbita pepo*
Ainsworth, G.C., 1935
Storey, I.F., 1939
 - Datura stramonium*
Ainsworth, G.C., 1935
Vasudeva, R.S. and T.K. Nariani, 1952
Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - Lagenaria siceraria* (*Lagenaria leucantha*)
Azad, R.N., 1956
Vasudeva, R.S. and T.K. Nariani, 1952
Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - Luffa acutangula*
Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - Lycopersicon esculentum*
Ainsworth, G.C., 1935
 - Momordica charantia*
Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - Nicotiana tabacum*
Ainsworth, G.C., 1935
Storey, I.F., 1939
Vasudeva, R.S. and T.K. Nariani, 1952
 - Solanum nigrum*
Vasudeva, R.S. and T.K. Nariani, 1952
 - Solanum nodiflorum*
Vasudeva, R.S. and T.K. Nariani, 1952
 - Spinacia oleracea*
Storey, I.F., 1939
 - Trichosanthes anguina*
Azad, R.N., 1956
- V. CUCUMBER MOSAIC Doolittle 1916, 1920
- Adenia* spp.
Natrass, R.M., 1944
 - Allium cepa*
Wellman, F.L., 1935

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Alternanthera ficoidea*
Dale, W. T., 1954
- Amaranthus caudatus*
Fulton, Joseph P., 1950
Pound, Glenn S. and J.C. Walker, 1948
Price, W.C., 1940
- Amaranthus tricolor*
Price, W.C., 1940
- Ambrosia artemisiifolia var. elatior*
Wellman, F.L., 1935
- Ananas comosus*
Carter, W., 1935
- Anethum graveolens*
Wellman, F.L., 1935
- Anthemis cotula*
Bennett, G., 1934
- Anthriscus cerefolium*
Price, W.C., 1940
- Antirrhinum majus*
Berkeley, G.H., 1951, 1953
Brierley, Philip, 1952
Doolittle, S.P. and W.J. Zaumeyer, 1953
Hollings, M., 1955
Nienow, Inez, 1948
Pound, Glenn S. and J.C. Walker, 1948
Wellman, F.L., 1935
- Apium graveolens*
Anderson, C.W., 1955
Bhargava, K.S., 1951
Doolittle, S.P. and F.L. Wellman, 1934
Doolittle, S.P. and W.J. Zaumeyer, 1953
Fulton, Robert W., 1941
Wellman, F.L., 1935
- Apium graveolens* var. *dulce*
Anderson, C.W., 1951
Severin, Henry H.P., 1950
Simons, John N., 1955, 1957
Wellman, F.L., 1934
Whipple, O.C. and J.C. Walker, 1941
- Apium graveolens* var. *rapaceum*
Wellman, F.L., 1935
- Aquilegia vulgaris*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Asclepias curassavica*
Silberschmidt, K., 1955
- Aster amellus*
Pound, Glenn S. and J.C. Walker, 1948
- Atropa belladonna*
Wellman, F.L., 1935
- Barbarea vulgaris*
Pound, Glenn S. and J.C. Walker, 1948
- Benincasa hispida*
Jagger, I.C., 1918
- Berberis thunbergii*
Wilkinson, R.E., 1953
- Beta vulgaris*
Anderson, C.W., 1951
Bennett, C.W., 1944
Berkeley, G.H. and J.H. Tremaine, 1954
Bhargava, K.S., 1951
Fulton, Joseph P., 1950
Harrison, B.D., 1958
Hoggan, I.A., 1933
Johnson, E.M., 1930
Severin, Henry H.P., 1948
Wellman, F.L., 1934, 1935
- Beta vulgaris* var. *cicla*
Berkeley, G.H. and J.H. Tremaine, 1954
Bhargava, K.S., 1951
Fulton, Joseph P., 1950
Nienow, Inez, 1948
Simons, John N., 1955, 1957
Wellman, F.L., 1935
- Brassica campestris* var. *napobrassica*
Berkeley, G.H. and J.H. Tremaine, 1954
- Brassica juncea* (*Brassica japonica*)
Pound, Glenn S. and J.C. Walker, 1948
- Brassica kaber* (*Brassica arvensis*)
Pound, Glenn S. and J.C. Walker, 1948
- Brassica napus*
Berkeley, G.H. and J.H. Tremaine, 1954
Pound, Glenn S. and J.C. Walker, 1948

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Brassica nigra*
Pound, Glenn S. and J.C. Walker, 1948
- Brassica oleracea* var. *acephala*
Pound, Glenn S. and J.C. Walker, 1948
- Brassica oleracea* var. *botrytis*
Pound, Glenn S. and J.C. Walker, 1948
- Brassica oleracea* var. *capitata*
Pound, Glenn S. and J.C. Walker, 1948
- Brassica oleracea* var. *gemmifera*
Pound, Glenn S. and J.C. Walker, 1948
- Brassica oleracea* var. *gongylodes*
Pound, Glenn S. and J.C. Walker, 1948
- Brassica pekinensis*
Pound, Glenn S. and J.C. Walker, 1948
- Brassica rapa*
Wellman, F.L., 1935
- Browallia speciosa*
Price, W.C., 1940
- Bryonia dioica*
Ainsworth, G.C., 1935
- Buddleia* spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Cajanus indicus*
Dale, W.T., 1949
- Calendula officinalis*
Nienow, Inez, 1948
Pound, Glenn S. and J.C. Walker, 1948
Price, W.C., 1940
- Callistephus hortensis*
Govier, D.A., 1957
- Calochortus* spp.
Brierley, Philip and Floyd F. Smith, 1944
- Canna indica*
Celino, Martin S., 1940
Celino, M.S. and Aureo L. Martinez, 1956
Magee, C.J.P., 1940
- Canna* spp.
Ocfemia, G.O. and Martin S. Celino, 1938
- Capsella bursa-pastoris*
Burnett, G., 1934
Pound, Glenn S. and J.C. Walker, 1948
- Capsicum frutescens* (*Capsicum annuum*)
Adsuar, Jose and A. Cruz Miret, 1950
Anderson, C.W., 1951, 1955, 1957
Anderson, C.W. and M.K. Corbett, 1957
Berkeley, G.H., 1951, 1953
Doolittle, S.P., 1931
Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
Fulton, Robert W., 1941
Harter, L.L., 1938
Hoggan, Isme A., 1927
Hollings, M., 1955
Johnson, E.M., 1930
Johnson, J., 1926, 1927
Nariani, T.K. and Nirmaljit Singh, 1952
Simons, John N., 1955, 1957
Wellman, F.L., 1935
Whipple, O.C. and J.C. Walker, 1941
- Capsicum frutescens* var. *cerasiforme*
Pound, Glenn S. and J.C. Walker, 1948
- Capsicum frutescens* var. *conoides*
Wellman, F.L., 1934
- Capsicum frutescens* var. *grossum*
Wellman, F.L., 1934, 1935
- Catharanthus roseus*
Adsuar, Jose and A. Cruz Miret, 1950
- Celosia argentea* var. *cristata*
Price, W.C., 1940
- Centaura moschata*
Price, W.C., 1940
- Chayota edulis*
Wellman, F.L., 1935
- Cheiranthus allionii*
Pound, Glenn S. and J.C. Walker, 1948
- Cheiranthus cheiri*
Berkeley, G.H. and J.H. Tremaine, 1954
- Chenopodium album*
Fulton, Joseph P., 1950
- Chenopodium amaranticolor*
Harrison, B.D., 1958

VIRUS

- V. CUCUMBER MOSAIC (cont.)
Chenopodium amaranticolor
 Hollings, M., 1955, 1956
Chenopodium hybridum
 Roberts, Daniel A., 1952
 Roberts, Daniel A., R.E. Wilkinson and A. Frank Ross, 1951
Chenopodium murale
 Wellman, F.L., 1935
Chrysanthemum carinatum
 Govier, D.A., 1957
Chrysanthemum hortorum
 Graham, D.C., 1957
Chrysanthemum morifolium
 Hollings, M., 1955
 Whipple, O.C. and J.C. Walker, 1941
Chrysanthemum segetum
 Govier, D.A., 1957
Chrysanthemum spp.
 Govier, D.A., 1957
 Price, W.C., 1940
Cichorium endivia
 Price, W.C., 1940
Citrullus citrullus
 Adsuar, Jose and A. Cruz Miret, 1950
Citrullus vulgaris
 Anderson, C.W., 1951
 Aycock, Robert, 1951
 Bhargava, K.S., 1951
 Jagger, I.C., 1918
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Porter, R.H., 1930
 Pound, Glenn S. and J.C. Walker, 1948
 Vasudeva, R. Sahai and T.B. Lal, 1943
 Wellman, F.L., 1934, 1935
 Whipple, O.C. and J.C. Walker, 1941
Citrus medica
 Porter, R.H., 1930
Clarkia elegans
 Price, W.C., 1940
Cleome spinosa
 Adsuar, Jose and A. Cruz Miret, 1950
 Faan, Hwei Chung and James Johnson, 1951
 Price, W.C., 1940
Colchicum autumnale
 Brierley, Philip and Floyd F. Smith, 1944
Coleus blumei
 Price, W.C., 1940
Coleus lanuginosus
 Adsuar, Jose and A. Cruz Miret, 1950
Commelina communis
 Price, W.C., 1935
 Wellman, F.L., 1935
Commelina diffusa
 Dale, W.T., 1954
Commelina elegans
 Anderson, C.W., 1952
 Dale, W.T., 1954
Commelina erecta
 Wellman, F.L., 1935
Commelina gigas
 Anderson, C.W., 1951, 1952
Commelina nudiflora
 Anderson, C.W., 1952
 Price, W.C., 1941
 Wellman, F.L., 1934, 1935
Commelina spp.
 Simons, John N., 1957
Convolvulus spp.
 Wellman, F.L., 1935
Crassina elegans
 Adsuar, Jose and A. Cruz Miret, 1950
Crotalaria intermedia
 Price, W.C., 1940
Crotalaria mucronata
 Anderson, C.W., 1955
Cucumis anguria
 Jagger, I.C., 1918
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 Wellman, F.L., 1935
Cucumis melo
 Adsuar, Jose and A. Cruz Miret, 1950
 Doolittle, S.P., 1916
 Jagger, I.C., 1918
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Pound, Glenn S. and J.C. Walker, 1948
 Vasudeva, R. Sahai and T.B. Lal, 1943
 Wellman, F.L., 1934, 1935

VIRUS

- V. CUCUMBER MOSAIC (cont.)
Cucumis melo
 Adsuar, Jose and A. Cruz Miret, 1950
 Doolittle, S.P., 1916
 Jagger, I.C., 1918
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Pound, Glenn S. and J.C. Walker, 1948
 Vasudeva, R. Sahai and T.B. Lal, 1943
 Wellman, F.L., 1934, 1935
Cucumis melo var. chito
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
Cucumis melo var. conomon
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
Cucumis melo var. flexuosus
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
Cucumis melo var. inodorus
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 Whipple, O.C. and J.C. Walker, 1941
Cucumis melo var. reticulatus
 Anderson, C.W., 1952
 Aycock, Robert, 1951
 Freitag, J.H., 1952
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 Whipple, O.C. and J.C. Walker, 1941
Cucumis sativus
 Adsuar, Jose and A. Cruz Miret, 1950
 Ainsworth, G.C., 1938, 1940
 Anderson, C.W., 1951, 1952, 1955
 Aycock, Robert, 1951
 Berkeley, G.H., 1951, 1953
 Bhargava, K.S., 1951
 Brierley, Philip, 1939
 Burnett, G., 1934
 Cook, M.T., 1937
 Dale, W.T., 1954
 Diachun, Stephen, 1952
 Doolittle, S.P., 1916
 Doolittle, S.P. and M.N. Walker, 1928
 Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
 Elmer, O.H., 1927
 Freitag, J.H., 1952
 Fulton, Joseph P., 1950
 Fulton, Robert W., 1941
 Govier, D.A., 1957
 Hagedorn, D.J. and J.C. Walker, 1954
 Harrison, B.D., 1958
 Harter, L.L., 1936, 1938
 Hoggan, Isme A., 1933, 1935
 Hollings, M., 1955
 Jagger, I.C., 1916, 1918
 Johnson, E.M., 1930
 Larsh, Howard W. and J.R. Shay, 1945
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Magee, C.J.P., 1940
 Milbrath, J.A. and Roy A. Young, 1956
 Nariani, T.K. and Nirmaljit Singh, 1952
 Nienow, Inez, 1948
 Porter, Clark A., 1954
 Porter, R.H., 1928, 1929, 1930
 Pound, Glenn S. and J.C. Walker, 1948
 Price, W.C., 1934, 1937, 1941
 Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
 Shiffriss, Oved, C.H. Myers and Charles Chupp, 1942
 Silberschmidt, K., 1955
 Sill, Webster H., Jr., 1951
 Sill, W.H., Jr. and J.C. Walker, 1952
 Simons, John N., 1955, 1957
 Sinclair, J.B. and J.C. Walker, 1956
 Smith, Floyd F. and Philip Brierley, 1944
 Storey, I.F., 1939
 Valreau, W.D., 1932
 Varney, E.H. and J. Duain Moore, 1951
 Vasudeva, R. Sahai and T.B. Lal, 1943
 Walker, M.N., 1926
 Wellman, F.L., 1934, 1935

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Cucumis sativus*
Whipple, O.C. and J.C. Walker, 1938, 1941
- Cucurbita lagenaria*
Adsuar, Jose and A. Cruz Miret, 1950
- Cucurbita maxima*
Anderson, C.W., 1952
Aycock, Robert, 1951
Jagger, I.C., 1918
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Magee, C.J.P., 1940
Pound, Glenn S. and J.C. Walker, 1948
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
Wellman, F.L., 1935
- Cucurbita moschata*
Adsuar, Jose and A. Cruz Miret, 1950
Jagger, I.C., 1918
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
- Cucurbita pepo*
Adsuar, Jose and A. Cruz Miret, 1950
Jagger, I.C., 1916, 1918
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Pound, Glenn S. and J.C. Walker, 1948
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947
Vasudeva, R. Sahai and T.B. Lal, 1943
Wellman, F.L., 1935
Whipple, O.C. and J.C. Walker, 1941
- Cucurbita pepo* var. *melopepo*
Anderson, C.W., 1951
Jagger, I.C., 1916
Wellman, F.L., 1934, 1935
- Cucurbita pepo* var. *ovifera*
Jagger, I.C., 1916
- Cuscuta campestris*
Costa, A.S., 1944
- Cuscuta subinclusa*
Bennett, C.W., 1940
- Cymbalaria muralis*
Price, W.C., 1940
- Cynoglossum amabile*
Fulton, Robert W., 1941
Wellman, F.L., 1935
- Dahlia pinnata*
Pound, Glenn S. and J.C. Walker, 1948
- Dahlia variabilis*
Brierley, Philip, 1951
- Daphne mezereum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Daphne odora*
Milbrath, J.A. and Roy A. Young, 1956
- Datura metel*
Pound, Glenn S. and J.C. Walker, 1948
- Datura meteloides*
Wellman, F.L., 1935
- Datura stramonium*
Berkeley, G.H., 1951, 1953
Bhargava, K.S., 1951
Doolittle, S.P. and W.J. Zaumeyer, 1953
Govier, D.A., 1957
Hagedorn, D.J. and J.C. Walker, 1954
Harrison, B.D., 1958
Hollings, M., 1955
Johnson, E.M., 1930
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Nariani, T.K. and Nirmaljit Singh, 1952
Nienow, Inez, 1948
Smith, Kenneth M., 1935
Wellman, F.L., 1934, 1935
Whipple, O.C. and J.C. Walker, 1941
- Daucus carota*
Wellman, F.L., 1935
- Delphinium ajacis*
Nienow, Inez, 1948
- Delphinium consolida*
Wellman, F.L., 1935
- Delphinium cultorum*
Valleau, W.D., 1932
- Delphinium formosum*
Severin, Henry H.P., 1942

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Delphinium hybrid*
Severin, Henry H.P., 1942
- Delphinium parryi* var. *maritimum*
Severin, Henry H.P., 1942
- Delphinium spp.*
Burnett, G., 1934
- Dipsacus spp.*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Dolichos lablab*
Anderson, C.W., 1955
- Echinocystis lobata*
Doolittle, S.P. and W.W. Gilbert, 1918
- Emilia sagittata*
Wellman, F.L., 1934, 1935
- Ensete glaucum*
Bernardo, Fernando A. and Dioscoro L. Umali, 1956
- Eryngium aquaticum*
Johnson, James, 1946
- Johnson, James and Edith M. Hein, 1948*
- Erysimum cheiranthoides*
Pound, Glenn S. and J.C. Walker, 1948
- Euchlaena mexicana*
Wellman, F.L., 1934, 1935
- Euphorbia corollata*
Faan, Hwei-Chung and James Johnson, 1951
- Euphorbia splendens*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Fagopyrum esculentum*
Fulton, Robert W., 1941
Wellman, F.L., 1935
- Foeniculum vulgare*
Wellman, F.L., 1935
- Fritillaria pudica*
Brierley, Philip and Floyd F. Smith, 1944
- Geranium carolinianum*
Wellman, F.L., 1935
- Gilia capitata*
Wellman, F.L., 1935
- Gilia liniflora*
Price, W.C., 1940
- Gladiolus hortulanus*
Berkeley, G.H., 1951, 1953
Bridgmon, G.H., 1951
Brierley, Philip, 1952
- Gladiolus spp.*
Faan, Hwei-Chung and James Johnson, 1951
- Gloriosa rothschildiana*
Brierley, Philip and Floyd F. Smith, 1944
- Glycine max*
Hagedorn, D.J., 1950, 1952
Hagedorn, D.J. and J.C. Walker, 1954
- Godezia amoena*
Price, W.C., 1940
- Gomphrena globosa*
Berkeley, G.H. and J.H. Tremaine, 1954
Doolittle, S.P. and W.J. Zaumeyer, 1953
- Helianthus debilis*
Jagger, I.C., 1918
- Helichrysum bracteatum*
Govier, D.A., 1957
Price, W.C., 1940
- Heliotropium corymbosum*
Price, W.C., 1940
- Heliotropium peruvianum*
Price, W.C., 1940
- Hesperis matronalis*
Berkeley, G.H. and J.H. Tremaine, 1954
Pound, Glenn S. and J.C. Walker, 1948
- Hibiscus esculentus*
Fulton, Robert W., 1941
- Hibiscus manihot*
Price, W.C., 1940
- Holcus sorghum*
Wellman, F.L., 1934, 1935
- Hyacinthus orientalis*
Ainsworth, G.C., 1938
- Hyoscyamus niger*
Govier, D.A., 1957
- Hoggan, Isme A., 1927
- Johnson, James, 1927

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Impatiens balsamina*
Price, W.C., 1940
- Impatiens sultani* (or sometimes *Impatiens holstii*)
Adsuar, Jose, 1955
- Ipomoea batata*
Wellman, F.L., 1935
- Ipomoea purpurea*
Pound, Glenn S. and J.C. Walker, 1948
Wellman, F.L., 1935
- Lactuca sativa*
Anderson, C.W., 1955
Hollings, M., 1955
Kassanis, B., 1947
Price, W.C., 1940
- Lactuca scariola*
Burnett, G., 1934
- Lagenaria vulgaris*
Jagger, I.C., 1918
Vasudeva, R. Sahai and T.B. Lal, 1943
- Lathyrus odoratus*
Ainsworth, G.C., 1940
Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
- Lavatera trimestris*
Price, W.C., 1940
- Leonurus cardiaca*
Faan, Hwei-Chung and James Johnson, 1951
- Ligustrum* spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Lilium auratum*
Brierley, Philip, 1940
Guterman, C.E.F., 1928
Wellman, F.L., 1935
- Lilium brownii*
Brierley, Philip, 1940
- Lilium canadense*
Brierley, Philip, 1940
- Lilium candidum*
Brierley, Philip, 1940
- Lilium croceum*
Brierley, Philip, 1940
- Lilium formosanum* *Brierley, Philip, 1939
Brierley, Philip and S.P. Doolittle, 1940
Brierley, Philip and Floyd F. Smith, 1944
- Lilium harrisi* (*Lilium longiflorum* var. *eximium*)
Ainsworth, G.C., 1938
Ogilvie, L. and C.E.F. Guterman, 1929
- Lilium longiflorum*
Brierley, Philip, 1939
Brierley, Philip and S.P. Doolittle, 1940
McWhorter, F.P. and H.H. Millsap, 1954
Porter, Clark A., 1954
Price, W.C., 1937
Smith, Floyd F. and Philip Brierley, 1948
Wellman, F.L., 1935
- Lilium longiflorum* var. *formosum*
Ainsworth, G.C., 1938
- Lilium monadelphum*
Brierley, Philip, 1940
- Lilium regale*
Brierley, Philip, 1940
- Lilium sargentiae*
Brierley, Philip, 1940
- Lilium speciosum*
Brierley, Philip, 1940
Brierley, Philip and S.P. Doolittle, 1940
- Lilium speciosum* var. *rubrum*
McWhorter; F.P. and H.H. Millsap, 1954
- Lilium* spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Lilium superbum*
Brierley, Philip, 1940
- Lilium tigrinum*
Brierley, Philip, 1940
Brierley, Philip and Floyd F. Smith, 1944
- Lilium umbellatum*
Brierley, Philip, 1940
- Lilium wallacei*
Brierley, Philip, 1940
- Lobelia gracilis*
Jagger, I.C., 1918

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Lobelia tenuior*
Price, W.C., 1940
- Lobularia maritima*
Pound, Glenn S. and J.C. Walker, 1948
Price, W.C., 1940
- Luffa acutangula*
Adsuar, Jose and A. Cruz Miret, 1950
- Luffa* spp.
Jagger, I.C., 1918
- Lupinus angustifolius*
Whipple, O.C. and J.C. Walker, 1941
- Lupinus hartwegii*
Whipple, O.C. and J.C. Walker, 1941
- Lychnis alba*
Faan, Hwei-Chung and James Johnson, 1951
Price, W.C., 1940
- Lychnis chalcedonica*
Price, W.C., 1940
- Lychnis viscaria*
Wellman, F.L., 1935
- Lycopersicon esculentum*
Ainsworth, G.C., 1940
Anderson, C.W., 1951, 1955
Berkeley, G.H., 1951, 1953
Bhargava, K.S., 1951
Bridgmon, G.H. and J.C. Walker, 1952
Burnett, G., 1934
Doolittle, S.P. and L.J. Alexander, 1936, 1951
Doolittle, S.P. and W.J. Zaumeyer, 1953
Fulton, Joseph P., 1950
Fulton, Robert W., 1941
Govier, D.A., 1957
Harrison, B.D., 1958
Harter, L.L., 1938
Heuberger, J.W. and J.B.S. Norton, 1933
Hoggan, Isme A., 1927, 1935
Hollings, M., 1955
Johnson, E.M., 1930
Johnson, J., 1926, 1927
Johnson, James and Edith M. Hein, 1948
Larsh, Howard W. and J.R. Shay, 1945
Magee, C.J.P., 1940
Mogendorff, N., 1930
Nariani, T.K. and Nirmaljit Singh, 1952
Nienow, Inez, 1948
Pound, Glenn S. and J.C. Walker, 1948
Price, W.C., 1934
Selman, Ireson W., 1941
Severin, Henry H.P., 1950
Simons, John N., 1955
Storey, I.F., 1939
Valleau, W.D., 1932
Valleau, W.D. and E.M. Johnson, 1930
Wellman, F.L., 1934, 1935
Whipple, O.C. and J.C. Walker, 1941
- Lycopersicon esculentum* var. *grandifolium*
Mogendorff, N., 1930
- Lycopersicon lycopersicum* *
Adsuar, Jose and A. Cruz Miret, 1950
- Lythrum salicaria*
Price, W.C., 1940
- Maranta arundinaceae*
Celino, M.S. and Aureo L. Martinez, 1956
- Marrubium vulgare*
Burnett, G., 1934
- Matthiola incana*
Berkeley, G.H. and J.H. Tremaine, 1954
- Matthiola incana* var. *annua*
Pound, Glenn S. and J.C. Walker, 1948
- Melilotus alba*
Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
- Melilotus officinalis*
Hagedorn, D.J., 1950
Hagedorn, D.J. and J.C. Walker, 1954
Whipple, O.C. and J.C. Walker, 1941
- Melothria guadalupensis*
Adsuar, Jose and A. Cruz Miret, 1950
- Melothria scabra*
Jagger, I.C., 1918
- Mertensia virginica*
Nienow, Inez, 1948

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Mesembryanthemum crystallinum*
Wellman, F.L., 1935
- Mimulus moschatus*
Price, W.C., 1940
- Mollugo verticillata*
Faan, Hwei-Chung and James Johnson, 1951
- Momordica balsamina*
Jagger, I.C., 1918
- Momordica charantia*
Simons, John N., 1957
- Vasudeva*, R. Sahai and T.B. Lal, 1943
- Musa banksii*
Bernardo, Fernando A. and Dioscoro L. Umali, 1956
- Musa cavendishii*
Magee, C.J.P., 1940
Wellman, F.L., 1934, 1935
- Musa ensete*
Magee, C.J.P., 1940
- Musa paradisiaca* subsp. *sapientum*
Castillo, Bernardo S., 1952
- Magee*, C.J.P., 1940
Wellman, F.L., 1934, 1935
- Musa textilis*
Bernardo, Fernando A. and Dioscoro L. Umali, 1956
- Calinisan, Melanio R., 1938, 1940
- Celino, M.S. and Aureo L. Martinez, 1955, 1956
- Lawas, Orcencio M. and William L. Fernandez, 1949
- Magee, C.J.P., 1940
- Ocfemia, G.O. and Martin S. Celino, 1938
- Ocfemia, G.O., Martin S. Celino and Feliciano J. Garcia, 1947
- Musa textilis* x *Musa balbisiana*
Bernardo, Fernando A. and Dioscoro L. Umali, 1956
- Musa textilis* x *Musa banksii*
Bernardo, Fernando A. and Dioscoro L. Umali, 1956
- Myosotis sylvatica*
Price, W.C., 1940
- Nasturtium officinale* (*Rorippa nasturtium-aquaticum*)
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Nemesia strumosa*
Price, W.C., 1940
- Nicandra physalodes*
Burnett, G., 1934
Hoggan, Isme A., 1927
Johnson, E.M., 1930
Pound, Glenn S. and J.C. Walker, 1948
Wellman, F.L., 1935
- Nicotiana affinis*
Govier, D.A., 1957
- Nicotiana alata*
Price, W.C., 1941
- Nicotiana bigelovii* var. *quadrivalvis* *
Price, W.C., 1940, 1941
- Nicotiana glauca*
Hoggan, Isme A., 1927
Johnson, J., 1926, 1927
Nariani, T.K. and Nirmaljit Singh, 1952
Price, W.C., 1941
- Nicotiana glutinosa*
Adsuar, Jose and A. Cruz Miret, 1950
Ainsworth, G.C., 1935, 1940
Anderson, C.W., 1951, 1955
Anderson, C.W. and M.K. Corbett, 1957
Berkeley, G.H., 1951, 1953
Berkeley, G.H. and J.H. Tremaine, 1954
Bhargava, K.S., 1951
Black, L.M. and W.C. Price, 1940
Bridgmon, G.H. and J.C. Walker, 1952
Costa, A.S., 1944
Doolittle, S.P. and W.J. Zaumeyer, 1953
Fulton, Robert W., 1941

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Nicotiana glutinosa*
Nienow, Inez, 1948
Pound, Glenn S. and J.C. Walker, 1948
Price, W.C., 1934, 1941
Roberts, Daniel A., 1952
Silberschmidt, K., 1955
Sill, W.H., Jr. and J.C. Walker, 1952
Simons, John N., 1955, 1957
Smith, Kenneth M., 1935
Storey, I.F., 1939
Wellman, F.L., 1934, 1935
Whipple, O.C. and J.C. Walker, 1941
- Nicotiana langsdorffii*
Price, W.C., 1934
Smith, Kenneth M., 1935
- Nicotiana paniculata*
Govier, D.A., 1957
- Nicotiana repanda*
Nienow, Inez, 1948
- Nicotiana rustica*
Doolittle, S.P. and W.J. Zaumeyer, 1953
Govier, D.A., 1957
Johnson, E.M., 1930
Johnson, J., 1926, 1927
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Pound, Glenn S. and J.C. Walker, 1948
- Nicotiana sanderae*
Wellman, F.L., 1935
- Nicotiana sylvestris*
Govier, D.A., 1957
Nienow, Inez, 1948
Wellman, F.L., 1935
- Nicotiana tabacum*
Adsuar, Jose and A. Cruz Miret, 1950
Ainsworth, G.C., 1938, 1940
Anderson, C.W., 1951, 1955
Bennett, C.W., 1944
Berkeley, G.H., 1951, 1953
Berkeley, G.H. and J.H. Tremaine, 1954
Bhargava, K.S., 1951
Black, L.M. and W.C. Price, 1940
Bridgmon, G.H. and J.C. Walker, 1952
Brierley, Philip, 1939, 1940, 1951
Brierley, Philip and S.P. Doolittle, 1940
Burnett, G., 1934
Costa, A.S., 1944
Diachun, Stephen, 1952
Doncaster, J.P. and B. Kassanis, 1946
Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
Dykstra, T.P., 1939
Fulton, Joseph P., 1950
Fulton, Robert W., 1941, 1953
Govier, D.A., 1957
Hagedorn, D.J. and J.C. Walker, 1954
Harrison, B.D., 1958
Harter, L.L., 1936, 1938
Hoggan, Isme A., 1927, 1930, 1933, 1934, 1935
Johnson, E.M., 1930
Johnson, J., 1926, 1927, 1933
Kassanis, B., 1947
Larsh, Howard W. and J.R. Shay, 1945
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Magee, C.J.P., 1940
McKinney, H.H., 1943
Nariani, T.K. and Nirmaljit Singh, 1952
Nienow, Inez, 1948
Nolla, J.A.B., 1934
Pound, Glenn S. and J.C. Walker, 1948
Price, W.C., 1934, 1936, 1937, 1941
Silberschmidt, K., 1955
Sill, Webster H., Jr., 1951
Sill, W.H., Jr. and J.C. Walker, 1952
Simons, John N., 1955, 1957
Smith, Floyd F. and Philip Brierley, 1944
Smith, Kenneth M., 1935
Valleau, W.D., 1935
Wellman, F.L., 1934, 1935
Whipple, O.C. and J.C. Walker, 1938, 1941
Wilkinson, R.E., 1953
- Nicotiana tabacum* x *Nicotiana glutinosa*
Bridgmon, G.H. and J.C. Walker, 1952
Sill, W.H., Jr. and J.C. Walker, 1952

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Passiflora alba*
McKnight, T., 1953
- Passiflora caerulea*
Nattrass, R.M., 1944
- Passiflora edulis*
McKnight, T., 1953
Nattrass, R.M., 1944
- Passiflora edulis f. flavicarpa **
McKnight, T., 1953
- Passiflora foetida*
McKnight, T., 1953
- Passiflora ligularis*
Nattrass, R.M., 1944
- Passiflora suberosa*
McKnight, T., 1953
- Passiflora subpeltata*
Nattrass, R.M., 1944
- Pastinaca sativa*
Wellman, F.L., 1935
- Pelargonium hortorum* (X *P. zonale*)
Wellman, F.L., 1935
- Penstemon* spp.
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- Petroselinum hortense*
Wellman, F.L., 1935
- Petunia hybrida*
Berkeley, G.H., 1953
Berkeley, G.H. and J.H. Tremaine, 1954
- Burnett*, G., 1934
- Dale, W.T., 1954
- Doolittle, S.P. and W.J. Zaumeyer, 1953
- Govier, D.A., 1957
- Harrison, B.D., 1958
- Harter, L.L., 1938
- Nariani, T.K. and Nirmaljit Singh, 1952
- Nienow, Inez, 1948
- Pound, Glenn S. and J.C. Walker, 1948
- Wellman, F.L., 1935
- Petunia violacea*
Hoggan, Isme A., 1927
Johnson, J., 1926, 1927
- Phacelia tanacetifolia*
Wellman, F.L., 1935
- Phacelia whitavia* (*Whitavia grandiflora*)
Wellman, F.L., 1934, 1935
- Phaseolus acutifolius* var. *latifolius*
Doolittle, S.P. and W.J. Zaumeyer, 1953
- Phaseolus aureus*
Price, W.C., 1940
- Phaseolus calcaratus*
Doolittle, S.P. and W.J. Zaumeyer, 1953
- Phaseolus limensis*
Anderson, C.W., 1955
- Harter, L.L., 1936
- Thomas, H. Rex, W.J. Zaumeyer and Hans Jorgensen, 1951
- Phaseolus lunatus*
Doolittle, S.P. and W.J. Zaumeyer, 1953
Whipple, O.C. and J.C. Walker, 1941
- Phaseolus lunatus* f. *macrocarpus*
Harter, L.L., 1938
- Pryor, Dean E. and Robert E. Wester, 1946
- Phaseolus vulgaris*
Anderson, C.W., 1955
- Berkeley, G.H., 1951
- Bhargava, K.S., 1951
- Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
- Fulton, Joseph P., 1950
- Hagedorn, D.J., 1950
- Hagedorn, D.J. and J.C. Walker, 1954
- Harrison, B.D., 1958
- Hollings, M., 1955
- Silberschmidt, K., 1955
- Thomas, H. Rex and W.J. Zaumeyer, 1953
- Whipple, O.C. and J.C. Walker, 1938, 1941
- Phlox drummondii*
Faan, Hwei-Chung and James Johnson, 1951
- Govier, D.A., 1957
- Pound, Glenn S. and J.C. Walker, 1948
- Wellman, F.L., 1935
- Phlox paniculata*
Faan, Hwei-Chung and James Johnson, 1951

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Physalis alkekengi*
Wellman, F.L., 1935
- Physalis angulata*
Adsuar, Jose and A. Cruz Miret, 1950
Wellmna, F.L., 1935
- Physalis floridana*
Ross, A. Frank, 1950, 1953
- Physalis franchetti*
Hoggan, Isme A., 1927
- Physalis heterophylla*
Walker, M.N., 1925
- Physalis heterophylla* var. *nyctaginea*
Johnson, E.M., 1930
- Physalis lagascae*
Wellman, F.L., 1934, 1935
- Physalis peruviana*
Govier, D.A., 1957
- Holmes, Francis O., 1942
- Simons, John N., 1957
- Wellman, F.L., 1935
- Physalis pubescens*
Hoggan, Isme A., 1927
Johnson, E.M., 1930
Johnson, J., 1926, 1927
Pound, Glenn S. and J.C. Walker, 1948
Walker, M.N., 1925, 1926
Wellman, F.L., 1934, 1935
- Physalis* spp.
Wellman, F.L., 1935
- Physalis subglabrata*
Walker, M.N., 1925
- Phytolacca americana*
Harter, L.L., 1938
- Wellman, F.L., 1935
- Phytolacca decandra*
Diachun, Stephen, 1952
- Hoggan, Isme A., 1935
- Johnson, E.M., 1930
- Johnson, J., 1926, 1927
- Phytolacca esculenta*
Bhargava, K.S., 1951
- Phytolacca rigida*
Wellman, F.L., 1935
- Pisum sativum*
Ainsworth, G.C., 1940
- Anderson, C.W., 1955
- Berkeley, G.H., 1951
- Bhargava, K.S., 1951
- Doolittle, S.P. and W.J. Zaumeyer, 1953
- Fulton, Joseph P., 1950
- Hagedorn, D.J., 1950, 1952
- Hagedorn, D.J. and J.C. Walker, 1954
- Pound, Glenn S. and J.C. Walker, 1948
- Whipple, O.C. and J.C. Walker, 1938, 1941
- Polanisia trachysperma*
Price, W.C., 1940
- Polemonium caeruleum*
Faan, Hwei-Chung and James Johnson, 1951
- Portulaca grandiflora*
Price, W.C., 1940
- Primula obconica*
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- Govier, D.A., 1957
- Severin, Henry H.P. and C.M. Tompkins, 1950
- Smith, Kenneth M., 1935
- Primula sinensis*
Govier, D.A., 1957
- Smith, Kenneth M., 1935
- Rubus idaeus*
Harrison, B.D., 1958
- Raphanus sativus*
Berkeley, G.H. and J.H. Tremaine, 1954
- Reseda odorata*
Pound, Glenn S. and J.C. Walker, 1948
- Rheum rhabonticum*
Price, W.C., 1940
- Rudbeckia* spp.
Faan, Hwei-Chung and James Johnson, 1951
- Ruellia tuberosa*
Adsuar, Jose and A. Cruz Miret, 1950
- Rumex crispus*
Price, W.C., 1940

VIRUS

- V. CUCUMBER MOSAIC (cont.)
Salpiglossis sinuata
 Price, W.C., 1940
Salvia patens
 Faan, Hwei-Chung and James Johnson, 1951
Salvia splendens
 Price, W.C., 1940
Scabiosa atropurpurea
 Wellman, F.L., 1935
Scabiosa japonica
 Price, W.C., 1940
Schizanthus wisetonensis
 Price, W.C., 1940
Secale cereale
 Wellman, F.L., 1934, 1935
Sicana odorifera
 Adsuar, Jose and A. Cruz Miret, 1950
Sisymbrium officinale
 Pound, Glenn S. and J.C. Walker, 1948
*Solanum atropurpureum**
 Hoggan, Isme A., 1927
Solanum aviculare
 Wellman, F.L., 1935
Solanum caribaeum
 Adsuar, Jose and A. Cruz Miret, 1950
Solanum carolinense
 Johnson, E.M., 1930
*Solanum gracile**
 Anderson, C.W., 1955
 Simons, John N., 1957
Solanum integrifolium
 Pound, Glenn S. and J.C. Walker, 1948
Solanum laciniatum
 Hoggan, Isme A., 1927
Solanum melongena
 Adsuar, Jose and A. Cruz Miret, 1950
 Doolittle, S.P. and W.J. Zaumeyer, 1953
 Fulton, Robert W., 1941
 Harter, L.L., 1938
 Hoggan, Isme A., 1935
 Nariani, T.K. and Nirmaljit Singh, 1952
 Simons, John N., 1957
 Wellman, F.L., 1935
Solanum melongena var. *esculentum*
 Johnson, E.M., 1930
Solanum miniatum
 Hoggan, Isme A., 1927
Solanum nigrum
 Burnett, G., 1934
 Fulton, Robert W., 1941
 Govier, D.A., 1957
 Hoggan, Isme A., 1935
 Johnson, J., 1926
 Nariani, T.K. and Nirmaljit Singh, 1952
 Wellman, F.L., 1935
Solanum nodiflorum
 Govier, D.A., 1957
 Nariani, T.K. and Nirmaljit Singh, 1952
 Price, W.C., 1940
Solanum torvum
 Adsuar, Jose and A. Cruz Miret, 1950
Solanum triflorum
 Pound, Glenn S. and J.C. Walker, 1948
Solanum tuberosum
 Johnson, James, 1927
Sparaxis spp.
 Smith, Floyd F. and Philip Brierley, 1944
Spinacia oleracea
 Berkeley, G.H. and J.H. Tremaine, 1954
 Bridgmon, G.H. and J.C. Walker, 1952
 Cheo, Pen-Ching and Glenn S. Pound, 1952
 Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
 Fulton, Joseph P., 1950
 Fulton, Robert W., 1941
 Govier, D.A., 1957
 Hoggan, I.A., 1930, 1933, 1935
 Larsh, Howard W. and J.R. Shay, 1945
 McClintock, J.A. and Loren B. Smith, 1918
 Nienow, Inez, 1948
 Pound, Glenn S. and Pen-Ching Cheo, 1952
 Price, W.C., 1934
 Wellman, F.L., 1935
 Whipple, O.C. and J.C. Walker, 1941

VIRUS

- V. CUCUMBER MOSAIC (cont.)
Stellaria media
 Burnett, G., 1934
Tacsonia spp.
 Nattrass, R.M., 1944
Tagetes erecta
 Wellman, F.L., 1935
Tagetes patula
 Nienow, Inez, 1948
 Wellman, F.L., 1934, 1935
Tetragonia expansa
 Hollings, M., 1955
 Wellman, F.L., 1935
Thlaspi arvense
 Pound, Glenn S. and J.C. Walker, 1948
Tradescantia spp.
 Wellman, F.L., 1935
Trichosanthes anguina
 Jagger, I.C., 1918
 Nariani, T.K. and Nirmaljit Singh, 1952
Trifolium hybridum
 Hagedorn, D.J., 1950
 Hagedorn, D.J. and J.C. Walker, 1954
Trifolium incarnatum
 Brierley, Philip and Floyd F. Smith, 1944
 Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
 Hagedorn, D.J., 1950, 1952
 Hagedorn, D.J. and J.C. Walker, 1954
 Price, W.C., 1940
Trifolium pratense
 Hagedorn, D.J., 1950, 1952
 Hagedorn, D.J. and J.C. Walker, 1954
Trifolium repens
 Hagedorn, D.J., 1950
 Hagedorn, D.J. and J.C. Walker, 1954
Trigonella foenum-graecum
 Hagedorn, D.J., 1952
Triticum aestivum
 Wellman, F.L., 1934, 1935
Tropaeolum majus
 Govier, D.A., 1957
 Wellman, F.L., 1935
Tulipa gesneriana
 Ainsworth, G.C., 1938
 Brierley, Philip, 1941
 Brierley, Philip and S.P. Doolittle, 1940, 1944
 Porter, Clark A., 1954
 Smith, Floyd F. and Philip Brierley, 1944
Valeriana officinalis
 Faan, Hwei-Chung and James Johnson, 1951
Verbascum phoeniceum
 Price, W.C., 1940
Verbesina encelioides
 Brierley, Philip, 1951
Veronica longifolia
 Price, W.C., 1940
Vicia faba
 Anderson, C.W., 1955
 Costa, A.S., 1944
 Doolittle, S.P. and W.J. Zaumeyer, 1953
 Hagedorn, D.J., 1950
 Harter, L.L., 1938
 Milbrath, J.A. and Roy A. Young, 1956
 Porter, Clark A., 1954
 Wellman, F.L., 1934, 1935
 Whipple, O.C. and J.C. Walker, 1941
Vicia faba var. *minor*
 Hagedorn, D.J. and J.C. Walker, 1954
Vigna sesquipedalis
 Doolittle, S.P. and W.J. Zaumeyer, 1953
Vigna sinensis
 Anderson, C.W., 1955, 1957
 Anderson, C.W. and M.K. Corbett, 1957
 Bhargava, K.S., 1951
 Bridgmon, G.H. and J.C. Walker, 1952
 Costa, A.S., 1944
 Diachun, Stephen, 1952
 Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
 Fulton, Joseph P., 1950
 Hagedorn, D.J., 1950
 Hagedorn, D.J. and J.C. Walker, 1954
 Harter, L.L., 1938
 Hollings, M., 1955

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Vigna sinensis*
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Milbrath, J.A. and Roy A. Young, 1956
 Nienow, Inez, 1948
 Price, W.C., 1934, 1935
 Silberschmidt, K., 1955
 Sill, Webster H., Jr., 1951
 Sill, W.H., Jr. and J.C. Walker, 1952
 Sinclair, J.B. and J.C. Walker, 1954, 1955, 1956
 Smith, Kenneth M., 1935
 Whipple, O.C. and J.C. Walker, 1941
- Vigna unguiculata*
 Adsuar, Jose and A. Cruz Miret, 1950
- Vinca rosea*
 Anderson, C.W. and M.K. Corbett, 1957
 Fulton, Robert W., 1953
 Wellman, F.L., 1935
- Viola cornuta*
 Severin, Henry H.P., 1947
- Viola tricolor* var. *hortensis*
 Severin, Henry H.P., 1947
- Zaluzianskya villosa*
 Price, W.C., 1940
- Zea mays*
 Bhargava, K.S., 1951
 Bridgmon, G.H., 1951
 Bridgmon, G.H. and J.C. Walker, 1952
 Celino, M.S. and Aureo L. Martinez, 1955, 1956
 Celino, M.S. and G.O. Ocfemia, 1941
 Doolittle, S.P. and W.J. Zaumeyer, 1953
 Lawas, Orenco M. and William L. Fernandez, 1949
 McWhorter, F.P. and H.H. Millsap, 1954
 Price, W.C., 1935
 Wellman, F.L., 1934, 1935
- Zea mays* var. *erecta*
 Harter, L.L., 1938
- Zea mays* var. *rugosa* *
 Fulton, Joseph P., 1950
 Pound, Glenn S. and J.C. Walker, 1948
- Zebrina pendula*
 Wellman, F.L., 1935
- Zinnia elegans*
 Ainsworth, G.C., 1938
 Anderson, C.W., 1951, 1955
 Berkeley, G.H. and J.H. Tremaine, 1954
 Bridgmon, G.H. and J.C. Walker, 1952
 Brierley, Philip, 1951, 1952
 Burnett, G., 1934
 Doolittle, S.P. and W.J. Zaumeyer, 1952, 1953
 Fulton, Joseph P., 1950
 Fulton, Robert W., 1941
 Harter, L.L., 1938
 Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 Nienow, Inez, 1948
 Pound, Glenn S. and J.C. Walker, 1948
 Price, W.C., 1935, 1937, 1939, 1941
 Simons, John N., 1957
 Sinclair, J.B. and J.C. Walker, 1956
 Smith, Floyd F. and Philip Brierley, 1944
 Wellman, F.L., 1934, 1935
 Whipple, O.C. and J.C. Walker, 1941
- Zinnia elegans* var. *dahliflora* *
 Govier, D.A., 1957
- V. (CUCUMBER O.S.C. ISOLATE 606 *
- Cucumis sativus*
 Porter, Clark A. and Frank P. McWhorter, 1951
- Echinocystis oregana*
 Porter, Clark A. and Frank P. McWhorter, 1951
- Lilium longiflorum*
 Porter, Clark A. and Frank P. McWhorter, 1951
- V. CUCUMBER WESTERN MOSAIC *
- Apium graveolens* var. *dulce*
 Severin, Henry H.P., 1950
 Severin, Henry H.P. and Julius H. Freitag, 1948
- Beta vulgaris*
 Severin, Henry H.P. and Julius H. Freitag, 1948
- Beta vulgaris* var. *cicla*
 Severin, Henry H.P. and Julius H. Freitag, 1948
- Cucumis anguria*
 Severin, Henry H.P. and Julius H. Freitag, 1948

VIRUS

V. CUCUMBER WESTERN MOSAIC * (cont.)

- Cucumis melo* var. *inodorus*
 Severin, Henry H.P. and Julius H. Freitag, 1948
- Cucumis sativus*
 Severin, Henry H.P. and Julius H. Freitag, 1948
- Cucurbita maxima*
 Freitag, J.H., 1941
- Delphinium cardinalis*
 Severin, Henry H.P., 1942
- Delphinium formosum*
 Severin, Henry H.P., 1942
- Delphinium grandiflorum* var. *album*
 Severin, Henry H.P., 1942
- Delphinium hybridum*
 Severin, Henry H.P., 1942
- Delphinium spp.*
 Severin, Henry H.P., 1942
- Delphinium zalil*
 Severin, Henry H.P., 1942
- Lactuca sativa*
 Severin, Henry H.P. and Julius H. Freitag, 1948
- Lycopersicon esculentum*
 Severin, Henry H.P., 1950
 Severin, Henry H.P. and Julius H. Freitag, 1948
- Phlox drummondii*
 Severin, Henry H.P., 1943
- Primula obconica*
 Severin, Henry H.P. and C.M. Tompkins, 1950
- Spinacia oleracea*
 Severin, Henry H.P., 1948
 Severin, Henry H.P. and Julius H. Freitag, 1948
- Tetragonia expansa*
 Severin, Henry H.P., 1948
- Viola cornuta*
 Severin, Henry H.P., 1947
- Viola tricolor* var. *hortensis*
 Severin, Henry H.P., 1947
- V. CUCURBIT MOSAIC *
- Amaranthus retroflexus*
 Doolittle, S.P., 1921
 Doolittle, S.P. and M.N. Walker, 1925
- Asclepias syriaca*
 Doolittle, S.P., 1921
 Doolittle, S.P. and M.N. Walker, 1922, 1924, 1925
- Benincasa cerifera*
 Doolittle, S.P. and M.N. Walker, 1925
- Benincasa hispida*
 Doolittle, S.P. and M.N. Walker, 1925
- Bryonopsis laciniata*
 Doolittle, S.P. and M.N. Walker, 1925
- Capsicum frutescens* (*Capsicum annuum*)
 Doolittle, S.P., 1921
 Doolittle, S.P. and M.N. Walker, 1925
- Citrullus vulgaris*
 Doolittle, S.P. and M.N. Walker, 1925
- Cucumis anguria*
 Doolittle, S.P. and M.N. Walker, 1925
- Cucumis ficifolius*
 Doolittle, S.P. and M.N. Walker, 1925
- Cucumis grossulariaeformis* *
 Doolittle, S.P. and M.N. Walker, 1925
- Cucumis melo*
 Doolittle, S.P. and M.N. Walker, 1925
 Kendrick, J.B., 1934
- Cucumis melo* var. *dudaim*
 Doolittle, S.P. and M.N. Walker, 1925
- Cucumis melo* var. *glexuosus*
 Doolittle, S.P. and M.N. Walker, 1925
- Cucumis melo* var. *utilissimus* *
 Doolittle, S.P. and M.N. Walker, 1925
- Cucumis metuliferus*
 Doolittle, S.P. and M.N. Walker, 1925
- Cucumis odoratissimus*
 Doolittle, S.P. and M.N. Walker, 1925
- Cucumis sativus*
 Doolittle, S.P. and M.N. Walker, 1925
- Cucurbita maxima*
 Doolittle, S.P. and M.N. Walker, 1925
- Cucurbita moschata*
 Doolittle, S.P. and M.N. Walker, 1925
- Cucurbita pepo*
 Doolittle, S.P. and M.N. Walker, 1925

- VIRUS**
- V. CUCURBIT MOSAIC *** (cont.)
- Cucurbita pepo var. melopepo
 - Doolittle, S.P. and M.N. Walker, 1925
 - Kendrick, J.B., 1934
 - Cucurbita pepo var. ovifera
 - Doolittle, S.P. and M.N. Walker, 1925
 - Eccballium elaterium
 - Doolittle, S.P. and M.N. Walker, 1925
 - Echinocystis lobata
 - Doolittle, S.P., 1921
 - Doolittle, S.P. and W.W. Gilbert, 1919
 - Doolittle, S.P. and M.N. Walker, 1924, 1925
 - Lagenaria siceraria (Lagenaria leucantha)
 - Doolittle, S.P. and M.N. Walker, 1925
 - Lagenaria vulgaris
 - Doolittle, S.P. and M.N. Walker, 1925
 - Luffa acutangula
 - Doolittle, S.P. and M.N. Walker, 1925
 - Luffa aegyptiaca (Luffa cylindrica)
 - Doolittle, S.P. and M.N. Walker, 1925
 - Martynia louisiana
 - Doolittle, S.P., 1921
 - Doolittle, S.P. and M.N. Walker, 1925
 - Momordica charantia
 - Doolittle, S.P. and M.N. Walker, 1925
 - Momordica involucrata
 - Doolittle, S.P. and M.N. Walker, 1925
 - Nepeta cataria
 - Doolittle, S.P. and M.N. Walker, 1925
 - Physalis heterophylla
 - Walker, M.N., 1924
 - Physalis pubescens
 - Walker, M.N., 1924
 - Physalis spp.
 - Doolittle, S.P. and M.N. Walker, 1924
 - Physalis subglabrata
 - Walker, M.N., 1924
 - Phytolacca americana
 - Doolittle, S.P. and M.N. Walker, 1922
 - Phytolacca decandra
 - Doolittle, S.P. and M.N. Walker, 1924, 1925
 - Sicyos angulatus
 - Doolittle, S.P. and M.N. Walker, 1925
 - Solanum tuberosum
 - Doolittle, S.P. and M.N. Walker, 1922
 - Trichosanthes anguina
 - Doolittle, S.P. and M.N. Walker, 1925
- V. CUCURBIT RING MOSAIC ***
- Cucurbita maxima
 - Freitag, J.H., 1941
- V. CYNARUS CURLY DWARF**
- Centaurea cyanus
 - Morton, Donald J., 1957
 - Cynara cardunculus
 - Leach, L.D. and J.W. Oswald, 1950
 - Cynara scolymus
 - Leach, L.D. and J.W. Oswald, 1950
 - Morton, Donald J., 1957
 - Silybum marianum
 - Leach, L.D. and J.W. Oswald, 1950
 - Zinnia elegans
 - Leach, L.D. and J.W. Oswald, 1950
 - Morton, Donald J., 1957
- V. DAHLIA MOSAIC** Brierley 1933
- Coreopsis douglasii
 - Brierley, Philip and Floyd F. Smith, 1950
 - Dahlia variabilis
 - Brierley, Philip, 1933, 1951
 - Brierley, Philip and Floyd F. Smith, 1950
 - Sanvitalia procumbens
 - Brierley, Philip and Floyd F. Smith, 1950
 - Verbesina encelioides
 - Brierley, Philip, 1951
 - Brierley, Philip and Floyd F. Smith, 1950
 - Zinnia elegans
 - Brierley, Philip, 1951
 - Brierley, Philip and Floyd F. Smith, 1950
- VIRUS**
- V. DANDELION YELLOW MOSAIC** Kassanis 1944
- Chenopodium amaranticolor
 - Hollings, M., 1956
 - Lactuca sativa
 - Doncaster, J.P. and B. Kassanis, 1946
 - Kassanis, B., 1947
 - Lactuca serriola
 - Kassanis, B., 1947
 - Lactuca virosa
 - Kassanis, B., 1947
 - Taraxacum officinale
 - Kassanis, B., 1947
- V. DATURA DISTORTION MOSAIC** Kapoor and Varma
- Capsicum frutescens (Capsicum annuum) 1952
 - Kapoor, S.P. and P.M. Varma, 1952
 - Datura chlorantha
 - Kapoor, S.P. and P.M. Varma, 1952
 - Datura inoxia
 - Kapoor, S.P. and P.M. Varma, 1952
 - Datura metel
 - Kapoor, S.P. and P.M. Varma, 1952
 - Datura metel var. fastuosa *
 - Kapoor, S.P. and P.M. Varma, 1952
 - Datura stramonium
 - Kapoor, S.P. and P.M. Varma, 1952
 - Lycopersicon esculentum
 - Kapoor, S.P. and P.M. Varma, 1952
 - Nicotiana glauca
 - Kapoor, S.P. and P.M. Varma, 1952
 - Nicotiana glutinosa
 - Kapoor, S.P. and P.M. Varma, 1952
 - Nicotiana rustica
 - Kapoor, S.P. and P.M. Varma, 1952
 - Nicotiana sylvestris
 - Kapoor, S.P. and P.M. Varma, 1952
 - Nicotiana tabacum
 - Kapoor, S.P. and P.M. Varma, 1952
 - Nicotiana tabacum x Nicotiana glutinosa
 - Kapoor, S.P. and P.M. Varma, 1952
 - Petunia hybrida
 - Kapoor, S.P. and P.M. Varma, 1952
 - Tetragonia expansa
 - Kapoor, S.P. and P.M. Varma, 1952
- V. DATURA RUGOSE LEAF CURL** Grylls 1954; K.M. Smith 1957
- Crotalaria spp.
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Datura stramonium
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Datura stramonium var. tatula
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Daucus carota var. sativa
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Lycopersicon esculentum
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Malva parviflora
 - Grylls, N.E., 1955
 - Medicago lupulina
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Medicago sativa
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Nicandra physalodes
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Pastinaca sativa
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Physalis floridana
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Polygonum aviculare
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Sanguisorba minor
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Sonchus oleraceus
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Trifolium pratense
 - Grylls, N.E., 1955
 - Trifolium repens
 - Grylls, N.E., 1955
 - Urtica urens
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

VIRUS

V. DELPHINIUM DISEASE *

Nicotiana tabacum
Valleau, W.D., 1932

V. DELPHINIUM RING SPOT Severin and Dickson 1942

Beta vulgaris
Severin, Henry H.P. and R.C. Dickson, 1942
Cucumis sativus
Severin, Henry H.P. and R.C. Dickson, 1942
Datura stramonium
Severin, Henry H.P. and R.C. Dickson, 1942
Delphinium hybrid
Severin, Henry H.P. and R.C. Dickson, 1942
Gossypium hirsutum
Severin, Henry H.P. and R.C. Dickson, 1942
Nicotiana alata var. *grandiflora*
Severin, Henry H.P. and R.C. Dickson, 1942
Nicotiana glutinosa
Severin, Henry H.P. and R.C. Dickson, 1942
Nicotiana rustica var. *humilis**
Severin, Henry H.P. and R.C. Dickson, 1942
Nicotiana tabacum
Severin, Henry H.P. and R.C. Dickson, 1942
Petunia hybrida
Severin, Henry H.P. and R.C. Dickson, 1942
Ranunculus asiaticus
Severin, Henry H.P. and R.C. Dickson, 1942

V. DOCK MOSAIC Grainger and Cockerham 1930

Chenopodium amaranticolor
Hollings, M., 1956
Rumex lanceolatus
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Rumex obtusifolius
Fernow, Karl Hermann, 1925
Rumex sanguineus
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. DODDER LATENT MOSAIC Bennett 1944

Apium graveolens
Bennett, C.W., 1944, 1949
Beta vulgaris
Bennett, C.W., 1944, 1949
Brassica adpressa
Bennett, C.W., 1949
*Brassica incana**
Bennett, C.W., 1944
Chenopodium album
Bennett, C.W., 1944
Chenopodium murale
Bennett, C.W., 1944
Cucumis melo
Bennett, C.W., 1949
Cucumis melo var. *rockyford*
Bennett, C.W., 1944
Cuscuta californica
Bennett, C.W., 1944, 1949
Cuscuta campestris
Bennett, C.W., 1944, 1949
Cuscuta subinclusa
Bennett, C.W., 1944
Fagopyrum esculentum
Bennett, C.W., 1944
Lycopersicon esculentum
Bennett, C.W., 1944, 1949
Nicotiana glauca
Bennett, C.W., 1944, 1949
Nicotiana glutinosa
Bennett, C.W., 1949
Nicotiana palmeri
Bennett, C.W., 1944
Nicotiana rustica
Bennett, C.W., 1944, 1949
Nicotiana rustica var. *jamaicensis**
Bennett, C.W., 1944
Nicotiana rustica var. *pumila**
Bennett, C.W., 1944
Nicotiana tabacum
Bennett, C.W., 1944, 1949
Phytolacca americana
Bennett, C.W., 1944, 1949
Plantago major
Bennett, C.W., 1944

VIRUS

V. DODDER LATENT MOSAIC (cont.)

Polygonum pensylvanicum
Bennett, C.W., 1944
Samolus floribundus
Bennett, C.W., 1944
Solanum tuberosum
Bennett, C.W., 1944, 1949

V. EGGPLANT MOSAIC Ferguson 1951

Capsicum frutescens (*Capsicum annuum*)
Dale, W.T., 1954
Ferguson, I.A.C., 1951
Chenopodium hybridum
Dale, W.T., 1954
Cucumis sativus
Dale, W.T., 1954
Lycopersicon esculentum
Dale, W.T., 1954
Ferguson, I.A.C., 1951
Lycopersicon pimpinellifolium
Dale, W.T., 1954
Ferguson, I.A.C., 1951
Nicotiana glutinosa
Dale, W.T., 1954
Ferguson, I.A.C., 1951
Nicotiana tabacum
Dale, W.T., 1954
Petunia hybrida
Dale, W.T., 1954
Physalis floridana
Dale, W.T., 1954
Solanum melongena
Dale, W.T., 1954
Ferguson, I.A.C., 1951
Solanum tuberosum
Dale, W.T., 1954
Ferguson, I.A.C., 1951
Vigna unguiculata
Dale, W.T., 1954

V. ELM MOSAIC Swingle et al. 1941

Cucumis sativus
Varney, E.H. and J. Duain Moore, 1952
Nepeta cataria
Varney, E.H. and J. Duain Moore, 1952
Nicotiana tabacum
Moore, J. Duain and E.H. Varney, 1954
Varney, E.H. and J. Duain Moore, 1952
Phaseolus vulgaris
Varney, E.H. and J. Duain Moore, 1952
Physalis heterophylla
Varney, E.H. and J. Duain Moore, 1952
Pisum sativum
Varney, E.H. and J. Duain Moore, 1952
Prunus avium
Callahan, Kemper L. and J. Duain Moore, 1957
Prunus besseyi
Callahan, Kemper L. and J. Duain Moore, 1957
Prunus cerasus
Callahan, Kemper L. and J. Duain Moore, 1957
Prunus domestica
Callahan, Kemper L. and J. Duain Moore, 1957
Prunus mahaleb
Callahan, Kemper L. and J. Duain Moore, 1957
Prunus pensylvanica
Callahan, Kemper L. and J. Duain Moore, 1957
Prunus persica
Moore, J. Duain and E.H. Varney, 1954
Prunus serotina
Callahan, Kemper L. and J. Duain Moore, 1957
Ulmus americana
Bretz, T.W., 1950
Callahan, Kemper L., 1957
Moore, J. Duain and E.H. Varney, 1954
Swingle, R.U., P.E. Tilford and Charles F. Irish, 1941, 1943
Varney, E.H. and J. Duain Moore, 1952
Vigna sinensis
Varney, E.H. and J. Duain Moore, 1952

V. ELM PHLOEM NECROSIS Swingle 1938

Ulmus americana
McLean, D.M., 1944

- VIRUS**
- V. ELM PHLOEM NECROSIS (cont.)
- Ulmus americana*
 - Swingle, Roger U., 1938, 1940
 - Swingle, Roger U., B.S. Meyer and Curtis May, 1945
 - Ulmus fulva x Ulmus pumila*
 - Swingle, Roger U., B.S. Meyer and Curtis May, 1945
- V. ELM ZONATE CANKER Swingle and Bretz 1950
- Ulmus americana*
 - Swingle, Roger U. and T.W. Bretz, 1950
- V. ERYNGIUM CHLOROSIS *
- Nicotiana tabacum*
 - Johnson, James, 1946
- V. ERYNGIUM YELLOW MOSAIC *
- Eryngium aquaticum*
 - Johnson, James, 1946
 - Johnson, James and Edith M. Hein, 1948
 - Nicotiana tabacum*
 - Johnson, James and Edith M. Hein, 1948
- V. EUONYMUS INFECTIOUS VARIEGATION Brierley
- Euonymus fortunei* var. *radicans* 1944
 - Woods, M.W. and H.G. DuBuy, 1943
- V. EUPHORBIA MOSAIC Costa and Bennett 1950
- Datura stramonium*
 - Costa, A.S. and C.W. Bennett, 1950
 - Euphorbia prunifolia*
 - Costa, A.S. and C.W. Bennett, 1950
 - Fagopyrum esculentum*
 - Costa, A.S. and C.W. Bennett, 1950
 - Nicandra physalodes*
 - Costa, A.S. and C.W. Bennett, 1950
 - Oxalis spp.*
 - Costa, A.S. and C.W. Bennett, 1950
 - Phyllanthus corcovadensis*
 - Costa, A.S. and C.W. Bennett, 1950
- V. FIG MOSAIC Condit and Horne 1933
- Ficus altissima*
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Ficus carica*
 - Condit, I.J. and W.T. Horne, 1933, 1941, 1943
 - Flock, R.A. and J.M. Wallace, 1955
 - Ficus carica* var. *sylvestris* *
 - Condit, Ira J. and W.T. Horne, 1943
 - Ficus krishna*
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Ficus pseudocarica*
 - Condit, I.J. and W.T. Horne, 1933
 - Ficus tsida* *
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. FILAREE RED LEAF Frazier 1951
- Erodium botrys*
 - Frazier, Norman W., 1951
 - Erodium chamaedryoides* var. *roseum* *
 - Anderson, Chris W., 1952
 - Erodium cicutarium*
 - Anderson, Chris W., 1951
 - Erodium moschatum*
 - Anderson, Chris W., 1951
 - Frazier, Norman W., 1951
 - Fragaria bracteata*
 - Anderson, Chris W., 1952
 - Geranium dissectum*
 - Frazier, Norman W., 1951
 - Geranium molle*
 - Anderson, Chris W., 1952
 - Pelargonium domesticum*
 - Anderson, Chris W., 1952
 - Trifolium incarnatum*
 - Anderson, Chris W., 1952
 - Zea mays*
 - Anderson, Chris W., 1952
- VIRUS**
- V. (FLOWERING) CHERRY ROUGH BARK Milbrath and Zeller 1942
- Prunus avium*
 - Nichols, Carl W. and R.L. McClain, 1957
 - Prunus persica*
 - Nichols, Carl W. and R.L. McClain, 1957
 - Prunus serrulata*
 - Milbrath, J.A. and S.M. Zeller, 1942
 - Nichols, Carl W. and R.L. McClain, 1957
- V. FREESIA MOSAIC Woodward in K.M. Smith 1957
- Freesia spp.*
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. GLADIOLUS *
- Gladiolus hortulanus*
 - Snow, Gordon F., 1955
 - Phaseolus vulgaris*
 - Snow, Gordon F., 1955
 - Trifolium hybridum*
 - Snow, Gordon F., 1955
 - Trifolium subterraneum*
 - Snow, Gordon F., 1955
 - Vicia faba*
 - Snow, Gordon F., 1955
- V. GOOSEBERRY VEINBANDING Posnette 1952
- Ribes grossularia*
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. GRASS NATAL MOSAIC *
- Saccharum officinarum*
 - Storey, H.H., 1929
 - Setaria sulcata*
 - Storey, H.H., 1929
 - Sorghum arundinaceum*
 - Storey, H.H., 1929
 - Zea mays*
 - Storey, H.H., 1929
- V. GRASS ORCHARD MOSAIC *
- Avena sativa*
 - McKinney, H.H., 1956
 - Dactylis glomerata*
 - McKinney, H.H., 1956
- V. GROUNDNUT MOSAIC Thung 1947
- Arachis hypogaea*
 - Cooper, W.E., 1950
- V. GROUNDNUT ROSETTE Storey and Bottomley 1928
- Arachis hypogaea*
 - Evans, A.C., 1954
 - McKinney, H.H., 1929
 - Storey, H.H. and A.M. Bottomley, 1928
 - Storey, H.H. and A.K. Ryland, 1955, 1957
 - Brachystegia burttii*
 - Evans, A.C., 1954
 - Cajanus cajan*
 - Evans, A.C., 1954
 - Cassia absus*
 - Evans, A.C., 1954
 - Crotalaria fwamboensis*
 - Evans, A.C., 1954
 - Crotalaria intermedia*
 - Evans, A.C., 1954
 - Crotalaria kirkii*
 - Evans, A.C., 1954
 - Dalbergia melanoxyylon*
 - Evans, A.C., 1954
 - Dichrostachys nyassana*
 - Evans, A.C., 1954
 - Dolichos fulcatus* *
 - Evans, A.C., 1954
 - Dolichos malosanus*
 - Evans, A.C., 1954
 - Indigofera rhynchocarpa*
 - Evans, A.C., 1954
 - Millettia makondensis*
 - Evans, A.C., 1954
 - Rhynchosia resinosa*
 - Evans, A.C., 1954

VIRUS

V. GROUNDNUT ROSETTE (cont.)

Strychnos subifera

Evans, A.C., 1954

Talinum caffrum

Evans, A.C., 1954

Vigna reticulata

Evans, A.C., 1954

Vigna triloba

Evans, A.C., 1954

Vigna unguiculata

Evans, A.C., 1954

V. GROUNDNUT WITCHES' BROOM Thung 1947

Arachis hypogaea

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. HENBANE MOSAIC K.M. Smith 1957

Atropa belladonna

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Chenopodium amaranticolor

Hollings, M., 1956

Datura stramonium

Bradley, R.H.E., 1952

Hamilton, Marion A., 1932

Hyoscyamus niger

Hamilton, Marion A., 1932

Watson (Hamilton), Marion A., 1937

Lycopersicon esculentum

Hamilton, Marion A., 1932

Nicotiana glauca

Hamilton, Marion A., 1932

Nicotiana glutinosa

Hamilton, Marion A., 1932

Hollings, M., 1955

Nicotiana rustica

Bradley, R.H.E., 1952

Nicotiana tabacum

Bawden, F.C., Brenda M.G. Hamlyn and Marion A. Watson, 1954

Bradley, R.H.E., 1952

Doncaster, J.P. and B. Kassanis, 1946

Hamilton, Marion A., 1932

Sheffield, F.M.L., 1936, 1938

Watson (Hamilton), Marion A., 1937

Petunia spp.

Hamilton, Marion A., 1932

V. HIBISCUS RING SPOT *

Hibiscus rosa-sinensis

Jensen, D.D., 1949

V. HIBISCUS YELLOW VEIN MOSAIC Kapoor and Varma

Althaea rosea

1950

Capoor, S.P. and P.M. Varma, 1950

Hibiscus abelmoschus

Capoor, S.P. and P.M. Varma, 1950

Hibiscus cannabinus

Capoor, S.P. and P.M. Varma, 1950

Hibiscus esculentus

Capoor, S.P. and P.M. Varma, 1950

Varma, P.M., 1952

Hibiscus palustris (*Hibiscus moscheutos*)

Capoor, S.P. and P.M. Varma, 1950

Hibiscus sabdariffa

Capoor, S.P. and P.M. Varma, 1950

Hibiscus tethaphyllus

Capoor, S.P. and P.M. Varma, 1950

V. HIBISCUS YELLOWS *

Hibiscus abelmoschus

Hendrix, J. Walter, 1950

Hibiscus arnottianus

Hendrix, J. Walter, 1950

Hibiscus rosa-sinensis

Hendrix, J. Walter, 1950

V. HOLLYHOCK MOSAIC K.M. Smith 1957

Althaea rosea

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Malva spp.

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

VIRUS

V. HOLODISCUS WITCHES' BROOM K.M. Smith 1957

Holodiscus discolor

Zeller, S.M., 1931

V. (HONEYSUCKLE) MOTTLER *

Lonicera brachypoda var. *foliis aureo-reticulatis* *

Corp, V.H., 1949

Lonicera japonica

Corp, V.H., 1949

V. HOP CHLOROTIC DISEASE Salmon and Ware 1930

Humulus lupulus

Salmon, E.S. and W.M. Ware, 1930, 1932, 1935

V. HOP MOSAIC Salmon 1923

Humulus lupulus

Cheal, W.F., 1929

Mackenzie, D., E.S. Salmon, W.M. Ware and R. Williams, 1929

Salmon, E.S. and W.M. Ware, 1928, 1932

Thrupp, T.C., 1927

V. HOP NETTLE HEAD ((Duffield 1925)) Salmon and Ware 1930

Humulus lupulus

Blattny, C. and V. Yukolov

Keyworth, W.G. and D.L.G. Davies, 1946

V. HOP SPLIT LEAF BLOTCH Keyworth 1951

Humulus lupulus

Keyworth, W.G., 1951

V. HYDRANGEA *

Hydrangea macrophylla

Brierley, Philip, 1954

V. HYDRANGEA DIE BACK *

Hydrangea macrophylla

Brierley, Philip and Floyd F. Smith, 1952

V. HYDRANGEA RING SPOT Brierley and Smith 1952

Amaranthus retroflexus

Brierley, Philip and Paul Lorentz, 1956, 1957

Antirrhinum majus

Brierley, Philip and Paul Lorentz, 1956, 1957

Beta vulgaris

Brierley, Philip and Paul Lorentz, 1956, 1957

Callistephus chinensis

Brierley, Philip and Floyd F. Smith, 1952

Chenopodium album

Brierley, Philip and Paul Lorentz, 1957

Chenopodium amaranticolor

Brierley, Philip and Paul Lorentz, 1956, 1957

Hollings, M., 1957

Cucumis sativus

Brierley, Philip and Paul Lorentz, 1957

Brierley, Philip and Floyd F. Smith, 1952

Dianthus barbatus

Brierley, Philip and Paul Lorentz, 1956, 1957

Gomphrena globosa

Brierley, Philip and Paul Lorentz, 1956, 1957

Hydrangea macrophylla

Brierley, Philip, 1957

Brierley, Philip and Paul Lorentz, 1956, 1957

Brierley, Philip and Floyd F. Smith, 1952

Nicotiana tabacum

Brierley, Philip and Floyd F. Smith, 1952

Zinnia elegans

Brierley, Philip and Floyd F. Smith, 1952

Zinnia elegans

Brierley, Philip and Floyd F. Smith, 1952

V. (IPOMOEA) MOSAIC *

Ipomoea nil

Cook, Melville T., 1931

V. IRIS BEARDED MOSAIC *

Belamcanda chinensis

Brierley, Philip and Floyd F. Smith, 1948

*Travis, R.V., 1957**Gladiolus hortulanus*

Brierley, Philip and Floyd F. Smith, 1948

V. IRIS BEARDLESS MOSAIC *

Belamcanda chinensis

Travis, R.V., 1957

VIRUS

V. IRIS FULVA MOSAIC *
Belamcanda chinensis
 Travis, R.V., 1957

V. IRIS MOSAIC Brierley and McWhorter 1936
Chenopodium amaranticolor
 Hollings, M., 1956
Gladiolus hortulanus
 Brierley, Philip and Floyd F. Smith, 1948
Iris filifolia
 Brierley, Philip and Frank P. McWhorter, 1936
Iris ricardi *
 Brierley, Philip and Frank P. McWhorter, 1936
Iris tingitana
 Brierley, Philip and Frank P. McWhorter, 1936
Iris unguicularis var. *alba*
 Brierley, Philip and Frank P. McWhorter, 1936
Iris xiphioides
 Brierley, P. and F.P. McWhorter, 1934
Iris xiphium
 Brierley, Philip and Frank P. McWhorter, 1936
Iris xiphium praecox *
 Brierley, Philip and Frank P. McWhorter, 1936

V. IRIS RING SPOT *

Amaranthus retroflexus
 Travis, R.V., 1957
Chenopodium amaranticolor
 Travis, R.V., 1957
Cyamopsis tetragonoloba
 Travis, R.V., 1957
Gomphrena globosa
 Travis, R.V., 1957
Nicotiana tabacum
 Travis, R.V., 1957
Phaseolus vulgaris
 Travis, R.V., 1957
Physalis angulata
 Travis, R.V., 1957

V. IRIS SPURIA MOSAIC *

Belamcanda chinensis
 Brierley, Philip and Floyd F. Smith, 1948
Iris aurea
 Brierley, Philip and Floyd F. Smith, 1948
Iris spuria
 Brierley, Philip and Floyd F. Smith, 1948

V. IXIA MOSAIC Smith and Brierley 1944

Ixia spp.
 Smith, Floyd F. and Philip Brierley, 1944
Tritonia crocata
 Smith, Floyd F. and Philip Brierley, 1944

V. JATROPHA MOSAIC *

Jatropha gossypifolia
 Bird, Julio, 1957
Jatropha multifida
 Bird, Julio, 1957
Nicotiana tabacum
 Bird, Julio, 1957

V. JIMSONWEED MOSAIC *

Datura meteloides
 Fernald, Karl Hermann, 1925
Datura stramonium
 Fernald, Karl Hermann, 1925

V. KAIMI CLOVER DISEASE *

Crotalaria spp.
 Murakishi, Harry H., 1952
Desmodium canum
 Murakishi, Harry H., 1952
Glycine max
 Murakishi, Harry H., 1952
Phaseolus lunatus
 Murakishi, Harry H., 1952
Phaseolus vulgaris
 Murakishi, Harry H., 1952
Trifolium subterraneum
 Murakishi, Harry H., 1952
Vigna sinensis
 Murakishi, Harry H., 1952

VIRUS

V. LABURNUM INFECTIOUS VARIEGATION Brierley
Laburnum anagyroides 1944
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Laburnum vossii *
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Laburnum vulgare
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Lespedeza formosa
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. LABURNUM VEIN MOSAIC *

Gladiolus hortulanus
 Brierley, Philip and Floyd F. Smith, 1954
Laburnum alpinum
 Brierley, Philip and Floyd F. Smith, 1954
Laburnum watereri
 Brierley, Philip and Floyd F. Smith, 1954
Nicotiana tabacum
 Brierley, Philip and Floyd F. Smith, 1954
Phaseolus vulgaris
 Brierley, Philip and Floyd F. Smith, 1954

V. (LEGUME) LITTLE LEAF DISEASE *

Aeschynomene falcata
 Hutton, E.M. and N.E. Grylls, 1956
Astragalus glycyphylloides
 Hutton, E.M. and N.E. Grylls, 1956
Cajanus cajan
 Hutton, E.M. and N.E. Grylls, 1956
Crotalaria goreensis
 Hutton, E.M. and N.E. Grylls, 1956
Crotalaria grahamiana
 Hutton, E.M. and N.E. Grylls, 1956
Crotalaria intermedia
 Hutton, E.M. and N.E. Grylls, 1956
Crotalaria juncea
 Hutton, E.M. and N.E. Grylls, 1956
Crotalaria orixensis
 Hutton, E.M. and N.E. Grylls, 1956
Crotalaria pumila
 Hutton, E.M. and N.E. Grylls, 1956
Crotalaria retusa
 Hutton, E.M. and N.E. Grylls, 1956
Crotalaria sericea
 Hutton, E.M. and N.E. Grylls, 1956
Datura stramonium
 Hutton, E.M. and N.E. Grylls, 1956
Daucus carota
 Hutton, E.M. and N.E. Grylls, 1956
Desmodium batocaulon
 Hutton, E.M. and N.E. Grylls, 1956
Desmodium canum
 Hutton, E.M. and N.E. Grylls, 1956
Desmodium gangeticum
 Hutton, E.M. and N.E. Grylls, 1956
Desmodium scorpiurus
 Hutton, E.M. and N.E. Grylls, 1956
Desmodium uncinatum
 Hutton, E.M. and N.E. Grylls, 1956
Dolichos striatus
 Hutton, E.M. and N.E. Grylls, 1956
Indigofera endecaphylla
 Hutton, E.M. and N.E. Grylls, 1956
Indigofera retroflexa
 Hutton, E.M. and N.E. Grylls, 1956
Indigofera spp.
 Hutton, E.M. and N.E. Grylls, 1956
Indigofera subulata
 Hutton, E.M. and N.E. Grylls, 1956
Indigofera tettensis
 Hutton, E.M. and N.E. Grylls, 1956
Lathyrus sylvestris
 Hutton, E.M. and N.E. Grylls, 1956
Lotononis bainesii
 Hutton, E.M. and N.E. Grylls, 1956
Lycopersicon esculentum
 Hutton, E.M. and N.E. Grylls, 1956
Malva parviflora
 Hutton, E.M. and N.E. Grylls, 1956
Medicago sativa
 Hutton, E.M. and N.E. Grylls, 1956
Rhynchosia hagenbeckii
 Hutton, E.M. and N.E. Grylls, 1956

VIRUS

V. (LEGUME) LITTLE LEAF DISEASE * (cont.)

- Rhynchosia minima*
Hutton, E.M. and N.E. Grylls, 1956
- Stylosanthes bojeri*
Hutton, E.M. and N.E. Grylls, 1956
- Stylosanthes erecta*
Hutton, E.M. and N.E. Grylls, 1956
- Stylosanthes gracilis*
Hutton, E.M. and N.E. Grylls, 1956
- Stylosanthes guianensis*
Hutton, E.M. and N.E. Grylls, 1956
- Stylosanthes leiocarpa*
Hutton, E.M. and N.E. Grylls, 1956
- Stylosanthes montevidensis*
Hutton, E.M. and N.E. Grylls, 1956
- Tephrosia spp.*
Hutton, E.M. and N.E. Grylls, 1956
- Trifolium pratense*
Hutton, E.M. and N.E. Grylls, 1956
- Trifolium repens*
Hutton, E.M. and N.E. Grylls, 1956
- Trifolium subterraneum*
Hutton, E.M. and N.E. Grylls, 1956

V. (LEGUME) WESTERN RING SPOT *

- Pisum sativum*
McWhorter, Frank P., 1954

V. LEMON WOOD POCKET *

- Citrus limon*
Fawcett, H.S. and E.C. Calavan, 1947

V. LETTUCE BIG VEIN Jagger and Chandler 1934

- Lactuca sativa*
 - Allen, M.W., 1948
 - Doolittle, S.P. and Ross C. Thompson, 1945
 - Pryor, Dean E., 1946
 - Thompson, Ross C., S.P. Doolittle and Floyd F. Smith, 1944

V. LETTUCE MOSAIC Jagger 1921 Ainsworth and Chenopodium amaranticolor Ogilvie 1939

- Hollings, M., 1957
- Chenopodium urbicum*
Wilkinson, R.E. and Ursula Hirsch, 1952
- Cichorium intybus*
Grogan, R.G., J.E. Welch and Roy Bardin, 1952
- Gomphrena globosa*
Couch, Houston B., 1954, 1955
- Wilkinson, R.E. and Ursula Hirsch, 1952
- Lactuca sativa*
 - Ainsworth, G.C. and L. Ogilvie, 1939
 - Broadbent, L., T.W. Tinsley, W. Buddin and E.T. Roberts, 1951
 - Couch, Houston B., 1954, 1955
 - Doncaster, J.P. and B. Kassanis, 1946
 - Grogan, R.G., J.E. Welch and Roy Bardin, 1952
 - Jagger, Ivan C., 1920-21
 - Jones, Leon K., 1944
 - Kassanis, B., 1947
 - Newhall, A.G., 1923
 - Selman, Ireson W., 1945
 - Sylvester, Edward S., 1954, 1955
- Lactuca sativa* var. *capitata*
Ainsworth, G.C., 1940
- Lactuca sativa* var. *romana*
Ainsworth, G.C. and L. Ogilvie, 1939
- Lactuca serriola*
Grogan, R.G., J.E. Welch and Roy Bardin, 1952
- Lactuca virosa*
Kassanis, B., 1947
- Lathyrus odoratus*
Ainsworth, G.C., 1940
- Pisum sativum*
Ainsworth, G.C., 1940
- Ainsworth, G.C. and L. Ogilvie, 1939

VIRUS

V. LETTUCE MOSAIC (cont.)

- Rumex britannica*
Newhall, A.G., 1923
- Senecio vulgaris*
 - Ainsworth, G.C. and L. Ogilvie, 1939
- Sonchus asper*
Ainsworth, G.C. and L. Ogilvie, 1939
- Tagetes erecta*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Zinnia elegans*
Grogan, R.G., J.E. Welch and Roy Bardin, 1952

V. LILAC RING MOSAIC Protsenko et al. 1950

- Syringa vulgaris*
Beale, J.H. and Helen Purdy Beale, 1952

V. LILAC WITCHES' BROOM Lorentz and Brierley 1953

- Ligustrum obtusifolium* var. *regelianum*
Lorentz, Paul and Philip Brierley, 1953
- Syringa japonica*
Brierley, Philip, 1955
- Syringa vulgaris*
Brierley, Philip, 1955
- Vinca rosea*
Brierley, Philip, 1955

V. LILY COLOR ADDING *

- Lilium henryi* x *Lilium myriophyllum* var. *superbum* *
McWhorter, Frank P., 1956
- Narcissus poeticus*
McWhorter, F.P., 1932

V. LILY COLOR REMOVING *

- Lilium henryi* x *Lilium myriophyllum* var. *superbum* *
McWhorter, Frank P., 1956
- Narcissus poeticus*
McWhorter, F.P., 1932

V. LILY RING SPOT Smith 1950 ((May be V. cucumber mosaic (str.)))

- Lilium regale*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Lilium tigrinum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Nicotiana glutinosa*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. LILY ROSETTE Ogilvie 1928

- Lilium batemaniae*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Lilium brownii* var. *leucanthemum*
Brierley, Philip and Floyd F. Smith, 1945
- Lilium dauricum*
Brierley, Philip and Floyd F. Smith, 1945
- Lilium davidi*
Brierley, Philip and Floyd F. Smith, 1945
- Lilium davidi* var. *willmottiae**
Brierley, Philip and Floyd F. Smith, 1945
- Lilium elegans*
Brierley, Philip and Floyd F. Smith, 1945
- Lilium formosanum**
Brierley, Philip and Floyd F. Smith, 1945
- Lilium harrisi*
Ogilvie, Lawrence, 1928
- Lilium henryi*
Brierley, Philip and Floyd F. Smith, 1945
- Lilium longiflorum*
Brierley, Philip and Floyd F. Smith, 1944, 1945, 1954
- Smith, Floyd F. and Philip Brierley, 1948
- Lilium longiflorum* var. *takeshima*
Ogilvie, Lawrence, 1928
- Lilium myriophyllum* var. *superbum* *
Brierley, Philip and Floyd F. Smith, 1945
- Lilium regale*
Brierley, Philip and Floyd F. Smith, 1945
- Lilium sargentiae*
Brierley, Philip and Floyd F. Smith, 1945
- Lilium speciosum*
Brierley, Philip and Floyd F. Smith, 1945
- Lilium umbellatum*
Brierley, Philip and Floyd F. Smith, 1945
- Brierley, Philip and Floyd F. Smith, 1945

VIRUS

- V. LILY SYMPTOMLESS Brierley and Smith 1944
Lilium formosanum
 Brierley, Philip, 1940
Lilium longiflorum
 Brierley, Philip, 1940
 Brierley, Philip and S.P. Doolittle, 1940, 1944
 Porter, Clark A., 1954
Tulipa gesneriana
 Brierley, Philip, 1940, 1941
- V. LOVAGE MOSAIC Smith and Markham 1944
Arabis hirsuta
 Smith, Kenneth M. and Roy Markham, 1944
Capsicum frutescens (Capsicum annuum)
 Smith, Kenneth M. and Roy Markham, 1944
Cucumis sativus
 Smith, Kenneth M. and Roy Markham, 1944
Datura stramonium
 Smith, Kenneth M. and Roy Markham, 1944
Lavatera trimestris
 Smith, Kenneth M. and Roy Markham, 1944
Ligusticum scoticum
 Smith, Kenneth M. and Roy Markham, 1944
Lycopersicon esculentum
 Smith, Kenneth M. and Roy Markham, 1944
Nicotiana glutinosa
 Smith, Kenneth M. and Roy Markham, 1944
Nicotiana langsdorffii
 Smith, Kenneth M. and Roy Markham, 1944
Nicotiana rustica
 Smith, Kenneth M. and Roy Markham, 1944
Nicotiana sylvestris
 Smith, Kenneth M. and Roy Markham, 1944
Nicotiana tabacum
 Smith, Kenneth M. and Roy Markham, 1944
Phaseolus vulgaris
 Smith, Kenneth M. and Roy Markham, 1944
Pisum sativum
 Smith, Kenneth M. and Roy Markham, 1944
- V. LUCERNE DWARF
- Acacia longifolia*
 Freitag, J.H., 1951
 - Amsinckia douglasiana*
 Freitag, J.H., 1951
 - Artemisia vulgaris var. heterophylla*
 Freitag, J.H., 1951
 - Avena fatua*
 Freitag, J.H., 1951
 - Baccharis pilularis*
 Freitag, J.H., 1951
 - Bromus catharticus*
 Freitag, J.H., 1951
 - Bromus rigidus*
 Freitag, J.H., 1951
 - Bromus spp.*
 Freitag, J.H., 1951
 - Callistephus chinensis*
 Freitag, J.H., 1951
 - Canna spp.*
 Freitag, J.H., 1951
 - Chenopodium ambrosioides*
 Freitag, J.H., 1951
 - Coprosma baueri*
 Freitag, J.H., 1951
 - Cotoneaster rotundifolia var. lanata*
 Freitag, J.H., 1951
 - Crotalaria intermedia*
 Price, W.C., 1940
 - Cynodon dactylon*
 Freitag, J.H., 1951
 - Cyperus esculentus*
 Freitag, J.H., 1951
 - Cytisus scoparius*
 Freitag, J.H., 1951
 - Daucus carota var. sativa*
 Freitag, J.H., 1951
 - Digitaria sanguinalis*
 Freitag, J.H., 1951
 - Echinochloa crus-galli*
 Freitag, J.H., 1951
 - Epilobium californicum*
 Freitag, J.H., 1951

VIRUS

- V. LUCERNE DWARF (cont.)
- Epilobium paniculatum*
 Freitag, J.H., 1951
 - Eragrostis diffusa*
 Freitag, J.H., 1951
 - Erodium cicutarium*
 Freitag, J.H., 1951
 - Escallonia montevidensis*
 Freitag, J.H., 1951
 - Eugenia myrtifolia*
 Freitag, J.H., 1951
 - Festuca megalura*
 Freitag, J.H., 1951
 - Franseria acanthicarpa*
 Freitag, J.H., 1951
 - Fraxinus dipetala*
 Freitag, J.H., 1951
 - Fuchsia magellanica*
 Freitag, J.H., 1951
 - Godetia grandiflora*
 Freitag, J.H., 1951
 - Hedera helix*
 Freitag, J.H., 1951
 - Holcus halepensis*
 Freitag, J.H., 1951
 - Holcus sudanensis*
 Freitag, J.H., 1951
 - Hordeum murinum*
 Freitag, J.H., 1951
 - Hordeum vulgare*
 Freitag, J.H., 1951
 - Hydrangea paniculata*
 Freitag, J.H., 1951
 - Lactuca scariola*
 Freitag, J.H., 1951
 - Lathyrus cicera*
 Freitag, J.H., 1951
 - Lathyrus clymenum*
 Freitag, J.H., 1951
 - Lathyrus sativus*
 Freitag, J.H., 1951
 - Lolium multiflorum*
 Freitag, J.H., 1951
 - Lolium temulentum*
 Freitag, J.H., 1951
 - Lonicera japonica*
 Freitag, J.H., 1951
 - Majorana hortensis*
 Freitag, J.H., 1951
 - Medicago falcata*
 Houston, Byron R. and Ernest H. Stanford, 1954
 - Medicago glutinosa*
 Houston, Byron R. and Ernest H. Stanford, 1954
 - Medicago hispida*
 Freitag, J.H., 1951
 - Medicago sativa*
 Frazier, Norman W. and J.H. Freitag, 1946
 Freitag, J.H., 1951
 Freitag, J.H. and Norman W. Frazier, 1954
 Freitag, J.H., N.W. Frazier and R.A. Flock, 1952
 Hewitt, Wm. B., Byron R. Houston, Norman W.
 Frazier and J.H. Freitag, 1946
 Houston, Byron R., Katherine Esau and Wm. B.
 Hewitt, 1946
 Houston, Byron R., N.W. Frazier and Wm. B.
 Hewitt, 1942
 Houston, Byron R. and Ernest H. Stanford, 1954
 Severin, Henry H.P., 1949
 Stoner, Warren N., 1953
 Weimer, J.L., 1936
 - Melilotus alba*
 Freitag, J.H., 1951
 - Melilotus alba var. annua*
 Freitag, J.H., 1951
 - Melilotus indica*
 Freitag, J.H., 1951
 - Melilotus officinalis*
 Freitag, J.H., 1951
 - Melissa officinalis*
 Freitag, J.H., 1951
 - Mentha spp.*
 Freitag, J.H., 1951

VIRUS

V. LUCERNE DWARF (cont.)

- Oenanthe sarmentosa*
Freitag, J.H., 1951
- Oenothera hookeri*
Freitag, J.H., 1951
- Parthenocissus tricuspidata*
Freitag, J.H., 1951
- Paspalum dilatatum*
Freitag, J.H., 1951
- Pelargonium hortorum*
Freitag, J.H., 1951
- Pennisetum clandestinum*
Freitag, J.H., 1951
- Phalaris minor*
Freitag, J.H., 1951
- Phalaris paradoxa*
Freitag, J.H., 1951
- Phleum pratense*
Freitag, J.H., 1951
- Photinia arbutifolia*
Freitag, J.H., 1951
- Pittosporum crassifolium*
Freitag, J.H., 1951
- Poa annua*
Freitag, J.H., 1951
- Polygonum convolvulus*
Freitag, J.H., 1951
- Polygonum persicaria*
Freitag, J.H., 1951
- Reseda odorata*
Freitag, J.H., 1951
- Rheum rhaeonticum*
Freitag, J.H., 1951
- Rhus diversiloba*
Freitag, J.H., 1951
- Rosa californica*
Freitag, J.H., 1951
- Rubus ursinus var. vitifolius*
Freitag, J.H., 1951
- Rumex crispus*
Freitag, J.H., 1951
- Salix spp.*
Freitag, J.H., 1951
- Sambucus caerulea*
Freitag, J.H., 1951
- Setaria lutescens*
Freitag, J.H., 1951
- Sonchus asper*
Freitag, J.H., 1951
- Symporicarpos albus*
Freitag, J.H., 1951
- Syringa vulgaris*
Freitag, J.H., 1951
- Trifolium fragiferum*
Freitag, J.H., 1951
- Trifolium hybridum*
Freitag, J.H., 1951
- Trifolium incarnatum*
Freitag, J.H., 1951
- Trifolium pratense*
Freitag, J.H., 1951
- Trifolium repens*
Freitag, J.H., 1951
- Trifolium repens var. latum **
Freitag, J.H., 1951
- Urtica gracilis var. holosericea*
Freitag, J.H., 1951
- Veronica spp.*
Freitag, J.H., 1951
- Vicia monantha*
Freitag, J.H., 1951
- Vinca major*
Freitag, J.H., 1951
- Vitis californica*
Freitag, J.H., 1951
Severin, Henry H.P., 1949
- Vitis vinifera*

Crall, J.M. and L.H. Stover, 1957
Frazier, Norman W. and J.H. Freitag, 1946
Freitag, J.H., 1951
Freitag, J.H. and Norman W. Frazier, 1954

VIRUS

V. LUCERNE DWARF (cont.)

- Vitis vinifera*
- Freitag, J.H., N.W. Frazier and R.A. Flock, 1952
- Hewitt, Wm. B., 1939
- Hewitt, Wm. B., N.W. Frazier and Byron R. Houston, 1942
- Hewitt, Wm. B., Byron R. Houston, Norman W. Frazier and J.H. Freitag, 1946
- Houston, Byron R., Katherine Esau and Wm. B. Hewitt, 1946
- Severin, Henry H.P., 1949
- Stoner, Warren N., 1953
- Xanthium canadense*
Freitag, J.H., 1951
- V. LUCERNE MOSAIC
- Amaranthus caudatus*
Price, W.C., 1940
- Anthriscus cerefolium*
Price, W.C., 1940
- Antirrhinum majus*
Berkeley, G.H., 1947
- Kreitlow, K.W. and W.C. Price, 1948, 1949
- Price, W.C., 1940
- Zaumeyer, W.J., 1953
- Apium graveolens*
Berkeley, G.H., 1947
- Houston, Byron R. and John W. Oswald, 1953
- Richardson, D.E. and T.W. Tinsley, 1956
- Snyder, William C. and Saul Rich, 1942
- Apium graveolens* var. *dulce*
Houston, Byron R. and John W. Oswald, 1951
- Oswald, John W., 1950
- Severin, Henry H.P., 1950
- Severin, H.H.P. and J.H. Freitag, 1935
- Swenson, K.G., 1952
- Aquilegia caerulea*
Price, W.C., 1940
- Beta vulgaris*
Price, W.C., 1940
- Richardson, D.E. and T.W. Tinsley, 1956
- Severin, Henry H.P., 1948
- Calendula officinalis*
Richardson, D.E. and T.W. Tinsley, 1956
- Capsicum frutescens* (*Capsicum annuum*)
Berkeley, G.H., 1947
- Dykstra, T.P., 1939
- Houston, Byron R. and John W. Oswald, 1953
- Johnson, E.M., 1946
- Kreitlow, K.W. and W.C. Price, 1948, 1949
- Oswald, John W., 1948, 1950
- Porter, D.R., 1935
- Price, W.C., 1940
- Swenson, K.G., 1952
- Celosia argentea* var. *cristata*
Kreitlow, K.W. and W.C. Price, 1949
- Chenopodium amaranthicolor*
Hollings, M., 1957
- Chrysanthemum spp.*
Price, W.C., 1940
- Cicer arietinum*
Zaumeyer, W.J., 1938
- Cichorium endivia*
Price, W.C., 1940
- Cleome spinosa*
Price, W.C., 1940
- Coleus blumei*
Price, W.C., 1940
- Crotalaria spectabilis*
Thomas, H. Rex, 1951
- Cucumis sativus*
Berkeley, G.H., 1947
- Black, L.M. and W.C. Price, 1940
- Johnson, E.M., 1946
- Oswald, John W., 1950
- Richardson, D.E. and T.W. Tinsley, 1956
- Severin, Henry H.P., 1942
- Thomas, H. Rex, 1951, 1953
- Zaumeyer, W.J., 1938
- Cyamopsis tetragonoloba*
Thomas, H. Rex, 1951
- Cymbalaria muralis*
Price, W.C., 1940

VIRUS

- V. LUCERNE MOSAIC* (cont.)
Cynoglossum amabile
 Price, W.C., 1940
Daphne odora
 Milbrath, J.A. and Roy A. Young, 1956
Datura stramonium
 Berkeley, G.H., 1947
 Oswald, John W., 1950
 Porter, D.R., 1935
 Richardson, D.E. and T.W. Tinsley, 1956
 Thomas, H. Rex, 1951, 1953
 Zaumeyer, W.J., 1938, 1953
Daucus carota var. *sativa*
 Price, W.C., 1940
Delphinium cultorum
 Price, W.C., 1940
Delphinium formosum
 Severin, Henry H.P., 1942
Delphinium grandiflorum var. *album*
 Severin, Henry H.P., 1942
Delphinium hybrid
 Severin, Henry H.P., 1942
Delphinium parryi var. *maritimum*
 Severin, Henry H.P., 1942
Delphinium spp.
 Severin, Henry H.P., 1942
Delphinium zaliil
 Severin, Henry H.P., 1942
Dolichos lablab
 Pierce, W.H., 1934
 Zaumeyer, W.J., 1953
Eschscholtzia californica
 Price, W.C., 1940
Gilia liniflora
 Price, W.C., 1940
Glycine max
 Berkeley, G.H., 1947
 Kreitlow, K.W. and W.C. Price, 1948, 1949
 Pierce, W.H., 1934
 Snyder, William C. and Saul Rich, 1942
 Thomas, H. Rex, 1951
 Zaumeyer, W.J., 1938, 1953
Godetia amoena
 Price, W.C., 1940
Gomphrena globosa
 Richardson, D.E. and T.W. Tinsley, 1956
 Thomas, H. Rex, 1951
Hyoscyamus albus
 Price, W.C., 1940
Hyoscyamus niger
 Price, W.C., 1940
Impatiens balsamina
 Price, W.C., 1940
Impatiens sultani (or sometimes *Impatiens holstii*)
 Kreitlow, K.W. and W.C. Price, 1949
 Zaumeyer, W.J., 1953
Lathyrus odoratus
 Berkeley, G.H., 1947
 Kreitlow, K.W. and W.C. Price, 1949
 Snyder, William C. and Saul Rich, 1942
 Zaumeyer, W.J., 1938
 Zaumeyer, W.J. and B.L. Wade, 1935
Lavatera trimestris
 Price, W.C., 1940
Lens esculenta
 Zaumeyer, W.J., 1938
Lespedeza striata
 Zaumeyer, W.J., 1938
Limonium sinuatum
 Price, W.C., 1940
Linaria macedonica
 Price, W.C., 1940
Lobelia tenuior
 Price, W.C., 1940
Lupinus albus
 Thomas, H. Rex, 1951
 Zaumeyer, W.J., 1938, 1953
Lupinus luteus
 Zaumeyer, W.J., 1938
Lycopersicon esculentum
 Berkeley, G.H., 1947
 Johnson, E.M., 1946
 Milbrath, J.A. and F.P. McWhorter, 1953

VIRUS

- V. LUCERNE MOSAIC* (cont.)
Lycopersicon esculentum
 Porter, D.R., 1935
 Severin, Henry H.P., 1942, 1950
Medicago arabica
 Kreitlow, K.W. and W.C. Price, 1949
Medicago hispida
 Kreitlow, K.W. and W.C. Price, 1949
Medicago obscura
 Kreitlow, K.W. and W.C. Price, 1949
Medicago orbicularis
 Kreitlow, K.W. and W.C. Price, 1949
Medicago sativa
 Diachun, Stephen and Lawrence Henson, 1957
 Henson, Lawrence and Stephen Diachun, 1957
 Houston, Byron R. and John W. Oswald, 1951, 1953
 Johnson, E.M., 1946
 McWhorter, Frank P., 1949
 Oswald, J. hn W., 1950
 Pierce, W.H., 1934, 1937
 Snyder, William C. and Saul Rich, 1942
 Swenson, K.G., 1952
 Thomas, H. Rex, 1951
 Weimer, J.L., 1931, 1934
 Zaumeyer, W.J., 1938, 1953
 Zaumeyer, W.J. and B.L. Wade, 1935
Melilotus alba
 Hanson, E.W. and D.J. Hagedorn, 1954, 1956
 Kreitlow, K.W. and W.C. Price, 1949
 Pierce, W.H., 1934, 1937
 Thomas, H. Rex, 1951
 Zaumeyer, W.J., 1938, 1953
 Zaumeyer, W.J. and B.L. Wade, 1935
Melilotus indica
 Hagedorn, D.J. and E.W. Hanson, 1953
 Kreitlow, K.W. and W.C. Price, 1949
 Snyder, William C. and Saul Rich, 1942
Melilotus officinalis
 Hagedorn, D.J. and E.W. Hanson, 1957
 Kreitlow, K.W. and W.C. Price, 1949
Melilotus spp.
 Kreitlow, K.W. and W.C. Price, 1948
Melilotus suaveolens
 Kreitlow, K.W. and W.C. Price, 1949
Mimulus moschatus
 Price, W.C., 1940
Mirabilis jalapa
 Price, W.C., 1940
Nemesia strumosa
 Price, W.C., 1940
Nemophila menziesii subsp. *insignis*
 Price, W.C., 1940
Nicandra physalodes
 Price, W.C., 1940
Nicotiana alata
 Price, W.C., 1940
Nicotiana glutinosa
 Berkeley, G.H., 1947
 Black, L.M. and W.C. Price, 1940
 Dykstra, T.P., 1939
 Houston, Byron R. and John W. Oswald, 1953
 Kreitlow, K.W. and W.C. Price, 1948, 1949
 Oswald, John W., 1950
 Pierce, W.H., 1934
 Severin, Henry H.P., 1942
 Thomas, H. Rex, 1951
 Zaumeyer, W.J., 1953
Nicotiana langsdorffii
 Price, W.C., 1940
 Severin, Henry H.P., 1942
Nicotiana longiflora
 Price, W.C., 1940
Nicotiana palmeri
 Price, W.C., 1940
Nicotiana paniculata
 Price, W.C., 1940
Nicotiana rustica
 Berkeley, G.H., 1947
 Kreitlow, K.W. and W.C. Price, 1948, 1949
 Oswald, John W., 1950
 Price, W.C., 1940
 Thomas, H. Rex, 1951
 Zaumeyer, W.J., 1953

VIRUS

V. LUCERNE MOSAIC (cont.)

- Nicotiana sanderae*
Price, W.C., 1940
- Nicotiana sylvestris*
Dykstra, T.P., 1939
Price, W.C., 1940
- Nicotiana tabacum*
Berkeley, G.H., 1947
Black, L.M. and W.C. Price, 1940
Houston, Byron R. and John W. Oswald, 1951, 1953
Johnson, E.M., 1946
Kreitlow, K.W. and W.C. Price, 1948, 1949
Oswald, John W., 1950
Pierce, W.H., 1934
Richardson, D.E. and T.W. Tinsley, 1956
Severin, Henry H.P., 1942
Swenson, K.G., 1952
Thomas, H. Rex, 1951, 1953
Thomas, H. Rex and W.J. Zaumeyer, 1950
Zaumeyer, W.J., 1938, 1953
- Pentstemon* spp.
Price, W.C., 1940
- Petunia hybrida*
Berkeley, G.H., 1947
Kreitlow, K.W. and W.C. Price, 1948, 1949
Pierce, W.H., 1934
Richardson, D.E. and T.W. Tinsley, 1956
Severin, Henry H.P., 1942
Snyder, William C. and Saul Rich, 1942
Zaumeyer, W.J., 1938
- Petunia* spp.
Porter, D.R., 1935
- Phacelia campanularia*
Price, W.C., 1940
- Phaseolus aconitifolius*
Thomas, H. Rex, 1951
- Phaseolus acutifolius* var. *latifolius*
Thomas, H.R., 1953
Zaumeyer, W.J., 1953
- Phaseolus angularis*
Pierce, W.H., 1934
Thomas, H. Rex, 1951
Zaumeyer, W.J., 1938
Zaumeyer, W.J. and B.L. Wade, 1935
- Phaseolus aureus*
Pierce, W.H., 1934
Thomas, H. Rex, 1951
Zaumeyer, W.J., 1938
Zaumeyer, W.J. and B.L. Wade, 1935
- Phaseolus calcaratus*
Pierce, W.H., 1934
Thomas, H. Rex, 1951
Zaumeyer, W.J. and B.L. Wade, 1935
- Phaseolus coccineus*
Thomas, H. Rex, 1951
- Phaseolus lunatus*
Kreitlow, K.W. and W.C. Price, 1948, 1949
Thomas, H. Rex, 1951
Zaumeyer, W.J., 1938, 1953
- Phaseolus mungo*
Thomas, H. Rex, 1951
Zaumeyer, W.J., 1938
Zaumeyer, W.J. and B.L. Wade, 1935
- Phaseolus vulgaris*
Berkeley, G.H., 1947
Black, L.M. and W.C. Price, 1940
Houston, Byron R. and John W. Oswald, 1951, 1953
Johnson, E.M., 1946
Kreitlow, K.W. and W.C. Price, 1948, 1949
McWhorter, Frank P., 1949
Milbrath, J.A., 1952
Oswald, John W., 1950
Pierce, W.H., 1934, 1937
Richardson, D.E. and T.W. Tinsley, 1956
Thomas, H. Rex, 1951, 1953
Zaumeyer, W.J., 1938, 1952, 1953
Zaumeyer, W.J. and B.L. Wade, 1933, 1935
- Phlox drummondii*
Price, W.C., 1940
- Physalis peruviana*
Price, W.C., 1940
- Phytolacca americana*
Johnson, E.M., 1946

VIRUS

V. LUCERNE MOSAIC (cont.)

- Phytolacca decandra*
Price, W.C., 1940
- Pisum sativum*
Berkeley, G.H., 1947
Hanson, E.W. and D.J. Hagedorn, 1954
Johnson, E.M., 1946
Kreitlow, K.W. and W.C. Price, 1948, 1949
McWhorter, Frank P., 1949, 1954
Oswald, John W., 1950
Pierce, W.H., 1934
Richardson, D.E. and T.W. Tinsley, 1956
Thomas, H. Rex, 1951, 1953
Zaumeyer, W.J., 1937, 1938, 1953
Zaumeyer, W.J. and B.L. Wade, 1936
- Primula obconica*
Price, W.C., 1940
Severin, Henry H.P. and C.M. Tompkins, 1950
- Rheum rhaboticum*
Price, W.C., 1940
- Rumex crispus*
Price, W.C., 1940
- Salpiglossis sinuata*
Price, W.C., 1940
- Sesbania* spp.
Thomas, H. Rex, 1951
- Sinningia speciosa*
Price, W.C., 1940
- Solanum melongena*
Berkeley, G.H., 1947
Porter, D.R., 1935
- Solanum nodiflorum*
Price, W.C., 1940
- Solanum tuberosum*
Black, L.M. and W.C. Price, 1940
Dykstra, T.P., 1939
Folsom, Donald, 1953
Hoggan, Isme A., 1927
Houston, Byron R. and John W. Oswald, 1951, 1953
McKay, M.B. and T.P. Dykstra, 1932
Milbrath, J.A., 1952
Oswald, John W., 1950
Poster, D.R., 1931, 1935
Richardson, D.E. and T.W. Tinsley, 1956
- Spinacia oleracea*
Price, W.C., 1940
Severin, Henry H.P., 1948
- Tetragonia expansa*
Price, W.C., 1940
- Thunbergia alata*
Price, W.C., 1940
- Trifolium alexandrinum*
Kreitlow, K.W. and W.C. Price, 1949
- Trifolium dubium*
Kreitlow, K.W. and W.C. Price, 1949
- Trifolium fragiferum*
Kreitlow, K.W. and W.C. Price, 1949
- Trifolium giganteum**
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Trifolium glomeratum*
Kreitlow, K.W. and W.C. Price, 1949
- Trifolium hirtum*
Kreitlow, K.W. and W.C. Price, 1949
- Trifolium hybridum*
Hagedorn, D.J. and E.W. Hanson, 1953, 1957
Hanson, E.W. and D.J. Hagedorn, 1954, 1956
Kreitlow, K.W. and W.C. Price, 1949
- Trifolium incarnatum*
Black, L.M. and W.C. Price, 1940
Hagedorn, D.J. and E.W. Hanson, 1953, 1957
Hanson, E.W. and D.J. Hagedorn, 1954, 1956
Kreitlow, K.W. and W.C. Price, 1949
- Trifolium pratense*
Berkeley, G.H., 1947
Black, L.M. and W.C. Price, 1940
Hagedorn, D.J. and E.W. Hanson, 1953, 1957
Hanson, E.W. and D.J. Hagedorn, 1952, 1954, 1956
Johnson, E.M., 1946
Kreitlow, K.W. and W.C. Price, 1949
Pierce, W.H., 1934, 1937

VIRUS

V. LUCERNE MOSAIC (cont.)

Trifolium pratense
 Thomas, H. Rex, 1951
 Zaumeyer, W.J., 1938
 Zaumeyer, W.J. and B.L. Wade, 1935

Trifolium repens
 Black, L.M. and W.C. Price, 1940
 Houston, Byron R. and John W. Oswald, 1953
 Johnson, E.M., 1946
 Kreitlow, K.W., O.J. Hunt and H.L. Wilkins, 1957
 Kreitlow, K.W. and W.C. Price, 1949
 Pierce, W.H., 1934
 Roberts, D.A., 1956
 Snyder, William C. and Saul Rich, 1942
 Zaumeyer, W.J., 1938, 1953

Trifolium repens var. *giganteum**
 Kreitlow, K.W. and W.C. Price, 1948
 Thomas, H. Rex, 1951

Trifolium repens var. *latum**
 Houston, Byron R. and John W. Oswald, 1951

Trifolium resupinatum
 Kreitlow, K.W. and W.C. Price, 1949

Trifolium spp.
 Kreitlow, K.W. and W.C. Price, 1948

Trifolium subterraneum
 Kreitlow, K.W. and W.C. Price, 1949

Verbascum phoeniceum

Price, W.C., 1940

Veronica longifolia

Price, W.C., 1940

Vicia americana
 Zaumeyer, W.J. and B.L. Wade, 1935

Vicia faba

Berkeley, G.H., 1947
 Black, L.M. and W.C. Price, 1940

Houston, Byron R. and John W. Oswald, 1953
 Richardson, D.E. and T.W. Tinsley, 1956

Snyder, William C. and Saul Rich, 1942

Swenson, K.G., 1952

Thomas, H. Rex, 1951

Zaumeyer, W.J., 1938, 1953

Zaumeyer, W.J. and B.L. Wade, 1935

Vicia faba var. *minor*

Pierce, W.H., 1934, 1938

Vicia sativa

Pierce, W.H., 1934

Zaumeyer, W.J., 1938

Vicia villosa

Zaumeyer, W.J., 1938

Vigna sesquipedalis

Pierce, W.H., 1934

Snyder, William C. and Saul Rich, 1942

Zaumeyer, W.J., 1938

Vigna sinensis

Black, L.M. and W.C. Price, 1940

Kreitlow, K.W. and W.C. Price, 1949

Milbrath, J.A. and F.P. McWhorter, 1954

Oswald, John W., 1950

Snyder, William C. and Saul Rich, 1942

Thomas, H. Rex, 1951, 1953

Zaumeyer, W.J., 1938, 1953

Vinca rosea

Kreitlow, K.W. and W.C. Price, 1948, 1949

Price, W.C., 1940

Viola cornuta

Severin, Henry H.P., 1947

Viola tricolor var. *hortensis*

Severin, Henry H.P., 1947

Zaluzianskya villosa

Price, W.C., 1940

Zinnia elegans

Berkeley, G.H., 1947

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Johnson, E.M., 1946

Kreitlow, K.W. and W.C. Price, 1948, 1949

Richardson, D.E. and T.W. Tinsley, 1956

Swenson, K.G., 1952

Thomas, H. Rex, 1951, 1953

Zaumeyer, W.J., 1938, 1953

VIRUS

V. LUCERNE WITCHES' BROOM Edwards 1936

Astragalus chinensis
 Klostermeyer, E.C. and J.D. Menzies, 1951

Astragalus falcatus
 Klostermeyer, E.C. and J.D. Menzies, 1951

Astragalus mortoni
 Klostermeyer, E.C. and J.D. Menzies, 1951

Calendula officinalis
 Helms, Katie, 1957

Crotalaria goreensis
 Helms, Katie, 1957

Datura stramonium
 Helms, Katie, 1957

Datura stramonium var. *tatula*
 Helms, Katie, 1957

Daucus carota
 Helms, Katie, 1957

Daucus carota var. *sativa*
 Kunkel, L.O., 1952

Hedysarum coronarium
 Klostermeyer, E.C. and J.D. Menzies, 1951

Lactuca sativa
 Helms, Katie, 1957

Lathyrus latifolius
 Klostermeyer, E.C. and J.D. Menzies, 1951

Lotus corniculatus
 Klostermeyer, E.C. and J.D. Menzies, 1951

Lycopersicon esculentum
 Helms, Katie, 1957

Medicago falcata
 Klostermeyer, E.C. and J.D. Menzies, 1951

Medicago hispida
 Klostermeyer, E.C. and J.D. Menzies, 1951
 Menzies, J.D., 1944, 1946

Medicago lupulina
 Klostermeyer, E.C. and J.D. Menzies, 1951
 Menzies, J.D., 1944, 1946

Medicago ruthenica
 Klostermeyer, E.C. and J.D. Menzies, 1951

Medicago sativa
 Helms, Katie, 1957
 Kunkel, L.O., 1952
 Menzies, J.D., 1944, 1946
 Menzies, J.D. and F.D. Heald, 1942

Melilotus alba
 Klostermeyer, E.C. and J.D. Menzies, 1951

Nicotiana glutinosa
 Helms, Katie, 1957

Nicotiana rustica
 Helms, Katie, 1957

Nicotiana tabacum
 Helms, Katie, 1957

Nicotiana tabacum var. *atropurpurea**
 Helms, Katie, 1957

Petunia spp.
 Helms, Katie, 1957

Solanum tuberosum
 Helms, Katie, 1957
 Kunkel, L.O., 1952

Trifolium pratense
 Klostermeyer, E.C. and J.D. Menzies, 1951
 Menzies, J.D., 1946

Trifolium repens
 Klostermeyer, E.C. and J.D. Menzies, 1951
 Menzies, J.D., 1946

Trifolium subterraneum
 Klostermeyer, E.C. and J.D. Menzies, 1951

Vinca rosea
 Kunkel, L.O., 1952

Vinca rosea var. *alba*
 Helms, Katie, 1957

Vinca rosea var. *oculata**
 Helms, Katie, 1957

V. LUPINE DISEASE *
Capsicum frutescens (*Capsicum annuum*)
 Weimer, J.L., 1950

Cucumis sativus
 Weimer, J.L., 1950

Lupinus angustifolius

Weimer, J.L., 1950

VIRUS

V. MAIZE LEAF FLECK Stoner 1952

Phalaris tuberosa var. *stenoptera*
Stoner, Warren N., 1952
Zea mays
Stoner, Warren N., 1952

V. MAIZE MOSAIC Kunkel 1923

Musa textilis
Juliano, Jorge P., 1951
Saccharum officinarum
Brandes, E.W., 1920
Zea mays
Brandes, E.W., 1920
Kunkel, L.O., 1927

V. MAIZE STREAK Storey 1925

Avena sativa
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Chloris virgata
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Digitaria horizontalis
Storey, H.H. and A.P.D. McClean, 1930
Eleusine indica
Storey, H.H. and A.P.D. McClean, 1930
Eragrostis abyssinica
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Eragrostis aspera
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Eragrostis curvula
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Euchlaena mexicana
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Hordeum vulgare
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Lolium subulatum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Saccharum officinarum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Saccharum spp.
Storey, H.H. and A.P.D. McClean, 1930
Secale cereale
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Triticum aestivum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Urochloa panicoides
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Zea mays
Finley, A.M., 1954
McKinney, H.H., 1929
Storey, H.H., 1925, 1928, 1932, 1937
Storey, H.H. and A.P.D. McClean, 1930

V. MAIZE STUNT Kunkel 1946

Zea mays
Hildebrand, E.M., 1949
Maramorosch, Karl, 1951, 1955, 1956, 1957
Niederhauser, John S. and Javier Cervantes, 1950

V. MAIZE WALLABY EAR Schindler 1942

Zea mays
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. MALVA YELLOW VEIN MOSAIC *

Lavatera assurgentiflora
Costa, A.S. and James E. Duffus, 1957
Malva parviflora
Costa, A.S. and James E. Duffus, 1957
Malva rotundifolia
Costa, A.S. and James E. Duffus, 1957
Malva sylvestris
Costa, A.S. and James E. Duffus, 1957

V. MILKWEED MOSAIC *

Asclepias syriaca
Newhall, A.G., 1923

V. MOUNTAIN ASH INFECTIOUS VARIEGATION

Sorbus aucuparia
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. MUSKMELON MOSAIC Rader et al. 1947

Citrullus vulgaris
Anderson, C.W., 1954

VIRUS

V. MUSKMELON MOSAIC (cont.)

Citrullus vulgaris
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Citrullus vulgaris var. *citrifolia*
Anderson, C.W., 1954

Cucumis anguria

Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947

Cucumis melo

Anderson, C.W., 1954
Freitag, J.H., 1952
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Cucumis melo var. *chito*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947

Cucumis melo var. *conomon* *

Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947

Cucumis melo var. *flexuosus*

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947

Cucumis melo var. *inodorus*

Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947

Cucumis melo var. *reticulatus*

Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947

Cucumis sativus

Anderson, C.W., 1954
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947

Cucurbita maxima

Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947

Cucurbita moschata

Anderson, C.W., 1954
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947

Cucurbita okeechobensis

Anderson, C.W., 1954

Cucurbita pepo

Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947

Cucurbita pepo var. *medullosa* *

Anderson, C.W., 1954

Cucurbita pepo var. *melopepo*

Anderson, C.W., 1954

Cyclanthera pedata

Anderson, C.W., 1954

Lagenaria siceraria (*Lagenaria leucantha*)

Anderson, C.W., 1954

Luffa aegyptiaca (*Luffa cylindrica*)

Anderson, C.W., 1954

Melothria pendula

Anderson, C.W., 1954

Momordica charantia

Anderson, C.W., 1954

V. MUSKMELON VEIN NECROSIS Freitag 1952

Cucumis melo

Freitag, J.H., 1952

V. MUSTARD (BLACK) RING SPOT *

Brassica spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. NARCISSUS MOSAIC McWhorter and Weiss 1932;

Narcissus pseudo-narcissus Haasis 1939

Narcissus spp.

Blanton, F.S. and F.A. Haasis, 1942

Haasis, Frank A., 1939

McWhorter, Frank P. and Freeman Weiss, 1932

V. NARCISSUS STRIPE *

Chenopodium amaranticolor

Hollings, M., 1957

VIRUS

V. NARCISSUS STRIPE * (cont.)

- Narcissus pallida praecox* *
 Caldwell, John and Ian W. Prentice, 1943
Narcissus spp.
 Caldwell, John and Ian W. Prentice, 1943
 Hawker, Lilian E., 1943
Narcissus triandrus
 Caldwell, John and Ian W. Prentice, 1943

V. NICOTIANA GLAUCA LIGHT GREEN MOSAIC *

- Nicotiana glauca*
 McKinney, H.H., 1929
Nicotiana tabacum
 McKinney, H.H., 1929

V. NICOTIANA GLAUCA MILD DARK GREEN MOSAIC *

- Nicotiana tabacum*
 McKinney, H.H., 1929

V. NICOTIANA GLAUCA YELLOW MOSAIC *

- Nicotiana tabacum*
 McKinney, H.H., 1929

V. NICOTIANA GLUTINOSA MOSAIC *

- Datura fastuosa*
 Allard, H.A., 1916
Lycopersicon esculentum
 Walker, M.N., 1925
Nicotiana glutinosa
 Allard, H.A., 1916
 Fernow, Karl Hermann, 1925
Nicotiana tabacum
 Walker, M.N., 1925
Nicotiana tabacum x Nicotiana glutinosa
 Allard, H.A., 1916

V. NICOTIANA GLUTINOSA ROOT NECROSIS *

- Nicotiana glutinosa*
 Cetas, Robert C. and A. Frank Ross, 1952
Nicotiana repanda
 Cetas, Robert C. and A. Frank Ross, 1952
Physalis floridana
 Cetas, Robert C. and A. Frank Ross, 1952
Physalis peruviana
 Cetas, Robert C. and A. Frank Ross, 1952

V. NOTHOSCORDUM MOSAIC McKinney 1950

- Nothoscordum fragrans*
 McKinney, H.H., 1950

V. (OAT) BLUE DWARF *

- Avena sativa*
 Moore, M.B., 1952

V. OAT PSEUDO-ROSETTE Grebennikov 1941

- Agropyron repens*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Avena byzantina
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Avena festuca *
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Avena sativa
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Avena sterilis
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Avena strigosa
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Bromus inermis
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Echinochloa crus-galli
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Hordeum vulgare
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Oryza sativa
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Panicum miliaceum
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Secale cereale
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Setaria viridis
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Triticum aestivum
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

VIRUS

V. OAT PSEUDO-ROSETTE (cont.)

- Zea mays*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. ONION MOSAIC Vovk 1944

- Allium canadense*
 McKinney, H.H., 1928
Allium cepa
 Brierley, Philip and Floyd F. Smith, 1944
Allium neopolitanum
 Brierley, Philip and Floyd F. Smith, 1944
Allium sativum
 Brierley, Philip and Floyd F. Smith, 1944
Allium vineale
 Brierley, Philip and Floyd F. Smith, 1944

V. ONION YELLOW DWARF Melhus et al. 1929; Drake, Harris, and Tate 1932

- Allium ascalonicum*
 Henderson, D.M., 1933
 Henderson, W.J., 1935
Allium cepa
 Brierley, Philip and Floyd F. Smith, 1946
 Henderson, D.M., 1953
 Henderson, W.J., 1932, 1935
 Melhus, I.E. and W.J. Henderson, 1929
 Melhus, I.E., C.S. Reddy, W.J. Henderson and E. Vestal, 1929
Allium cepa var. solaninum
 Brierley, Philip and Floyd F. Smith, 1944
Allium cepa var. viviparum
 Brierley, Philip and Floyd F. Smith, 1944
Allium porrum
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Allium sativum
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Allium vineale
 Brierley, Philip and Floyd F. Smith, 1944
Narcissus jonquilla
 Henderson, W.J., 1935
Narcissus tazetta
 Henderson, W.J., 1935

V. ORCHID *

- Spathoglottis spp.*
 Murakishi, H. and M. Ishii, 1954

V. ORCHID (CATTLEYA) MOSAIC Jensen 1949

- Cattleya mossiae*
 Jensen, D.D., 1949
Cattleya spp.
 Murakishi, Harry H., 1952
Cattleya trianae
 Jensen, D.D., 1949

V. ORCHID (CYMBIDIUM) MOSAIC Jensen 1950

- Angraecum eburneum*
 Jensen, D.D. and A.H. Gold, 1955
Brassocattleya dietrichiana *
 Jensen, D.D. and A.H. Gold, 1955
Cattleya spp.
 Murakishi, H. and M. Ishii, 1954
Cattleya trianaei
 Jensen, D.D. and A.H. Gold, 1955
Cattleya waltersiana *
 Jensen, D.D. and A.H. Gold, 1955
Chenopodium amaranticolor
 Hollings, M., 1956
Cymbidium insigne
 Jensen, D.D., 1951
Cymbidium lowianum
 Jensen, D.D., 1951
Cymbidium spp.
 Jensen, D.D., 1950
 Jensen, D.D. and A.H. Gold, 1955
 Murakishi, H. and M. Ishii, 1954
 White, N.H. and D.J. Goodchild, 1955
Datura stramonium
 Jensen, D.D. and A.H. Gold, 1955
 White, N.H. and D.J. Goodchild, 1955
Epidendrum spp.
 Jensen, D.D. and A.H. Gold, 1955

VIRUS

V. ORCHID (CYMBIDIUM) MOSAIC (cont.)

- Laelia anceps*
 Jensen, D.D. and A.H. Gold, 1955
*Laeliocattleya lustre plumosa **
 Jensen, D.D. and A.H. Gold, 1955
*Laeliocattleya pasadena **
 Jensen, D.D. and A.H. Gold, 1955
*Laeliocattleya proca **
 Jensen, D.D. and A.H. Gold, 1955
*Laeliocattleya sargon **
 Jensen, D.D. and A.H. Gold, 1955
*Laeliocattleya shoshone **
 Jensen, D.D. and A.H. Gold, 1955
Oncidium spp.
 Jensen, D.D. and A.H. Gold, 1955
Zygopetalum spp.
 Jensen, D.D. and A.H. Gold, 1955

V. ORCHID (DENDROBIUM) MOSAIC *

- Dendrobium superbun*
 Murakishi, Harry H., 1952
 Murakishi, H. and M. Ishii, 1954

V. ORCHID (LAELIA ANCEPS) *

- Cymbidium spp.*
 Jensen, D.D. and A. Herbert Gold, 1952
Laelia anceps
 Jensen, D.D. and A. Herbert Gold, 1952

V. ORCHID (ODONTOGLOSSUM) RING SPOT Jensen and Cattleya spp. Gold 1951

- Jensen, D.D. and A. Herbert Gold, 1952
Cymbidium spp.
 Jensen, D.D. and A. Herbert Gold, 1952
Odontoglossum grande
 Jensen, D.D. and A. Herbert Gold, 1951, 1952
Zinnia elegans
 Jensen, D.D. and A. Herbert Gold, 1952

V. ORCHID (ONCIDIUM ROGERS) *

- Cymbidium spp.*
 Jensen, D.D. and A. Herbert Gold, 1952
*Oncidium rogers **
 Jensen, D.D. and A. Herbert Gold, 1952

V. ORCHID (VANDA) MOSAIC Murakishi 1950

- Aranda spp.*
 Murakishi, Harry H., 1952
*Vanda boschii **
 Murakishi, Harry H., 1952
*Vanda cooperii **
 Murakishi, Harry H., 1952
Vanda spp.
 Murakishi, Harry H., 1952
 Murakishi, H. and M. Ishii, 1954

V. ORNITHOGALUM MOSAIC Smith and Brierley 1944

- Eucomis spp.*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Ornithogalum thyrsoides
 Smith, Floyd F. and Philip Brierley, 1944

V. PANAX RING SPOT Aragaki et al. 1953

- Nothopanax guilfoylei*
 Aragaki, M. and H. Murakishi, and J.W. Hendrix, 1953

V. PANICUM MOSAIC *

- Digitaria sanguinalis*
 Sill, W.H., Jr., 1957
 Sill, W.H., Jr. and R.C. Pickett, 1957
Echinochloa crus-galli
 Sill, W.H., Jr., 1957
 Sill, W.H., Jr. and R.C. Pickett, 1957
Panicum capillare
 Sill, W.H., Jr. and R.C. Pickett, 1957
Panicum hallii
 Sill, W.H., Jr. and R.C. Pickett, 1957
Panicum miliaceum
 Sill, W.H., Jr. and R.C. Pickett, 1957
Panicum scribnarianum
 Sill, W.H., Jr. and R.C. Pickett, 1957

VIRUS

V. PANICUM MOSAIC * (cont.)

- Panicum virgatum*
 Sill, W.H., Jr., 1957
 Sill, W.H., Jr. and R.C. Pickett, 1957
Setaria italica
 Sill, W.H., Jr., 1957
 Sill, W.H., Jr. and R.C. Pickett, 1957

V. PAPAW BUNCHY TOP Bird and Adsuar 1952

- Carica papaya*
 Bird, Julio and Jose Adsuar, 1952

V. PAPAW MOSAIC Kapoor and Varma 1948

- Carica papaya*
 Adsuar, Jose, 1946, 1947
Melothria guadalupensis
 Adsuar, Jose, 1950

V. PAPAW RING SPOT Jensen 1947

- Carica papaya*
 Holmes, F.O., J.W. Hendrix, W. Ikeda, D.D.
 Jensen, R.C. Lindner and W.B. Storey, 1948
 Jensen, D.D., 1949

V. PASSIFLORA FOETIDA MOSAIC *

- Passiflora foetida*
 Jensen, D.D., 1949

V. PASSIFLORA PFORDTI MOSAIC *

- Passiflora pfordtii*
 Jensen, D.D., 1949

V. PEA DIE BACK *

- Cucumis sativus*
 Zaumeyer, W.J., 1939
Nicotiana tabacum
 Zaumeyer, W.J., 1939
Petunia hybrida
 Zaumeyer, W.J., 1939
Phaseolus lunatus
 Zaumeyer, W.J., 1939
Pisum sativum
 Zaumeyer, W.J., 1939
Vicia faba
 Zaumeyer, W.J., 1939

V. PEA ENATION MOSAIC Pierce 1935

- Astragalus rubyi*
 Hagedorn, D.J., 1957
Cicer arietinum
 Hagedorn, D.J., 1957
Glycine max
 Chaudhuri, R.P., 1950
 Hagedorn, D.J., 1952
 Hagedorn, D.J. and J.C. Walker, 1954
Pierce, W.H., 1935
 Simons, John N., 1954
 Stubbs, M.W., 1936, 1937

- Lathyrus cicera*
 Hagedorn, D.J., 1957

- Lathyrus hirsutus*
 McEwen, F.L. and W.T. Schroeder, 1956

- Lathyrus latifolius*
 Johnson, Folke and Leon K. Jones, 1937

- Lathyrus odoratus*
 Ainsworth, G.C., 1940
 Chaudhuri, R.P., 1950
 Hagedorn, D.J. and J.C. Walker, 1954
 Johnson, Folke and Leon K. Jones, 1937
 Osborn, H.T., 1938
 Simons, John N., 1954
 Stubbs, M.W., 1936, 1937

- Lathyrus tingitanus*
 Hagedorn, D.J., 1957

- Lupinus albus*
 Hagedorn, D.J., 1957

- Lupinus angustifolius*
 Hagedorn, D.J., 1957

- Medicago arabica*
 Simons, John N., 1954
Medicago hispida
 Simons, John N., 1954

VIRUS

V. PEA ENATION MOSAIC (cont.)

- Medicago sativa*
 Johnson, Folke and Leon K. Jones, 1937
 McEwen, F. L. and W. T. Schroeder, 1956
- Melilotus alba*
 McEwen, F. L. and W. T. Schroeder, 1956
- Melilotus officinalis*
 Hagedorn, D. J. and J. C. Walker, 1954
 McEwen, F. L. and W. T. Schroeder, 1956
- Stubbs, M. W.*, 1936, 1937
- Phaseolus vulgaris*
 Johnson, Folke and Leon K. Jones, 1937
- Pisum sativum*
 Ainsworth, G. C., 1940
 Chaudhuri, R. P., 1950
 Hagedorn, D. J., 1952
 Hagedorn, D. J. and J. C. Walker, 1954
 Johnson, Folke and Leon K. Jones, 1937
 McEwen, F. L. and W. T. Schroeder, 1956
 McWhorter, Frank P., 1954
 Osborn, H. T., 1938
 Pierce, W. H., 1935, 1937
 Simons, John N., 1954
 Stubbs, M. W., 1936, 1937
- Pisum sativum* var. *arvense*
 Osborn, H. T., 1938
- Pisum sativum* var. *saccharatum*
 Pierce, W. H., 1935
- Trifolium glomeratum*
 Hagedorn, D. J., 1957
- Trifolium hybridum*
 Johnson, Folke and Leon K. Jones, 1937
- Trifolium incarnatum*
 Chaudhuri, R. P., 1950
 Hagedorn, D. J., 1952
 Hagedorn, D. J. and J. C. Walker, 1954
 McEwen, F. L. and W. T. Schroeder, 1956
 Osborn, H. T., 1938
 Simons, John N., 1954
 Stubbs, M. W., 1937
- Trifolium pratense*
 Hagedorn, D. J., 1952
- Trifolium repens*
 McEwen, F. L. and W. T. Schroeder, 1956
- Trifolium resupinatum*
 Hagedorn, D. J., 1957
- Trifolium subterraneum*
 Hagedorn, D. J., 1957
- Trigonella foenum-graecum*
 Hagedorn, D. J., 1952
- Vicia dasycarpa*
 Hagedorn, D. J., 1957
- Vicia faba*
 Ainsworth, G. C., 1940
 McEwen, F. L. and W. T. Schroeder, 1956
 Osborn, H. T., 1934, 1935, 1938
 Stubbs, M. W., 1936
- Vicia faba* var. *minor*
 Hagedorn, D. J. and J. C. Walker, 1954
 Pierce, W. H., 1935
 Stubbs, M. W., 1937
- Vicia pannonica*
 Hagedorn, D. J., 1957
- Vicia sativa*
 McEwen, F. L. and W. T. Schroeder, 1956
- Vicia villosa*
 McEwen, F. L. and W. T. Schroeder, 1956
- V. PEA LEAF ROLL Quantz and Volk 1954
Medicago sativa
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- Pisum sativum*
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- V. PEA MOSAIC Doolittle and Jones 1925; Chamberlain 1925; Chenopodium amaranticolor 1936, 1937
 Hollings, M., 1957
- Cicer arietinum*
 Murphy, D. M. and W. H. Pierce, 1937
 Zaumeyer, W. J. and B. L. Wade, 1935
- Desmodium canadense*
 Murphy, D. M. and W. H. Pierce, 1937

VIRUS

V. PEA MOSAIC (cont.)

- Lathyrus hirsutus*
 Hagedorn, D. J., 1948
- Lathyrus odoratus*
 Ainsworth, G. C., 1940
 Chaudhuri, R. P., 1950
 Doolittle, S. P. and F. R. Jones, 1925
 Hagedorn, D. J. and J. C. Walker, 1954
 Murphy, D. M. and W. H. Pierce, 1937
 Osborn, H. T., 1934, 1935
 Stubbs, M. W., 1936, 1937
- Lathyrus sativus*
 Murphy, D. M. and W. H. Pierce, 1937
- Lupinus albus*
 Hagedorn, D. J. and J. C. Walker, 1954
 Murphy, D. M. and W. H. Pierce, 1937
 Pierce, W. H., 1937
 Stubbs, M. W., 1936, 1937
- Lupinus angustifolius*
 Murphy, D. M. and W. H. Pierce, 1937
- Lupinus densiflorus*
 Murphy, D. M. and W. H. Pierce, 1937
- Lupinus hartwegii*
 Murphy, D. M. and W. H. Pierce, 1937
- Lupinus luteus*
 Steveninck, R. F. M. Van, 1957
- Lupinus nanus*
 Murphy, D. M. and W. H. Pierce, 1937
- Medicago arabica*
 Murphy, D. M. and W. H. Pierce, 1937
- Medicago hispida*
 Murphy, D. M. and W. H. Pierce, 1937
- Medicago sativa*
 Johnson, F. and L. K. Jones, 1936
- Melilotus alba*
 Hagedorn, D. J., 1948
 Murphy, D. M. and W. H. Pierce, 1937
 Osborn, H. T., 1937
 Pierce, W. H., 1937
 Zaumeyer, W. J. and B. L. Wade, 1935
- Melilotus alba* var. *annua*
 Murphy, D. M. and W. H. Pierce, 1937
- Melilotus indica*
 Murphy, D. M. and W. H. Pierce, 1937
- Melilotus officinalis*
 Hagedorn, D. J., 1948
 Hagedorn, D. J. and J. C. Walker, 1954
 Murphy, D. M. and W. H. Pierce, 1937
 Pierce, W. H., 1935
 Stubbs, M. W., 1936, 1937
- Phaseolus acutifolius* var. *latifolius*
 Murphy, D. M. and W. H. Pierce, 1937
- Phaseolus vulgaris*
 Hagedorn, D. J., 1948
 Johnson, F. and L. K. Jones, 1936
 Osborn, H. T., 1937
 Zaumeyer, W. J., 1933
 Zaumeyer, W. J. and B. L. Wade, 1933
- Pisum sativum*
 Ainsworth, G. C., 1940
 Chaudhuri, R. P., 1950
 Doolittle, S. P. and F. R. Jones, 1925
 Hagedorn, D. J., 1948
 Hagedorn, D. J. and J. C. Walker, 1954
 Johnson, F. and L. K. Jones, 1936
 Murphy, D. M. and W. H. Pierce, 1937
 Osborn, H. T., 1934, 1935
 Oshima, Nagayoshi and M. F. Kernkamp, 1957
 Pierce, W. H., 1935, 1937
 Snyder, W. C., 1934
 Stubbs, M. W., 1936, 1937
 Yen, D. E. and P. R. Fry, 1956
 Zaumeyer, W. J. and B. L. Wade, 1936
- Pisum sativum* var. *arvense*
 Hagedorn, D. J., 1948
 Murphy, D. M. and W. H. Pierce, 1937
 Osborn, H. T., 1934, 1935
- Trifolium agrarium*
 Murphy, D. M. and W. H. Pierce, 1937
- Trifolium carolinianum*
 Murphy, D. M. and W. H. Pierce, 1937

VIRUS

V. PEA MOSAIC (cont.)

- Trifolium dubium*
 - Murphy, D. M. and W. H. Pierce, 1937
- Trifolium glomeratum*
 - Murphy, D. M. and W. H. Pierce, 1937
- Trifolium hybridum*
 - Johnson, F. and L. K. Jones, 1936
 - Murphy, D. M. and W. H. Pierce, 1937
 - Pierce, W. H., 1937
- Trifolium incarnatum*
 - Chaudhuri, R. P., 1950
 - Hagedorn, D. J., 1948
 - Hagedorn, D. J. and J. C. Walker, 1954
 - Murphy, D. M. and W. H. Pierce, 1937
 - Osborn, H. T., 1935, 1937
 - Stubbs, M. W., 1936, 1937
- Trifolium pratense*
 - Doolittle, S. P. and F. R. Jones, 1925
 - Hagedorn, D. J., 1948
 - Hanson, E. W. and D. J. Hagedorn, 1952
 - Murphy, D. M. and W. H. Pierce, 1937
 - Osborn, H. T., 1937
 - Oshima, Nagayoshi and M. F. Kernkamp, 1957
 - Pierce, W. H., 1935, 1937
- Trifolium procumbens*
 - Murphy, D. M. and W. H. Pierce, 1937
- Trifolium reflexum*
 - Murphy, D. M. and W. H. Pierce, 1937
- Trifolium suaveolens*
 - Murphy, D. M. and W. H. Pierce, 1937
- Trifolium subterranean*
 - Chaudhuri, R. P., 1950
- Trigonella foenum-graecum*
 - Hagedorn, D. J., 1948
- Vicia faba*
 - Ainsworth, G. C., 1940
 - Chaudhuri, R. P., 1950
 - Hagedorn, D. J., 1948
 - Johnson, F. and L. K. Jones, 1936
 - Osborn, H. T., 1937
 - Stubbs, M. W., 1936
- Vicia faba* var. major *
 - Murphy, D. M. and W. H. Pierce, 1937
- Vicia faba* var. minor
 - Hagedorn, D. J. and J. C. Walker, 1954
 - Murphy, D. M. and W. H. Pierce, 1937
 - Pierce, W. H., 1935
 - Stubbs, M. W., 1937
- Vicia sativa*
 - Chaudhuri, R. P., 1950
 - Murphy, D. M. and W. H. Pierce, 1937

V. PEA MOTTLE F. Johnson 1942

- Antirrhinum majus*
 - Johnson, Folke, 1942
- Cucumis sativus*
 - Johnson, Folke, 1942
- Lathyrus latifolius*
 - Johnson, Folke and Leon K. Jones, 1937
- Lathyrus odoratus*
 - Johnson, Folke, 1942
 - Johnson, Folke and Leon K. Jones, 1937
- Lens culinaris*
 - Johnson, F. and L. K. Jones, 1936
- Lens esculenta*
 - Johnson, Folke, 1942
 - Johnson, Folke and Leon K. Jones, 1937
- Lupinus albus*
 - Johnson, Folke, 1942
- Lupinus hirsutus*
 - Johnson, Folke, 1942
- Medicago lupulina*
 - Johnson, Folke, 1942
 - Johnson, Folke and Leon K. Jones, 1937
- Medicago sativa*
 - Johnson, Folke, 1942
 - Johnson, F. and L. K. Jones, 1936, 1937
- Melilotus alba*
 - Johnson, Folke, 1942
 - Johnson, F. and L. K. Jones, 1936
- Melilotus officinalis*
 - Johnson, Folke and Leon K. Jones, 1937

VIRUS

V. PEA MOTTLE (cont.)

- Pisum sativum*
 - Johnson, Folke, 1942
 - Johnson, F. and L. K. Jones, 1936, 1937
 - Phaseolus aureus*
 - Johnson, Folke, 1942
 - Phaseolus vulgaris*
 - Johnson, Folke, 1942
 - Johnson, F. and L. K. Jones, 1936, 1937
 - Spinacia oleracea*
 - Johnson, Folke, 1942
 - Stellaria media*
 - Johnson, Folke, 1942
 - Trifolium hybridum*
 - Johnson, Folke, 1942
 - Johnson, F. and L. K. Jones, 1936, 1937
 - Trifolium incarnatum*
 - Johnson, Folke, 1942
 - Trifolium pratense*
 - Johnson, Folke, 1942
 - Johnson, F. and L. K. Jones, 1936, 1937
 - Trifolium repens*
 - Johnson, Folke, 1942
 - Johnson, F. and L. K. Jones, 1936, 1937
 - Zaumeyer, W. J. and B. L. Wade, 1935
 - Vicia faba*
 - Johnson, Folke, 1942
 - Johnson, F. and L. K. Jones, 1936, 1937
 - Vicia sativa*
 - Johnson, Folke, 1942
 - Johnson, F. and L. K. Jones, 1936, 1937
- V. PEA STEM STREAK *
- Cucumis sativus*
 - Zaumeyer, W. J., 1939
 - Nicotiana tabacum*
 - Zaumeyer, W. J., 1939
 - Petunia hybrida*
 - Zaumeyer, W. J., 1939
 - Phaseolus lunatus*
 - Zaumeyer, W. J., 1939
 - Pisum sativum*
 - Zaumeyer, W. J., 1939
 - Vicia faba*
 - Zaumeyer, W. J., 1939
- V. PEA STREAK Zaumeyer and Wade 1938
- Cicer arietinum*
 - Zaumeyer, W. J., 1938
 - Glycine max*
 - Kim, Woon S. and D. J. Hagedorn, 1957
 - Zaumeyer, W. J., 1938
 - Lathyrus hirsutus*
 - Hagedorn, D. J., 1948
 - Lens esculenta*
 - Zaumeyer, W. J., 1938
 - Medicago sativa*
 - Zaumeyer, W. J., 1938
 - Melilotus alba*
 - Hagedorn, D. J., 1948
 - Zaumeyer, W. J., 1938
 - Nicotiana tabacum*
 - Kim, Woon S. and D. J. Hagedorn, 1957
 - Phaseolus vulgaris*
 - Kim, Woon S. and D. J. Hagedorn, 1957
 - Pisum sativum*
 - Kim, Woon S. and D. J. Hagedorn, 1957
 - Linford, M. B., 1931
 - Oshima, Nagayoshi and M. F. Kernkamp, 1957
 - Zaumeyer, W. J., 1937, 1938
 - Zaumeyer, W. J. and B. L. Wade, 1937
 - Trifolium hybridum*
 - Hagedorn, D. J., 1948
 - Trifolium incarnatum*
 - Hagedorn, D. J., 1948
 - Zaumeyer, W. J., 1938
 - Trifolium pratense*
 - Hagedorn, D. J., 1948
 - Oshima, Nagayoshi and M. F. Kernkamp, 1957
 - Zaumeyer, W. J., 1938
 - Trifolium repens*
 - Zaumeyer, W. J., 1938

- VIRUS**
- V. PEA STREAK (cont.)**
- Vicia faba*
Zaumeyer, W.J., 1938
 - Vicia faba* var. *minor*
Zaumeyer, W.J., 1938
 - Vicia sativa*
Zaumeyer, W.J., 1938
 - Vigna sinensis*
Kim, Woon S. and D.J. Hagedorn, 1957
 - Zinnia elegans*
Kim, Woon S. and D.J. Hagedorn, 1957
- V. PEA WILT F. Johnson 1942**
- Glycine max*
Pierce, W.H., 1935
 - Lathyrus odoratus*
Johnson, Folke, 1942
 - Lens esculenta*
Johnson, Folke, 1942
 - Lupinus albus*
Johnson, Folke, 1942
 - Medicago lupulina*
Johnson, Folke, 1942
 - Melilotus alba*
Johnson, Folke, 1942
 - Phaseolus aureus*
Johnson, Folke, 1942
 - Phaseolus vulgaris*
Johnson, Folke, 1942
 - Pisum sativum*
Johnson, Folke, 1942
 - Pisum sativum* var. *saccharatum*
Pierce, W.H., 1935
 - Trifolium hybridum*
Johnson, Folke, 1942
 - Trifolium incarnatum*
Johnson, Folke, 1942
 - Trifolium pratense*
Johnson, Folke, 1942
 - Trifolium repens*
Johnson, Folke, 1942
 - Vicia faba*
Johnson, Folke, 1942
 - Vicia faba* var. *minor*
Pierce, W.H., 1935
 - Vicia sativa*
Johnson, Folke, 1942
 - Vigna sinensis*
Johnson, Folke, 1942
- V. PEA YELLOW MOSAIC ***
- Lathyrus odoratus*
Ainsworth, G.C., 1940
 - Pisum sativum*
Ainsworth, G.C., 1940
 - Trifolium pratense*
Ainsworth, G.C., 1940
 - Vicia faba*
Ainsworth, G.C., 1940
- V. PEACH ASTEROID SPOT Cochran and C.O. Smith 1938**
- Prunus amygdalus* 1938
Richards, B.L. and L.C. Cochran, 1956
 - Prunus armeniaca*
Richards, B.L. and L.C. Cochran, 1956
 - Prunus avium*
Richards, B.L. and L.C. Cochran, 1956
 - Prunus domestica*
Richards, B.L. and L.C. Cochran, 1956
 - Prunus mume*
Richards, B.L. and L.C. Cochran, 1956
 - Prunus persica*
Clayton, C.N., 1949
 - Prunus persica* var. *nectarina*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Prunus salicina*
Richards, B.L. and L.C. Cochran, 1956
- VIRUS**
- V. PEACH BLOTCH Willison 1946**
- Prunus persica*
Willison, R.S., 1946
- V. PEACH CALICO Blodgett 1942**
- Prunus calico*
Blodgett, Earle C., 1944
- V. PEACH LITTLE PEACH E.F. Smith 1891 ((This virus is related to the longer known V. Peach yellows (q.v.)))**
- Prunus armeniaca*
Manns, T.F., 1942
 - Prunus cerasifera*
Manns, T.F., 1942
 - Prunus cerasifera* var. *pissardii*
Manns, T.F., 1942
 - Prunus communis*
Manns, T.F., 1942
 - Prunus domestica*
Manns, T.F., 1942
 - Prunus insititia*
Manns, T.F., 1942
 - Prunus munsoniana*
Manns, T.F., 1942
 - Prunus munsoniana* x *Prunus salicina*
Manns, T.F., 1942
 - Prunus persica*
Cook, M.T., 1922
 - Prunus salicina*
Kunkel, L.O., 1936, 1938
 - Prunus persica*
Manns, T.F., 1936, 1942
 - Prunus salicina*
Manns, T.F., 1936, 1942
 - Prunus simonii*
Manns, T.F., 1942
- V. PEACH MOSAIC Hutchins 1932**
- Prunus americana*
Richards, B.L. and L.C. Cochran, 1956
 - Prunus amygdalus*
Cochran, L.C. and L.M. Hutchins, 1937, 1938
 - Prunus angustifolia*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Prunus armeniaca*
Bodine, E.W. and L.W. Durrell, 1941
 - Prunus avium* x *Prunus cerasus*
Bodine, E.W. and L.W. Durrell, 1941
 - Prunus besseyi*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Prunus cerasifera*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Prunus communis*
Bodine, E.W. and L.W. Durrell, 1941
 - Prunus davidiana* (*Amygdalus davidiana*)
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Prunus domestica*
Bodine, E.W., 1937
 - Prunus insititia*
Bodine, E.W. and L.W. Durrell, 1941
 - Prunus mexicana*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Prunus mume*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Prunus munsoniana*
Richards, B.L. and L.C. Cochran, 1956
 - Prunus persica*
Bennett, C.W., 1944
 - Prunus persica*
Bodine, E.W., 1937, 1942
 - Prunus persica*
Bodine, E.W. and L.W. Durrell, 1941
 - Cation, D.* 1934
 - Prunus persica*
Cochran, L.C. and L.M. Hutchins, 1937, 1938
 - Prunus persica*
Cochran, L.C. and John L. Rue, 1944, 1946
 - Prunus persica*
Hutchins, L.M., 1933
 - Prunus persica*
Hutchins, Lee M. and L.C. Cochran, 1940
 - Prunus persica*
Kunkel, L.O., 1938
 - Prunus persica*
Richards, B.L. and L.C. Cochran, 1956
 - Prunus persica*
Stout, Gilbert L., 1939
 - Prunus persica*
Wilson, Norton S., Laurence S. Jones and L.C. Cochran, 1955

VIRUS

V. PEACH MOSAIC (cont.)

- Prunus persica* var. *nectarina*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Prunus salicina
 Bodine, E.W. and L.W. Durrell, 1941
 Richards, B.L. and L.C. Cochran, 1956
Prunus salicina x *Prunus simonii*
 Bodine, E.W. and L.W. Durrell, 1941
Prunus tangutica
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Prunus tomentosa
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. PEACH MOTTLE Blodgett 1941

- Prunus avium*
 Blodgett, Earle C., 1941
Prunus cerasus
 Blodgett, Earle C., 1941
Prunus persica
 Blodgett, Earle C., 1941

V. PEACH NECROTIC LEAF SPOT Cation 1942

- Prunus avium*
 Cation, Donald, 1942
 Richards, B.L. and L.C. Cochran, 1956
Prunus besseyi
 Fridlund, Paul R., 1954
Prunus besseyi x *Prunus hortulana*
 Fridlund, Paul R., 1954
Prunus besseyi x *Prunus salicina*
 Fridlund, Paul R., 1954
Prunus cerasus
 Richards, B.L. and L.C. Cochran, 1956
Prunus persica
 Cation, Donald, 1942
 Richards, B.L. and L.C. Cochran, 1956
Prunus persica var. *nectarina*
 Richards, B.L. and L.C. Cochran, 1956
Rosa spp.
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. PEACH RED SUTURE Bennett 1926 ((This virus is related to the longer known V. Peach yellows (q.v.)))

- Prunus persica*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. PEACH RING SPOT Cochran and Hutchins 1941

- Cucumis sativus*
 Boyle, J.S., J. Duain Moore and G.W. Keitt, 1949
 Fulton, Robert W., 1956
Gilmer, R.M., 1955
Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
Hobbs, Gordon A., 1951
Milbrath, J.A., 1953
Tomlinson, N., 1955
Willison, R.S., 1951
Cucurbita maxima
Milbrath, J.A., 1957
Cucurbita pepo
Hobbs, Gordon A., 1951
Cyamopsis tetragonoloba
Fulton, Robert W., 1956
Malus sylvestris
Cochran, L.C., 1950
Phaseolus vulgaris
Yarwood, C.E., 1957
Prunus alabamensis
Gilmer, R.M., 1955
Prunus alleghaniensis
Gilmer, R.M., 1955
Prunus americana
Gilmer, R.M., 1954, 1955
Moore, J. Duain and G.W. Keitt, 1946
Prunus amygdalus
Cochran, L.C. and Lee M. Hutchins, 1941
Prunus andersonii
Gilmer, R.M., 1955
Prunus angustifolia
Gilmer, R.M., 1955
Prunus apetala
Gilmer, R.M., 1954, 1955
Prunus armeniaca
Gilmer, R.M., 1954, 1955

VIRUS

V. PEACH RING SPOT (cont.)

- Prunus armeniaca*
Posnette, A.F., 1954
Yarwood, C.E., 1957
Prunus armeniaca var. *mandshurica*
Gilmer, R.M., 1955
Prunus avium
Cation, Donald, 1952
Cochran, L.C. and Lee M. Hutchins, 1941
Gilmer, R.M., 1954, 1955
Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
Hildebrand, E.M., 1944
Milbrath, J.A., 1950
Millikan, D.F., 1953, 1955
Posnette, A.F., 1954
Posnette, A.F. and R. Cropley, 1956
Tomlinson, N., 1955
Willison, R.S. and G.H. Berkeley, 1946
Prunus besseyi
Gilmer, R.M., 1954, 1955
Moore, J. Duain and G.W. Keitt, 1946
Prunus blirieana
Gilmer, R.M., 1954, 1955
Prunus bokhariensis
Gilmer, R.M., 1955
Prunus bucharica
Gilmer, R.M., 1955
Prunus campanulata
Gilmer, R.M., 1955
Prunus canescens
Gilmer, R.M., 1954, 1955
Prunus caroliniana
Gilmer, R.M., 1954, 1955
Prunus cerasifera
Cochran, L.C. and Lee M. Hutchins, 1941
Gilmer, R.M., 1954, 1955
Posnette, A.F., 1954
Willison, R.S. and G.H. Berkeley, 1946
Prunus cerasifera var. *pissardii*
Gilmer, R.M., 1954
Prunus cerasoides
Gilmer, R.M., 1955
Prunus cerasus
Berkeley, G.H. and R.S. Willison, 1948
Cation, Donald, 1949, 1952
Fink, Harry C., 1950, 1955
Fulton, Robert W., 1956
Gilmer, R.M., 1954, 1955
Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
Hildebrand, E.M., 1944
Milbrath, J.A., 1950, 1952, 1957
Millikan, D.F. and A.D. Hibbard, 1952
Moore, J. Duain and G.W. Keitt, 1944, 1946
Moore, J. Duain and D.A. Slack, 1952
Nyland, George, 1952
Parker, K.G. and L.C. Cochran, 1951
Posnette, A.F., 1954
Willison, R.S. and G.H. Berkeley, 1946
*Prunus cistena**
Gilmer, R.M., 1954, 1955
Young, H.C., Jr., 1951
Prunus communis
Gilmer, R.M., 1954, 1955
Prunus conradinae
Gilmer, R.M., 1955
Prunus cyclamina
Gilmer, R.M., 1955
Prunus dasycarpa
Gilmer, R.M., 1955
Prunus davidiana (*Amygdalus davidiiana*)
Gilmer, R.M., 1955
Prunus demissa
Gilmer, R.M., 1955
*Prunus dielsiana**
Gilmer, R.M., 1955
Prunus domestica
Berkeley, G.H., 1947
Berkeley, G.H. and R.S. Willison, 1948
Gilmer, R.M., 1954, 1955
Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
Moore, J. Duain, 1951
Willison, R.S. and G.H. Berkeley, 1946

VIRUS

V. PEACH RING SPOT (cont.)

- Prunus dropmoreana* *
Gilmer, R.M., 1954, 1955
- Prunus dumbarii*
Gilmer, R.M., 1954, 1955
- Prunus effusa* *
Gilmer, R.M., 1955
- Prunus emarginata*
Gilmer, R.M., 1955
- Prunus fasciculata*
Gilmer, R.M., 1955
- Prunus fenzliana*
Gilmer, R.M., 1955
- Prunus fontanesiana*
Gilmer, R.M., 1955
- Prunus fremontii*
Gilmer, R.M., 1955
- Prunus fruticosa*
Gilmer, R.M., 1954, 1955
- Prunus gigantea* *
Gilmer, R.M., 1955
- Prunus glandulifolia*
Gilmer, R.M., 1955
- Prunus glandulosa*
Gilmer, R.M., 1954, 1955
- Prunus gracilis*
Gilmer, R.M., 1955
- Prunus gravesii*
Gilmer, R.M., 1955
- Prunus grayana*
Gilmer, R.M., 1955
- Prunus hillieri* *
Gilmer, R.M., 1955
- Prunus hortulana*
Gilmer, R.M., 1955
- Prunus ilicifolia*
Gilmer, R.M., 1954, 1955
- Prunus incana*
Gilmer, R.M., 1955
- Prunus incisa*
Gilmer, R.M., 1955
- Prunus insititia*
Gilmer, R.M., 1955
- Prunus jacquemontii*
Gilmer, R.M., 1955
- Prunus japonica*
Gilmer, R.M., 1954, 1955
- Prunus judaica*
Gilmer, R.M., 1955
- Prunus kansuensis*
Gilmer, R.M., 1955
- Prunus lanata*
Gilmer, R.M., 1955
- Prunus lannesiana*
Gilmer, R.M., 1955
- Prunus laucheana*
Gilmer, R.M., 1955
- Prunus laurocerasus*
Gilmer, R.M., 1954, 1955
- Prunus lobulata*
Gilmer, R.M., 1955
- Prunus lusitanica*
Gilmer, R.M., 1955
- Prunus lycioides*
Gilmer, R.M., 1955
- Prunus lyoni*
Gilmer, R.M., 1954, 1955
- Prunus maackii*
Gilmer, R.M., 1954, 1955
- Prunus mahaleb*
Berkeley, G.H. and R.S. Willison, 1948
Cation, Donald, 1949, 1952
Cochran, L.C. and Lee M. Hutchins, 1941
Fink, Harry C., 1950, 1955
Gilmer, R.M., 1954, 1955
Milbrath, J.A., 1957
Posnette, A.F., 1954
Willison, R.S. and G.H. Berkeley, 1946
- Prunus maritima*
Gilmer, R.M., 1954, 1955
- Prunus maximowiczii*
Gilmer, R.M., 1955

VIRUS

V. PEACH RING SPOT (cont.)

- Prunus mexicana*
Gilmer, R.M., 1955
- Prunus meyeri*
Gilmer, R.M., 1955
- Prunus mira*
Gilmer, R.M., 1955
- Prunus monticola*
Gilmer, R.M., 1955
- Prunus mugus*
Gilmer, R.M., 1955
- Prunus mucronata*
Gilmer, R.M., 1955
- Prunus munsoniana*
Gilmer, R.M., 1955
- Prunus nana*
Gilmer, R.M., 1954, 1955
- Prunus newportii*
Gilmer, R.M., 1954, 1955
- Prunus nigra*
Gilmer, R.M., 1955
- Prunus nipponica*
Gilmer, R.M., 1955
- Prunus nipponica* var. *kurilensis*
Gilmer, R.M., 1955
- Prunus padus*
Gilmer, R.M., 1954, 1955
- Prunus padus* var. *cornuta*
Gilmer, R.M., 1955
- Prunus pensylvanica*
Gilmer, R.M., 1954, 1955
- Prunus persica*
Berkeley, G.H., 1947
Berkeley, G.H. and R.S. Willison, 1948
- Cation, Donald*, 1949
- Cochran, L.C.*, 1950, 1952
- Cochran, L.C.* and Lee M. Hutchins, 1941
- Cochran, L.C.* and R.L. McClain, 1951
- Fink, Harry C.*, 1950, 1955
- Gilmer, R.M.*, 1954, 1955, 1956
- Gilmer, R.M.*, K.D. Brase and K.G. Parker, 1957
- Hildebrand, E.M.*, 1944
- Moore, J. Duain* and G.W. Keitt, 1944
- Posnette, A.F.*, 1954
- Willison, R.S.* and G.H. Berkeley, 1946
- Yarwood, C.E.*, 1957
- Young, H.C., Jr.*, 1951
- Prunus petunikowi*
Gilmer, R.M., 1955
- Prunus pilosiuscula*
Gilmer, R.M., 1955
- Prunus pleiocerasus*
Gilmer, R.M., 1955
- Prunus potanini* *
Gilmer, R.M., 1955
- Prunus pumila*
Gilmer, R.M., 1955
- Prunus reverchonii*
Gilmer, R.M., 1955
- Prunus rufa*
Gilmer, R.M., 1955
- Prunus salicina*
Gilmer, R.M., 1953, 1954, 1955
Willison, R.S. and G.H. Berkeley, 1946
- Prunus sargentii*
Gilmer, R.M., 1955
- Prunus scopulorum*
Gilmer, R.M., 1955
- Prunus serotina*
Fink, Harry C., 1950, 1955
Gilmer, R.M., 1954, 1955
- Prunus serrula*
Gilmer, R.M., 1955
- Prunus serrulata*
Gilmer, R.M., 1954, 1955
Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
- Milbrath, J.A.*, 1952
- Tomlinson, N.*, 1955
- Prunus setulosa*
Gilmer, R.M., 1955
- Prunus sibirica*
Gilmer, R.M., 1955

VIRUS

V. PEACH RING SPOT (cont.)

- Prunus sieboldi*
Gilmer, R.M., 1954, 1955
- Prunus simonii*
Gilmer, R.M., 1955
- Prunus skinneri*
Gilmer, R.M., 1955
- Prunus slavini*
Gilmer, R.M., 1955
- Prunus spinosa*
Gilmer, R.M., 1955
- Prunus ssiori*
Gilmer, R.M., 1955
- Prunus subcordata*
Gilmer, R.M., 1955
- Prunus subhirtella*
Gilmer, R.M., 1955
- Prunus sultana*
Gilmer, R.M., 1955
- Prunus tenella* (*Amygdalus nana*)
Gilmer, R.M., 1954, 1955
- Prunus tomentosa*
 - Fink, Harry C., 1950, 1955
 - Gilmer, R.M., 1954, 1955, 1956
 - Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 - Young, H.C., Jr., 1951
- Prunus triloba*
Gilmer, R.M., 1954, 1955
- Prunus umbellata*
Gilmer, R.M., 1955
- Prunus ursina*
Gilmer, R.M., 1955
- Prunus ussuriensis*
Gilmer, R.M., 1955
- Prunus venulosa*
Gilmer, R.M., 1955
- Prunus virginiana*
Gilmer, R.M., 1955
Moore, J. Duain and G.W. Keitt, 1946
- Prunus virginiana* var. *demissa*
Gilmer, R.M., 1954
- Prunus yedoensis*
Gilmer, R.M., 1955
- Rosa multiflora*
Gilmer, R.M., 1956
- Rosa spp.*
Cochran, L.C., 1950
- Vigna sinensis*
Milbrath, J.A., 1953
Thornberry, H.H., 1957

V. PEACH ROSETTE ((E.F. Smith 1891)) McClintock

- Prunus amygdalus* 1923
McClintock, J.A., 1923
- Prunus angustifolia*
McClintock, J.A., 1923
- Prunus armeniaca*
McClintock, J.A., 1923
- Prunus avium*
McClintock, J.A., 1923
- Prunus domestica*
McClintock, J.A., 1923, 1931
- Prunus persica*
 - KenKnight, Glenn, 1957
 - Kunkel, L.O., 1936, 1938
 - McClintock, J.A., 1923, 1931
- Prunus pumila*
McClintock, J.A., 1931

V. PEACH ROSETTE MOSAIC Cation 1933

- Prunus cerasus*
Fink, Harry C., 1955
- Prunus domestica*
Cation, Donald, 1942
- Prunus insititia*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Prunus persica*
Cation, Donald, 1942
Hildebrand, E.M., 1941
- Prunus salicina*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Prunus tomentosa*
Fink, Harry C., 1955

VIRUS

V. PEACH STUNT *

- Cucurbita maxima*
Milbrath, J.A., 1956
- Prunus cerasus*
Milbrath, J.A., 1957

V. PEACH WART Blodgett 1943

- Prunus avium*
Zeller, S.M. and J.A. Milbrath, 1945
- Prunus persica*
Blodgett, Earle C., 1941, 1943, 1946
Zeller, S.M. and J.A. Milbrath, 1945

V. PEACH WESTERN X DISEASE Reeves and Hutchins

- Apium graveolens* var. *dulce* 1941
Jensen, D.D., 1955, 1957
- Daucus carota* var. *sativa*
Weathers, Lewis G. and George W. Cochran, 1950
- Petroselinum crispum*
Weathers, Lewis G. and George W. Cochran, 1950
- Prunus americana* var. *mollis*
Schneider, Henry, 1945
- Prunus armeniaca*
Rawlins, T.E. and H. Earl Thomas, 1941
- Prunus avium*
Jensen, D.D. and H. Earl Thomas, 1954, 1955
Kaloostian, George H., 1951
Kaloostian, George H., Mervin W. Nielson and L.S. Jones, 1951
Lott, T.B., 1950
Rawlins, T.E., 1939
Rawlins, T.E. and W.T. Horne, 1931
Rawlins, T.E. and K.G. Parker, 1934
Rawlins, T.E. and H. Earl Thomas, 1941
Richards, B.L., L.M. Hutchins and E.L. Reeves, 1949
Richards, B.L., E.L. Reeves and Lee M. Hutchins, 1946
Schneider, Henry, 1945
Thomas, H. Earl, 1940
Thomas, H. Earl and T.E. Rawlins, 1941
Wadley, Bryce N., 1952
Wilks, Jack M. and J.A. Milbrath, 1956
Zeller, S.M. and J.A. Milbrath, 1948, 1950
- Prunus avium* on *Prunus avium*
Richards, B.L. and L.C. Cochran, 1956
- Prunus avium* on *Prunus mahaleb*
Richards, B.L. and L.C. Cochran, 1956
- Prunus besseyi*
Richards, B.L. and L.C. Cochran, 1956
- Prunus cerasus*
Kaloostian, George H., 1951
Nielson, Mervin W. and Laurence S. Jones, 1954
Rawlins, T.E. and K.G. Parker, 1934
Rawlins, T.E. and H. Earl Thomas, 1941
Richards, B.L., L.M. Hutchins and E.L. Reeves, 1949
Richards, B.L., E.L. Reeves and Lee M. Hutchins, 1946
Schneider, Henry, 1945
Wilks, Jack M. and J.A. Milbrath, 1956
Zeller, S.M. and J.A. Milbrath, 1948, 1950
- Prunus cerasus* on *Prunus avium*
Richards, B.L. and L.C. Cochran, 1956
- Prunus cerasus* on *Prunus mahaleb*
Richards, B.L. and L.C. Cochran, 1956
- Prunus communis*
Rawlins, T.E. and H. Earl Thomas, 1941
- Prunus communis* x *Prunus fenzliana*
Rawlins, T.E. and H. Earl Thomas, 1941
- Prunus davidiana* (*Amygdalus davidiana*)
Rawlins, T.E. and H. Earl Thomas, 1941
- Prunus davidiana* x *Prunus communis*
Rawlins, T.E. and H. Earl Thomas, 1941
- Prunus demissa*
Richards, B.L. and Lee M. Hutchins, 1941
Richards, B.L., L.M. Hutchins and E.L. Reeves, 1949
Wilks, Jack M. and J.A. Milbrath, 1956
Zeller, S.M. and J.A. Milbrath, 1950
- Prunus fenzliana*
Rawlins, T.E. and H. Earl Thomas, 1941

VIRUS

V. PEACH WESTERN X DISEASE (cont.)

- Prunus mahaleb*
 Rawlins, T. E. and H. Earl Thomas, 1941
 Schneider, Henry, 1945
- Prunus mira*
 Rawlins, T. E. and H. Earl Thomas, 1941
- Prunus mira x Prunus persica*
 Rawlins, T. E. and H. Earl Thomas, 1941
- Prunus persica*
 Jensen, D.D., 1953, 1955, 1957
 Jensen, D.D. and H. Earl Thomas, 1954, 1955
 Kaloostian, George H., 1951
 Keener, Paul D., 1953
 Nielson, Mervin W. and Laurence S. Jones, 1954
 Nyland, George, 1955
 Nyland, George and Archie Schlocker, 1951
 Rawlins, T. E. and H. Earl Thomas, 1941
 Richards, B.L. and L.C. Cochran, 1956
 Richards, B.L. and Lee M. Hutchins, 1941
 Richards, B.L., L.M. Hutchins and E.L. Reeves, 1949
 Schneider, Henry, 1945
 Thomas, H. Earl, 1940
 Thomas, H. Earl and T.E. Rawlins, 1941
 Thomas, H. Earl, T.E. Rawlins and K.G. Parker, 1940
 Wedley, Bryce N., 1952
 Weathers, Lewis G. and George W. Cochran, 1950
 Wilks, Jack M. and J.A. Milbrath, 1956
 Wolfe, H.R., 1955
 Wolfe, H.R., E.W. Anthon and L.S. Jones, 1950
 Zeller, S.M. and J.A. Milbrath, 1948, 1950
- Prunus persica var. nectarina*
 Richards, B.L. and L.C. Cochran, 1956
- Prunus tomentosa*
 Richards, B.L. and L.C. Cochran, 1956
- Prunus virginiana*
 Rawlins, T.E. and H. Earl Thomas, 1941
 Richards, B.L. and L.C. Cochran, 1956
 Richards, B.L., L.M. Hutchins and E.L. Reeves, 1949
 Richards, B.L., E.L. Reeves and Lee M. Hutchins, 1946
 Zeller, S.M. and J.A. Milbrath, 1948
- Prunus virginiana var. demissa*
 Kaloostian, George H., 1951
 Richards, B.L. and L.C. Cochran, 1956
- Vinca minor*
 Weathers, Lewis G. and George W. Cochran, 1950
- V. PEACH X DISEASE Stoddard 1938
- Datura stramonium*
 Slack, Derald A., 1952
- Daucus carota var. sativa*
 Kunkel, L.O., 1944
 Slack, Derald A., 1952
- Fragaria vesca*
 Slack, Derald A., 1952
- Lycopersicon esculentum*
 Hildebrand, E.M., 1953
 Kunkel, L.O., 1944
- Petroselinum crispum*
 Kunkel, L.O., 1944
 Slack, Derald A., 1952
- Prunus americana*
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
 Hildebrand, E.M., 1953
- Prunus amygdalus*
 Palmiter, D.H. and E.M. Hildebrand, 1943
- Prunus armeniaca*
 Palmiter, D.H. and E.M. Hildebrand, 1943
- Prunus armeniaca var. mandshurica*
 Hildebrand, E.M., 1953
- Prunus avium*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
- Prunus besseyi*
 Fridlund, Paul R., 1954
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
- Hildebrand, E.M., 1943, 1953

VIRUS

V. PEACH X DISEASE (cont.)

- Prunus cerasus*
 Fridlund, Paul R., 1954
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
- Hildebrand, E.M., 1953
 Palmiter, D.H. and K.G. Parker, 1948
 Parker, K.G. and D.H. Palmiter, 1948
- Prunus communis*
 Hildebrand, E.M., 1953
- Prunus domestica*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Gilmer, R.M., 1951
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
- Prunus dunbarii*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Gilmer, R.M., 1951
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
- Prunus glandulosa*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Gilmer, R.M., 1951
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
- Prunus hortulana*
 Hildebrand, E.M., 1953
- Prunus japonica*
 Fridlund, Paul R., 1954
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
 Hildebrand, E.M., 1953
- Prunus lannesiana*
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
- Prunus maackii*
 Gilmer, R.M., 1951
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
- Prunus mahaleb*
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
- Prunus makai **
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Prunus maritima*
 Gilmer, R.M., 1951
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
- Prunus munsoniana*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Prunus newporti*
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
- Prunus padus*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Gilmer, R.M., 1951
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
- Prunus pensylvanica*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Gilmer, R.M., 1951
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
- Prunus persica*
 Fridlund, Paul R., 1954
 Gilmer, R.M., J. Duain Moore and G.W. Keitt, 1954
- Hildebrand, E.M., 1943, 1953
- Hildebrand, E.M. and D.H. Palmiter, 1940
- Kunkel, L.O., 1944
- Palmiter, D.H. and E.M. Hildebrand, 1943
- Palmiter, D.H. and K.G. Parker, 1948
- Parker, K.G. and D.H. Palmiter, 1948
- Slack, Derald A., 1952
- Stoddard, E.M., 1938, 1947
- Thornberry, H.H., 1954
- Prunus persica var. nectarina*
 Palmiter, D.H. and E.M. Hildebrand, 1943
- Prunus persica var. nucipersica*
 Hildebrand, E.M., 1953

VIRUS

V. PEACH X DISEASE (cont.)

- Prunus pumila*
 - Gilmer, R. M., 1951
 - Gilmer, R. M., J. Duain Moore and G. W. Keitt, 1954
 - Slack, Derald A., 1952
- Prunus salicina*
 - Gilmer, R. M., J. Duain Moore and G. W. Keitt, 1954
- Prunus serotina*
 - Hildebrand, E. M., 1953
- Prunus serrulata*
 - Gilmer, R. M., J. Duain Moore and G. W. Keitt, 1954
- Prunus sieboldii*
 - Gilmer, R. M., J. Duain Moore and G. W. Keitt, 1954
- Prunus spinosa*
 - Gilmer, R. M., J. Duain Moore and G. W. Keitt, 1954
- Prunus tomentosa*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Gilmer, R. M., 1951
 - Gilmer, R. M., J. Duain Moore and G. W. Keitt, 1954
- Prunus virginiana*
 - Fridlund, Paul R., 1954
 - Gilmer, R. M., 1951, 1954
 - Gilmer, R. M., J. Duain Moore and G. W. Keitt, 1954
 - Hildebrand, E. M., 1953
 - Hildebrand, E. M. and D. H. Palmiter, 1940
 - Palmiter, D. H. and E. M. Hildebrand, 1943
 - Palmiter, D. H. and K. G. Parker, 1948
 - Parker, K. G. and D. H. Palmiter, 1948
 - Stoddard, E. M., 1947
 - Thornberry, H. H., 1946, 1954
- Vinca minor*
 - Kunkel, L. O., 1944
 - Slack, Derald A., 1952
- Vinca rosea*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958

V. PEACH YELLOW BUD MOSAIC Thomas et al. 1944

- Cucumis sativus*
 - Yarwood, C. E., 1956
- Cyamopsis tetragonoloba*
 - Yarwood, C. E., 1956
- Erodium cicutarium*
 - Karle, Harry P., 1957
- Kerria japonica*
 - Thomas, H. Earl and T. E. Rawlins, 1939
- Lactuca virosa*
 - Karle, Harry P., 1957
- Nicotiana tabacum*
 - Karle, Harry P., 1957
 - Yarwood, C. E., 1956
- Phaseolus vulgaris*
 - Karle, Harry P., 1957
 - Yarwood, C. E., 1956
 - Yarwood, C. E. and H. E. Thomas, 1954
- Prunus amygdalus*
 - Thomas, H. Earl, 1940
 - Thomas, H. Earl, C. Emlen Scott, E. E. Wilson and J. H. Freitag, 1944
- Prunus andersonii*
 - Thomas, H. Earl, 1940
 - Thomas, H. Earl and T. E. Rawlins, 1939
- Prunus armeniaca*
 - Schlocker, Archie, H. Keith Wagnon and James R. Breece, 1957
 - Thomas, H. Earl and T. E. Rawlins, 1939
 - Thomas, H. Earl, C. Emlen Scott, E. E. Wilson and J. H. Freitag, 1944
- Prunus avium*
 - Thomas, H. Earl, 1940
 - Thomas, H. Earl and T. E. Rawlins, 1939
- Prunus communis*
 - Thomas, H. Earl and T. E. Rawlins, 1939
- Prunus lusitanica*
 - Thomas, H. Earl, 1940
- Prunus mume*
 - Thomas, H. Earl and T. E. Rawlins, 1939

VIRUS

V. PEACH YELLOW BUD MOSAIC (cont.)

- Prunus persica*
 - Alcorn, Stanley M., Stephen Wilhelm and H. Earl Thomas, 1955
 - Schlocker, Archie, H. Keith Wagnon and James R. Breece, 1957
 - Thomas, H. Earl, 1940
 - Thomas, H. Earl and T. E. Rawlins, 1939
 - Thomas, H. Earl, C. Emlen Scott, E. E. Wilson and J. H. Freitag, 1944
 - Wagnon, H. Keith and James R. Breece, 1955
 - Yarwood, C. E., 1956, 1957
 - Yarwood, C. E. and H. E. Thomas, 1954
- Prunus salicina x Prunus simonii*
 - Schlocker, Archie, H. Keith Wagnon and James R. Breece, 1957
- Prunus tomentosa*
 - Schlocker, Archie, H. Keith Wagnon and James R. Breece, 1957
- Rosa odorata*
 - Thomas, H. Earl and L. M. Massey, 1939
- Rosa spp.*
 - Thomas, H. Earl and L. M. Massey, 1939
 - Thomas, H. Earl and T. E. Rawlins, 1939
- Rubus idaeus*
 - Alcorn, Stanley M., Stephen Wilhelm and H. Earl Thomas, 1955
- Rubus procerus*
 - Alcorn, Stanley M., Stephen Wilhelm and H. Earl Thomas, 1955
- Rubus spp.*
 - Alcorn, Stanley M., Stephen Wilhelm and H. Earl Thomas, 1955
- Rubus ursinus*
 - Alcorn, Stanley M., Stephen Wilhelm and H. Earl Thomas, 1955
- Stellaria media*
 - Karle, Harry P., 1957
- Vigna sinensis*
 - Karle, Harry P., 1957
 - Yarwood, C. E., 1956, 1957
 - Yarwood, C. E. and H. E. Thomas, 1954

V. PEACH YELLOWS ((E. F. Smith 1888)) Kunkel 1933

- Prunus armeniaca*
 - Manns, T. F., 1942
- Prunus cerasifera*
 - Manns, T. F., 1942
- Prunus cerasifera var. pissardii*
 - Manns, T. F., 1942
- Prunus communis*
 - Manns, T. F., 1942
- Prunus domestica*
 - Manns, T. F., 1942
- Prunus insititia*
 - Manns, T. F., 1942
- Prunus munsoniana*
 - Manns, T. F., 1942
- Prunus munsoniana x Prunus salicina*
 - Manns, T. F., 1942
- Prunus persica*
 - Blake, M. A., Mel. T. Cook and C. H. Connors, 1921
 - Cook, M. T., 1922
 - Kunkel, L. O., 1936, 1938
 - Manns, T. F., 1936, 1942
- Prunus persica var. nectarina*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- Prunus salicina*
 - Manns, T. F., 1936, 1942
- Prunus simonii*
 - Manns, T. F., 1942

V. PEAR MOSAIC Khristov 1935

- Cydonia oblonga*
 - Posnette, A. F., 1957
- Pyrus communis*
 - Posnette, A. F., 1957

V. PEAR RED MOTTLE *

- Cydonia oblonga*
 - Posnette, A. F., 1957
- Pyrus communis*
 - Posnette, A. F., 1957

- VIRUS**
- V. PEAR STONY PIT Kienholz 1939
Pyrus communis
 Kienholz, J.R., 1939
- V. PEAR VEIN YELLOWS *
Pyrus communis
 Posnette, A.F., 1957
- V. (PECAN) BUNCH *
Carya illinoensis
 Cole, J.R., 1937
(Hicoria) aquatica
 Cole, J.R., 1937
- V. PELARGONIUM LEAF CURL Pape 1927
Antirrhinum majus
 McWhorter, Frank P., 1957
Chenopodium amaranthoides
 Hollings, M., 1956
Pelargonium hederaceum *
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Pelargonium hortorum
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Jones, L.K., 1938, 1940
Pelargonium spp.
 McWhorter, Frank P., 1957
- V. PELARGONIUM MOSAIC Jones 1940
Pelargonium hortorum
 Jones, L.K., 1938, 1940
- V. PELARGONIUM RING SPOT *
Pelargonium hortorum
 Hollings, M., 1957
Pelargonium peltatum
 Hollings, M., 1957
- V. PEONY LEAF CURL *
Paeonia officinalis
 Brierley, Philip and Paul Lorentz, 1957
- V. PEONY RING SPOT Dufrenoy 1934; Green 1935
Paeonia spp.
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. PETUNIA MOSAIC Johnson 1926
Lycopersicon esculentum
 Johnson, J., 1926, 1927
Nicotiana glauca
 Johnson, J., 1926, 1927
Nicotiana glutinosa
 Johnson, J., 1926, 1927
Nicotiana rustica
 Johnson, J., 1926, 1927
Nicotiana tabacum
 Johnson, J., 1926, 1927
Petunia violacea
 Johnson, J., 1926, 1927
Physalis pubescens
 Johnson, J., 1926, 1927
Phytolacca decandra
 Johnson, J., 1926, 1927
Solanum nigrum
 Johnson, J., 1926
- V. PHORMIUM YELLOW LEAF Boyce et al. 1951
Phormium tenax
 Boyce, W.R., 1958
- V. PHYSALIS FLORIDANA YELLOW NET Webb 1955
Datura stramonium
 Webb, R.E., 1955
Physalis angulata
 Webb, R.E., 1955
Physalis floridana
 Webb, R.E., 1955
- V. PHYSALIS HETEROPHYLLA MOSAIC *
Physalis heterophylla
 Walker, M.N., 1925
Physalis pubescens
 Walker, M.N., 1925
- VIRUS**
- V. (PHYSALIS LONGIFOLIA) MOSAIC *
Physalis longifolia
 Melhus, I.E., 1922
- V. (PHYSALIS) MOSAIC *
Capsicum frutescens (*Capsicum annuum*)
 Melhus, I.E., 1922
Cucumis sativus
 Walker, M.N., 1925, 1926
Lycopersicon esculentum
 Melhus, I.E., 1922
 Walker, M.N., 1926
Nicandra physalodes
 Fernald, K.H., 1923
Petunia hybrida
 Melhus, I.E., 1922
Physalis pubescens
 Walker, M.N., 1926
Solanum melongena
 Melhus, I.E., 1922
Solanum tuberosum
 Melhus, I.E., 1922
- V. PHYSALIS PUBESCENS MOSAIC *
Nicotiana glutinosa
 Walker, M.N., 1925
- V. PHYSALIS SUBGLABRATA MOSAIC *
Cucumis sativus
 Walker, M.N., 1925
Physalis pubescens
 Walker, M.N., 1925
Physalis subglabrata
 Walker, M.N., 1925
- V. PIGEON PEA STERILITY MOSAIC Capoor 1952
Cajanus cajan
 Capoor, S.P., 1952
- V. PLANTAGO MOSAIC Gol'din 1953 ((Distinct from V. Tobacco mosaic.))
Nicotiana tabacum
 McKinney, H.H., 1943
- V. PLUM BARK SPLIT Posnette 1953
Prunus cerasifera
 Posnette, A.F. and Christina E. Ellenberger, 1957
Prunus domestica
 Posnette, A.F. and Christina E. Ellenberger, 1957
- V. PLUM FRUIT CRINKLE *
Prunus spp.
 Chamberlain, E.E., J.D. Atkinson and J.A. Hunter, 1959
- V. PLUM LINE PATTERN Cation 1941 ((May be identical with V. Apple mosaic Gilmer 1956.))
Prunus armeniaca
 Bodine, E.W. and L.W. Durrell, 1941
 Willison, R.S., 1945
Prunus avium
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 Richards, B.L. and L.C. Cochran, 1956
 Willison, R.S., 1945
 Zeller, S.M. and J.A. Milbrath, 1942
Prunus cerasifera
 Cochran, L.C. and L.M. Hutchins, 1937
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 Richards, B.L. and L.C. Cochran, 1956
 Thomas, H. Earl and T.E. Rawlins, 1939
 Willison, R.S., 1945
Prunus cerasus
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 Richards, B.L. and L.C. Cochran, 1956
 Willison, R.S., 1945
Prunus domestica
 Bodine, E.W. and L.W. Durrell, 1941
 Cochran, L.C. and L.M. Hutchins, 1937, 1938
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 Moore, J. Duain and H.R. Cameron, 1956
 Willison, R.S., 1945
Prunus hybrid
 Richards, B.L. and L.C. Cochran, 1956

VIRUS

V. PLUM LINE PATTERN (cont.)

- Prunus mahaleb*
Cation, Donald, 1941
Willison, R.S., 1945
- Prunus persica* (*Amygdalus persica*)
Cation, Donald, 1941
Cochran, L.C. and L.M. Hutchins, 1937, 1938
Richards, B.L. and L.C. Cochran, 1956
Willison, R.S., 1945
- Prunus salicina*
Bodine, E.W. and L.W. Durrell, 1941
Cation, Donald, 1941
Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
Willison, R.S., 1945
- Prunus serrulata*
Richards, B.L. and L.C. Cochran, 1956
Zeller, S.M. and J.A. Milbrath, 1942
- V. PLUM WHITE SPOT Thomas and Rawlins 1951
Prunus americana x *Prunus salicina*
Valleau, W.D., 1932
- Prunus domestica*
Valleau, W.D., 1932
- Prunus persica*
Thomas, H. Earl and T.E. Rawlins, 1939
Valleau, W.D., 1932
- Prunus salicina*
Thomas, H. Earl and T.E. Rawlins, 1939
Valleau, W.D., 1932
- V. POISON HEMLOCK RING SPOT Freitag and Severin
Anethum graveolens 1945
Freitag, Julius H. and Henry H.P. Severin, 1945
- Anthriscus cerefolium*
Freitag, Julius H. and Henry H.P. Severin, 1945
- Apium graveolens* var. *dulce*
Freitag, Julius H. and Henry H.P. Severin, 1939, 1945
- Apium graveolens* var. *rapaceum*
Freitag, Julius H. and Henry H.P. Severin, 1945
- Conium maculatum*
Freitag, Julius H. and Henry H.P. Severin, 1945
- Coriandrum sativum*
Freitag, Julius H. and Henry H.P. Severin, 1945
- Daucus carota* var. *sativa*
Freitag, Julius H. and Henry H.P. Severin, 1945
- Pastinaca sativa*
Freitag, Julius H. and Henry H.P. Severin, 1945
- Petroselinum crispum*
Freitag, Julius H. and Henry H.P. Severin, 1939, 1945
- Petroselinum crispum* var. *latifolium**
Freitag, Julius H. and Henry H.P. Severin, 1945
- Petroselinum hortense* var. *radicosum**
Freitag, Julius H. and Henry H.P. Severin, 1945
- V. POKEWEED MOSAIC *
Physalis pubescens
Walker, M.N., 1924, 1925
- Phytolacca decandra*
Allard, H.A., 1918
Fernow, Karl Hermann, 1925
- V. PHONY PEACH ((Neal 1921)) Hutchins 1930
Prunus amygdalus
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Prunus angustifolia*
Bruer, H.L. and C.E. Shepard, 1952
Bruer, H.L., C.E. Shepard and T.D. Persons, 1951
- Cochran, L.C., J.H. Weinberger and W.F. Turner, 1951
- Hutchins, Lee M., L.C. Cochran, W.F. Turner and J.H. Weinberger, 1953
- Hutchins, Lee M. and John L. Rue, 1949
KenKnight, Glenn, H.L. Bruer and C.E. Shepard, 1951
- Prunus armeniaca*
Hutchins, Lee M. and John L. Rue, 1949
- Prunus davidiana* (*Amygdalus davidiana*)
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Prunus hortulana*
Hutchins, Lee M., L.C. Cochran, W.F. Turner and J.H. Weinberger, 1953

VIRUS

V. PHONY PEACH (cont.)

- Prunus hortulana*
Hutchins, Lee M. and John L. Rue, 1949
- Prunus mexicana*
Hutchins, Lee M., L.C. Cochran, W.F. Turner and J.H. Weinberger, 1953
Hutchins, Lee M. and John L. Rue, 1949
- Prunus mume*
Hutchins, Lee M. and John L. Rue, 1949
- Prunus munsoniana*
Bruer, H.L. and C.E. Shepard, 1952
- Prunus persica*
Hutchins, L.M., 1929, 1939
Hutchins, Lee M., L.C. Cochran, W.F. Turner and J.H. Weinberger, 1953
Hutchins, Lee M. and John L. Rue, 1949
KenKnight, Glenn, 1957
- Prunus persica* var. *nectarina*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Prunus umbellata*
Bruer, H.L. and C.E. Shepard, 1952
Bruer, H.L., C.E. Shepard and T.D. Persons, 1951
- Prunus umbellata* var. *injucunda*
Bruer, H.L. and C.E. Shepard, 1952
Bruer, H.L., C.E. Shepard and T.D. Persons, 1951
- V. POTATO A Murphy and McKay 1932
Lycium barbarum
MacLachlan, D.S. and R.H. Larson, 1953
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- Lycium halimifolium*
MacLachlan, D.S. and R.H. Larson, 1953
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- Lycium rhombifolium*
MacLachlan, D.S. and R.H. Larson, 1953
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- Lycopersicon esculentum*
Doolittle, S.P., 1928
Jarrett, Phyllis H., 1930
Krantz, F.A. and G.R. Bisby, 1921
Quanjer, H.M., 1920
Schultz, E.S. and Donald Folsom, 1923
Smith, J. Henderson, 1928
Stover, W.G., 1928
- Lycopersicon pimpinellifolium*
MacLachlan, D.S. and R.H. Larson, 1953
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- Nicandra physalodes*
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
MacLachlan, D.S. and R.H. Larson, 1953
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- Nicotiana glutinosa*
Vasudeva, R. Sahai and C.S. Ramamoorthy, 1946
- Nicotiana sylvestris*
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Dykstra, T.P., 1939
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- Nicotiana tabacum*
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Bawden, F.C., 1936
Bawden, F.C. and F.M.L. Sheffield, 1944
Dykstra, T.P., 1936, 1939
Dykstra, T.P. and W.C. Whitaker, 1938
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
Valleau, W.D. and E.M. Johnson, 1930
Vasudeva, R. Sahai and C.S. Ramamoorthy, 1946
- Petunia hybrida*
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- Solanum demissum*
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953

- VIRUS**
- V. POTATO A (cont.)**
- Solanum demissum x Solanum tuberosum var. aquila *
 - Raymer, W.B. and J.A. Milbrath, 1957
 - Solanum nigrum
 - Schultz, E.S. and Donald Folsom, 1923
 - Solanum tuberosum
 - Abbott, E.V., 1929
 - Bawden, F.C., 1936
 - Cockerham, George, 1943
 - Dykstra, T.P., 1935, 1936, 1939
 - Dykstra, T.P. and W.C. Whitaker, 1938
 - Goss, R.W., 1929
 - Hoggan, Isme A., 1927
 - Johnson, James, 1929
 - Koch, Karl and James Johnson, 1935
 - MacLachlan, D.S. and R.H. Larson, 1953
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - McKay, M.B. and T.P. Dykstra, 1932
 - Peterson, Paul D. and H.H. McKinney, 1938
 - Porter, D.R., 1935
 - Schultz, E.S., C.F. Clark, R. Bonde, W.P.
 - Raleigh and F.J. Stevenson, 1934
 - Schultz, E.S., C.F. Clark, W.P. Raleigh, F.J.
 - Stevenson, R. Bonde and J.H. Beaumont, 1937
 - Schultz, E.S., C.F. Clark and F.J. Stevenson, 1940
 - Schultz, E.S. and Donald Folsom, 1923, 1925
 - Schultz, E.S. and W.P. Raleigh, 1936
 - Valleau, W.D. and E.M. Johnson, 1930
 - Vasudeva, R. Sahai and C.S. Ramamoorthy, 1946
 - Young, P.A., 1930
 - Young, P.A. and H.E. Morris, 1930
- V. POTATO ANECROTIC MOSAIC ***
- Solanum tuberosum
 - Quanjer, H.M., 1931
- V. POTATO AUCUBA MOSAIC Quanjer 1931**
- Capsicum frutescens (*Capsicum annuum*)
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - Dennis, R.W.G., 1939
 - Chenopodium amaranticolor
 - Hollings, M., 1957
 - Datura stramonium
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - Dennis, R.W.G., 1939
 - Datura stramonium var. tatula
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - Lycopersicon esculentum
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Nicotiana glutinosa
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - Black, L.M. and W.C. Price, 1940
 - Dykstra, T.P., 1939
 - Nicotiana sylvestris
 - Dykstra, T.P., 1939
 - Nicotiana tabacum
 - Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 - Black, L.M. and W.C. Price, 1940
 - Dennis, R.W.G., 1939
 - Dykstra, T.P., 1939
 - Petunia spp.
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Physalis peruviana
 - Holmes, Francis O., 1942
 - Solanum nodiflorum
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Solanum tuberosum
 - Atanasoff, D., 1926
 - Dennis, R.W.G., 1939
 - Dykstra, T.P., 1939
 - Quanjer, H.M., 1931
- V. POTATO BUNCH TOP DISEASE ***
- Lycopersicon esculentum
 - Menzies, J.D., 1950
- VIRUS**
- V. (POTATO) GIANT HILL ***
- Solanum tuberosum
 - Porter, D.R., 1935
- V. POTATO LEAF ROLL Appell 1907**
- Amaranthus graecizans
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Amaranthus retroflexus
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Capsicum frutescens (*Capsicum annuum*)
 - Dykstra, T.P., 1930
 - Celosia argentea var. cristata
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Datura aegyptiaca
 - Webb, R.E., R.H. Larson and J.C. Walker, 1952
 - Datura chlorantha
 - Webb, R.E., R.H. Larson and J.C. Walker, 1952
 - Datura fastuosa
 - Webb, R.E., R.H. Larson and J.C. Walker, 1952
 - Datura metel
 - Webb, R.E., R.H. Larson and J.C. Walker, 1952
 - Datura stramonium
 - Dykstra, T.P., 1930, 1933
 - Kassanis, B., 1952
 - Kirkpatrick, Hugh C. and A. Frank Ross, 1952
 - Webb, R.E., 1956
 - Williams, W. Llewelyn and A. Frank Ross, 1957
 - Datura stramonium var. tatula
 - Dykstra, T.P., 1930, 1933
 - Kassanis, B., 1952
 - Webb, R.E., R.H. Larson and J.C. Walker, 1952
 - Gomphrena globosa
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Lycopersicon esculentum
 - Burnett, Grover and Leon K. Jones, 1931
 - Dykstra, T.P., 1930, 1933
 - MacCarthy, H.R., 1954
 - Natti, John J., 1953
 - Stover, W.G., 1928
 - MacCarthy, H.R., 1954
 - Nicandra physalodes
 - Webb, R.E., R.H. Larson and J.C. Walker, 1952
 - Nicotiana glutinosa
 - Webb, R.E., R.H. Larson and J.C. Walker, 1952
 - Nicotiana rustica
 - Webb, R.E., R.H. Larson and J.C. Walker, 1952
 - Nicotiana tabacum
 - Webb, R.E., R.H. Larson and J.C. Walker, 1952
 - Nolana lanceolata
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Petunia hybrida
 - Webb, R.E., R.H. Larson and J.C. Walker, 1952
 - Physalis angulata
 - Hovey, Charles and Reiner Bonde, 1948
 - Kirkpatrick, Hugh C. and A. Frank Ross, 1952
 - Klostermeyer, E.C., 1953
 - MacCarthy, H.R., 1954
 - Webb, R.E. and R.H. Larson, 1952
 - Webb, R.E., R.H. Larson and J.C. Walker, 1952
 - Williams, W. Llewelyn and A. Frank Ross, 1957
 - Physalis floridana
 - Kirkpatrick, Hugh C. and A. Frank Ross, 1952
 - Klostermeyer, E.C., 1953
 - MacCarthy, H.R., 1954
 - Webb, R.E. and R.H. Larson, 1952
 - Webb, R.E., R.H. Larson and J.C. Walker, 1952
 - Webb, R.E. and E.S. Schultz, 1954
 - Williams, W. Llewelyn and A. Frank Ross, 1957
 - Physalis philadelphica
 - MacCarthy, H.R., 1954
 - Solanum dulcamara
 - Dykstra, T.P., 1930, 1933
 - Solanum nigrum
 - Dykstra, T.P., 1930
 - Webb, R.E., R.H. Larson and J.C. Walker, 1952
 - Solanum nigrum var. villosum
 - Dykstra, T.P., 1933
 - Solanum tuberosum
 - Abbott, E.V., 1929
 - Artschwager, Ernest F., 1918
 - Atanasoff, D., 1924
 - Bald, J.G. and E.M. Hutton, 1950
 - Barton-Wright, Eustace and Alan McBain, 1933

VIRUS

V. POTATO LEAF ROLL (cont.)

- Solanum tuberosum*
 Bawden, F.C. and B. Kassanis, 1946
 Broadbent, L., 1946
 Broadbent, L., R.P. Chaudhuri and L. Kapica, 1950
 Broadbent, L. and T.W. Tinsley, 1951
 Davidson, T.R., 1955
 Davidson, T.R. and G.B. Sanford, 1955
 Dennis, R.W.G., 1939
 Dykstra, T.P., 1933
 Dykstra, T.P. and W.C. Whitaker, 1938
 Elze, D.L., 1931
 Folsom, Donald, 1921
 Gardner, Max W. and James B. Kendrick, 1924
 Gilbert, Alfred H., 1923, 1928
 Gilbert, G.H., 1929
 Goss, R.W., 1929
 Hoggan, Isme A., 1927
 Jones, Leon K., 1944
 Kassanis, B., 1952
 Kendrick, James B., Sr., 1952
 Kirkpatrick, Hugh C. and A. Frank Ross, 1952
 Klostermeyer, E.C., 1953
 Koch, Karl and James Johnson, 1935
 Link, G.K.K., 1923
 Locke, Seth Barton, 1947
 MacCarthy, H.R., 1954
 McKay, M.B. and T.P. Dykstra, 1932
 Porter, D.R., 1935
 Quanjer, H.M., 1920, 1931
 Quanjer, H.M. and D.L. Elze, 1930
 Rich, Avery E., 1949, 1951
 Schultz, E.S. and R. Bonde, 1929
 Schultz, E.S., C.F. Clark, R. Bonde, W.P.
 Raleigh and F.J. Stevenson, 1934
 Schultz, E.S., C.F. Clark, W.P. Raleigh, F.J.
 Stevenson, R. Bonde and J.H. Beaumont, 1937
 Schultz, E.S. and Donald Folsom, 1921, 1923, 1925
 Sheffield, F.M.L., 1943
 Smith, Kenneth M., 1929, 1931
 Stewart, F.C. and Hugh Glasgow, 1930, 1931
 Webb, R.E., 1956
 Webb, R.E., R.H. Larson and J.C. Walker, 1952
 Webb, R.E. and E.S. Schultz, 1954
 Whitehead, T., 1924, 1931
 Whitehead, T. and J.F. Currie, 1931
 Whitehead, T., J.F. Currie and W. Maldwyn Davies, 1932
 Young, P.A., 1930
 Young, P.A. and H.E. Morris, 1930
Vicia faba
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. POTATO LEAF ROLLING MOSAIC ((Schultz and Folsom 1923)) Folsom 1926; J. Johnson 1929

- Amaranthus caudatus*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Solanum tuberosum
 Dykstra, T.P., 1935, 1936
 Dykstra, T.P. and W.C. Whitaker, 1938
 Hoggan, Isme A., 1927
 Johnson, James, 1929
 McKay, M.B. and T.P. Dykstra, 1932
 Porter, D.R., 1935
 Schultz, E.S. and Donald Folsom, 1923, 1925
 Young, P.A., 1930
 Young, P.A. and H.E. Morris, 1930

V. POTATO M *

- Browallia elata*
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Chenopodium album
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Cyamopsis tetragonoloba
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Datura bernhardii
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956

VIRUS

V. POTATO M * (cont.)

- Datura metel*
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Lycopersicon esculentum
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Nicotiana debneyi
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Physalis philadelphica
 Bagnall, R.H. and R.H. Larson, 1957
Physalis pubescens
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Saracha umbellata *
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Solanum melongena
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Solanum nigrum var. *villosum*
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Solanum rostratum
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Solanum sisymbriifolium
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Solanum tuberosum
 Bagnall, R.H. and R.H. Larson, 1957
Vigna sinensis
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956

 V. POTATO NECROTIC *

Datura stramonium
 Schultz, E.S. and W.P. Raleigh, 1933
Lycopersicon esculentum
 Schultz, E.S. and W.P. Raleigh, 1933
Nicotiana tabacum
 Schultz, E.S. and W.P. Raleigh, 1933
Solanum tuberosum
 Schultz, E.S. and W.P. Raleigh, 1933

 V. POTATO PARACRINKLE Salaman and LePelley 1930

Beta vulgaris
 Kassanis, B., 1955
Browallia elata
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Chenopodium album
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Chenopodium amaranticolor
 Hollings, M., 1956
Cyamopsis tetragonoloba
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 Yarwood, C.E. and A.H. Gold, 1955
Datura bernhardii
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Datura metel
 Bagnall, R.H. and R.H. Larson, 1957
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Dianthus barbatus
 Kassanis, B., 1955
Dianthus caryophyllus
 Kassanis, B., 1955
Lycopersicon esculentum
 Dykstra, T.P., 1939

- VIRUS**
- V. POTATO PARACRINKLE (cont.)**
- Nicotiana debneyi
 - Bagnall, R. H. and R. H. Larson, 1957
 - Bagnall, R. H., R. H. Larson and J. C. Walker, 1956
 - Physalis philadelphica
 - Bagnall, R. H. and R. H. Larson, 1957
 - Bagnall, R. H., R. H. Larson and J. C. Walker, 1956
 - Physalis pubescens
 - Bagnall, R. H., R. H. Larson and J. C. Walker, 1956
 - Saracha umbellata *
 - Bagnall, R. H. and R. H. Larson, 1957
 - Bagnall, R. H., R. H. Larson and J. C. Walker, 1956
 - Solanum nigrum var. villosum
 - Bagnall, R. H. and R. H. Larson, 1957
 - Bagnall, R. H., R. H. Larson and J. C. Walker, 1956
 - Solanum rostratum
 - Bagnall, R. H. and R. H. Larson, 1957
 - Bagnall, R. H., R. H. Larson and J. C. Walker, 1956
 - Solanum sisymbifolium
 - Bagnall, R. H., R. H. Larson and J. C. Walker, 1956
 - Solanum tuberosum
 - Alfieri, S. A. and R. F. Stouffer, 1957
 - Bagnall, R. H. and R. H. Larson, 1957
 - Bagnall, R. H., R. H. Larson and J. C. Walker, 1956
 - Barton-Wright, Eustace and Alan McBain, 1933
 - Dykstra, T. P., 1936, 1939
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Kassanis, B., 1955
 - Whitehead, T., 1937
 - Vigna sinensis
 - Bagnall, R. H., R. H. Larson and J. C. Walker, 1956
- V. POTATO ROSETTE** Hutton and Oldaker
- Lycopersicon esculentum
 - Hutton, E. M. and C. E. W. Oldaker, 1949
 - Nicotiana tabacum
 - Hutton, E. M. and C. E. W. Oldaker, 1949
 - Solanum tuberosum
 - Hutton, E. M. and C. E. W. Oldaker, 1949
- V. POTATO SPINDLE TUBER** K. M. Smith 1957
- Lycopersicon esculentum
 - Stover, W. G., 1928
 - Solanum tuberosum
 - Abbott, E. V., 1929
 - Bald, J. G., D. O. Norris and B. T. Dickson, 1941
 - Fernow, K. H., 1923
 - Folsom, Donald, 1923
 - Folsom Donald and E. S. Schultz, 1924
 - Goss, R. W., 1926, 1928, 1929, 1930, 1931
 - McKay, M. B. and T. P. Dykstra, 1932
 - Porter, D. R., 1935
 - Schultz, E. S., C. F. Clark, R. Bonde, W. P.
 - Raleigh and F. J. Stevenson, 1934
 - Schultz, E. S., C. F. Clark, W. P. Raleigh, F. J.
 - Stevenson, R. Bonde and J. H. Beaumont, 1937
 - Schultz, E. S. and D. Folsom, 1922, 1923, 1925
 - Werner, H. O., 1926
 - Young, P. A., 1930
 - Young, P. A. and H. E. Morris, 1930
- V. POTATO STEM MOTTLE** Rozendaal 1947
- Callistephus chinensis
 - Van der Want, J. P. H., 1955
 - Cuscuta campestris
 - Van der Want, J. P. H., 1955
 - Nicotiana glauca
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Nicotiana glutinosa
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Nicotiana otophora
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Nicotiana tabacum
 - Harrison, B. D., 1957
- VIRUS**
- V. POTATO STEM MOTTLE (cont.)**
- Nicotiana tabacum
 - Van der Want, J. P. H., 1955
 - Nicotiana tomentosa
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Nicotiana tomentosiformis
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Solanum tuberosum
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- V. (POTATO) STEM-END BROWNING ***
- Solanum tuberosum
 - Ross, A. Frank, 1946
- V. POTATO STUNT** Cockerham and McGhee 1953
- Capsicum frutescens (*Capsicum annuum*)
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Lycopersicon esculentum
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Nicotiana rustica
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Nicotiana tabacum
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Physalis floridana
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Solanum demissum
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Solanum nodiflorum
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Solanum tuberosum
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- V. POTATO WITCHES' BROOM** Hungerford and Dana 1924
- Lycopersicon esculentum
 - Young, P. A. and H. E. Morris, 1928
 - Nicotiana tabacum
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Young, P. A., 1929
 - Solanum tuberosum
 - Kunkel, L. O., 1952
 - McKay, M. B. and T. P. Dykstra, 1932
 - Porter, D. R., 1935
 - Young, P. A., 1930
 - Young, P. A. and H. E. Morris, 1928, 1930
- V. POTATO X** K. M. Smith 1931
- Amaranthus gangeticus
 - Hutton, E. M., 1949
 - Amaranthus retroflexus
 - Dykstra, T. P., 1939
 - Larson, R. H., 1944
 - Atropa belladonna
 - Larson, R. H., 1944
 - Beta vulgaris
 - Johnson, E. M., 1930
 - Browallia speciosa
 - Dennis, R. W. G., 1939
 - Capsicum frutescens (*Capsicum annuum*)
 - Bagnall, R. H., R. H. Larson and J. C. Walker, 1956
 - Blodgett, F. M., 1927
 - Cockerham, George, 1943
 - Dennis, R. W. G., 1939
 - Hoggan, Isme A., 1927
 - Hoyman, Wm. G., 1951
 - Johnson, E. M., 1930
 - Johnson, James, 1925, 1927
 - Larson, R. H., 1947
 - Smith, J. Henderson, 1928
 - Vasudeva, R. Sahai and T. B. Lal, 1944
 - Chenopodium album
 - Thompson, A. D., 1956
 - Chenopodium amaranticolor
 - Hollings, M., 1956
 - Chenopodium spp.
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Cucumis sativus
 - Matthews, R. E. F., 1949
 - Cyphomandra betacea
 - Larson, R. H., 1947
 - Matthews, R. E. F., 1949
 - Thompson, A. D., 1956

VIRUS

V. POTATO X (cont.)

- Datura metel
Larson, R.H., 1947
- Datura meteloides
Fernow, Karl Hermann, 1925
- Datura stramonium
Ainsworth, G.C., 1933, 1934
Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Bawden, F.C., 1936
Bawden, F.C. and F.M.L. Sheffield, 1944
Cockerham, George, 1943
Dennis, R.W.G., 1939
Dykstra, T.P., 1933, 1939
Fernow, Karl Hermann, 1925
Folsom, Donald and Reiner Bonde, 1937
Goss, R.W., 1931
Hutton, E.M., 1949
Jarrett, Phyllis H., 1930
Johnson, E.M., 1930
Johnson, James, 1925
Roberts, F.M., 1948
Samson, R.W., 1930
Schultz, E.S., C.F. Clark, W.P. Raleigh, F.J.
Stevenson, R. Bonde and J.H. Beaumont, 1937
Schultz, E.S. and W.P. Raleigh, 1936
Smith, J. Henderson, 1928
Thompson, A.D., 1956
Vasudeva, R. Sahai and T.B. Lal, 1944
- Datura stramonium var. tatala
Dykstra, T.P., 1933
Larson, R.H., 1947
Matthews, R.E.F., 1949
Timian, Roland G., W.J. Hooker and C.E. Peterson, 1955
- Digitalis lanata
Larson, R.H., 1944
- Gomphrena globosa
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Hoyman, Wm. G., 1951
Roberts, Daniel A., 1952
Thompson, A.D., 1956
Timian, Roland G., W.J. Hooker and C.E. Peterson, 1955
Wilkinson, R.E. and F.M. Blodgett, 1948
Wilkinson, R.E. and A. Frank Ross, 1949
- Hyoscyamus niger
Cockerham, George, 1943
Dennis, R.W.G., 1939
Hamilton, Marion A., 1932
Hoggan, Isme A., 1927
Johnson, James, 1927
Smith, J. Henderson, 1928
- Lamium hybridum
Larson, R.H., 1947
- Lamium purpureum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Lycium barbarum
Dennis, R.W.G., 1939
- Lycopersicon esculentum
Ainsworth, G.C., 1933, 1934
Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
Bawden, F.C. and F.M.L. Sheffield, 1944
Burnett, Grover and Leon K. Jones, 1931
Cockerham, George, 1943
Dennis, R.W.G., 1939
Dykstra, T.P., 1933, 1935
Fernow, Karl Hermann, 1925
Folsom, Donald and Reiner Bonde, 1937
Fulton, Robert W., 1941
Goss, R.W., 1931
Hamilton, Marion A., 1932
Hoggan, Isme A., 1927
Johnson, E.M., 1930
Johnson, James, 1925, 1927
Jones, Leon K. and Grover Burnett, 1935
MacNeill, Blair H., 1955
Matthews, R.E.F., 1949
Samson, R.W., 1930

VIRUS

V. POTATO X (cont.)

- Lycopersicon esculentum
Smith, Kenneth M., 1929
Valleau, W.D. and E.M. Johnson, 1930
Vasudeva, R. Sahai and T.B. Lal, 1944
- Lycopersicon esculentum f. pyriforme
Dennis, R.W.G., 1939
- Lycopersicon racemigerum
Dennis, R.W.G., 1939
- Nicandra physalodes
Dennis, R.W.G., 1939
- Fernow, K.H., 1923, 1925
- Folsom, Donald and Reiner Bonde, 1937
- Goss, R.W., 1931
- Hoggan, Isme A., 1927
- Johnson, E.M., 1930
- Larson, R.H., 1947
- Smith, J. Henderson, 1928
- Nicotiana affinis
Smith, J. Henderson, 1928
- Nicotiana alata
Dennis, R.W.G., 1939
- Nicotiana glauca
Hoggan, Isme A., 1927
- Nicotiana glutinosa
Ainsworth, G.C., 1933, 1934
Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
- Black, L.M. and W.C. Price, 1940
- Cockerham, George, 1943
- Dennis, R.W.G., 1939
- Fernow, Karl Hermann, 1925
- Fulton, Robert W., 1941
- Hoggan, Isme A., 1927
- Johnson, James, 1927
- Larson, R.H., 1944, 1947
- Matthews, R.E.F., 1949
- Roberts, Daniel A., 1952
- Thompson, A.D., 1956
- Timian, Roland G., W.J. Hooker and C.E. Peterson, 1955
- Vasudeva, R. Sahai and T.B. Lal, 1944
- Nicotiana rustica
Larson, R.H., 1943, 1944, 1947
- Larson, R.H. and R.C. Ladeburg, 1949
- Thompson, A.D., 1956
- Timian, Roland G., W.J. Hooker and C.E. Peterson, 1955
- Vasudeva, R. Sahai and T.B. Lal, 1944
- Nicotiana sanderae
Smith, J. Henderson, 1928
- Nicotiana sylvestris
Dennis, R.W.G., 1939
- Vasudeva, R. Sahai and T.B. Lal, 1944
- Nicotiana tabacum
Ainsworth, G.C., 1933, 1934
- Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- Bawden, F.C., 1936
- Bawden, F.C. and F.M.L. Sheffield, 1944
- Black, L.M. and W.C. Price, 1940
- Blodgett, F.M., 1927
- Burnett, Grover and Leon K. Jones, 1931
- Cockerham, George, 1943
- Dennis, R.W.G., 1939
- Dykstra, T.P., 1939
- Folsom, Donald and Reiner Bonde, 1937
- Fulton, Robert W., 1941
- Hamilton, Marion A., 1932
- Hoggan, Isme A., 1927
- Hollings, M., 1955
- Johnson, E.M., 1930
- Johnson, James, 1925, 1926, 1927
- Koch, K.L., 1933
- Koch, Karl and James Johnson, 1935
- Larson, R.H., 1943, 1944, 1947
- Larson, R.H. and R.C. Ladeburg, 1949
- Matthews, R.E.F., 1949
- Nolla, J.A.B., 1934
- Price, W.C., 1936
- Quanjer, H.M., 1933
- Roberts, Daniel A., 1952
- Roberts, F.M., 1948

VIRUS

V. POTATO X (cont.)

- Nicotiana tabacum*
 Smith, J. Henderson, 1928
 Smith, Kenneth M., 1930
 Thompson, A.D., 1956
 Timian, Roland G., W.J. Hooker and C.E.
 Peterson, 1955
 Valleau, W.D. and E.M. Johnson, 1930
 Vasudeva, R. Sahai and T.B. Lal, 1944
 Walters, H.J., 1952
Petunia hybrida
 Dykstra, T.P., 1933
Petunia nyctaginiflora
 Dennis, R.W.G., 1939
Petunia violacea
 Hoggan, Isme A., 1927
 Johnson, James, 1925, 1927
 Smith, J. Henderson, 1928
Physalis floridana
 Ross, A. Frank, 1950, 1953
Physalis franchetti
 Hoggan, Isme A., 1927
Physalis heterophylla
 Goss, R.W., 1931
Physalis heterophylla var. *nyctaginea*
 Johnson, E.M., 1930
Physalis pubescens
 Fernow, K.H., 1923
 Folsom, Donald and Reiner Bonde, 1937
 Hoggan, Isme A., 1927
 Johnson, E.M., 1930
 Johnson, James, 1925, 1927
Physalis spp.
 Dykstra, T.P., 1933
Phytolacca decandra
 Johnson, E.M., 1930
Salpiglossis sinuata
 Smith, J. Henderson, 1928
Salpiglossis variabilis
 Dennis, R.W.G., 1939
Schizanthus retusus
 Larson, R.H., 1947
Solanum aculeatissimum
 Fernow, Karl Hermann, 1925
 Larson, R.H., 1947
Solanum atropurpureum *
 Fernow, Karl Hermann, 1925
 Hoggan, Isme A., 1927
Solanum carolinense
 Fernow, Karl Hermann, 1925
 Johnson, E.M., 1930
Solanum demissum x *Solanum tuberosum* var. *aquila* *
 Raymer, W.B. and J.A. Milbrath, 1957
Solanum dulcamara
 Smith, J. Henderson, 1928
 Thompson, A.D., 1956
Solanum laciniatum
 Hoggan, Isme A., 1927
 Thompson, A.D., 1956
Solanum melongena
 Fulton, Robert W., 1941
 Johnson, James, 1925
Solanum melongena var. *esculentum*
 Johnson, E.M., 1930
Solanum miniatum
 Hoggan, Isme A., 1927
Solanum nigrum
 Dennis, R.W.G., 1939
 Folsom, Donald and Reiner Bonde, 1937
 Fulton, Robert W., 1941
 Johnson, James, 1925
 Smith, J. Henderson, 1928
 Thompson, A.D., 1956
Solanum nigrum var. *villosum*
 Dykstra, T.P., 1933
 Smith, J. Henderson, 1928
Solanum nodiflorum
 Cockerham, George, 1943
 Dennis, R.W.G., 1939
 Smith, J. Henderson, 1928
 Thompson, A.D., 1956
 Vasudeva, R. Sahai and T.B. Lal, 1944

VIRUS

V. POTATO X (cont.)

- Solanum rostratum*
 Johnson, James, 1925
Solanum tuberosum
 Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 Atanasoff, D., 1924
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 Bald, J.G., 1945
 Bawden, F.C., 1936
 Bawden, F.C. and F.M.L. Sheffield, 1944
 Blodgett, F.M., 1927
 Burnett, Grover and Leon K. Jones, 1931
 Cockerham, George, 1943
 Dennis, R.W.G., 1939
 Dykstra, T.P., 1933, 1935, 1936, 1939
 Fernow, Karl Hermann, 1925
 Folsom, Donald, 1920
 Folsom, Donald and Reiner Bonde, 1937
 Folsom, Donald and E.S. Schultz, 1924
 Gilbert, Alfred H., 1923
 Goss, R.W., 1931
 Gussow, H.T., 1918
 Hoyman, Wm. G., 1951
 Jones, Leon K. and C.L. Vincent, 1937
 Jones, Leon K., C.L. Vincent and Earl F. Burk, 1940
 Koch, K.L., 1933
 Koch, Karl and James Johnson, 1935
 Krantz, F.A. and G.R. Bisby, 1921
 Ladeburg, R.C. and R.H. Larson, 1949
 Larson, R.H., 1943, 1944, 1947
 Larson, R.H. and R.C. Ladeburg, 1949
 Link, G.K.K., 1923
 Matthews, R.E.F., 1949
 McKay, M.B. and T.P. Dykstra, 1932
 McKinney, H.H., 1928
 Norris, D.O., 1953, 1954
 Quanjer, H.M., 1931
 Roberts, F.M., 1948
 Ross, A. Frank, 1950
 Schultz, E.S., 1951
 Schultz, E.S., C.F. Clark, R. Bonde, W.P. Raleigh and F.J. Stevenson, 1934
 Schultz, E.S., C.F. Clark, W.P. Raleigh, F.J. Stevenson, R. Bonde and J.H. Beaumont, 1937
 Schultz, E.S., C.F. Clark and F.J. Stevenson, 1940
 Schultz, E.S. and Donald Folsom, 1920
 Schultz, E.S., Donald Folsom, F. Merrill Hildebrandt and Lon A. Hawkins, 1919
 Schultz, E.S. and W.P. Raleigh, 1933, 1936
 Smith, J. Henderson, 1928
 Smith, Kenneth M., 1927, 1929, 1930
 Thompson, A.D., 1956
 Timian, Roland G., W.J. Hooker and C.E.
 Peterson, 1955
 Tompkins, C.M., 1926
 Valleau, W.D. and E.M. Johnson, 1930
 Vasudeva, R. Sahai and T.B. Lal, 1944
 Whitehead, T., 1937
 Whitehead, T. and J.F. Currie, 1931
 Whitehead, T., J.F. Currie and W. Maldwyn Davies, 1932
Veronica agrestis
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. POTATO Y Smith 1931
Capsicum frutescens (*Capsicum annuum*)
 Alvarez-Garcia, L.A. and Jose Adsuar, 1943
 Anderson, C.W. and M.K. Corbett, 1957
 Bald, J.G. and D.O. Norris, 1945
 Dennis, R.W.G., 1939
 Dykstra, T.P., 1939
 Easton, G.D., R.H. Larson and R.W. Hougas, 1958
 Hoggan, Isme A., 1927
 Hutton, E.M. and J.W. Peak, 1952
 Johnson, E.M., 1930
 Johnson, James, 1927
 Roque, Arturo and Jose Adsuar, 1941
 Sakimura, K., 1953

VIRUS

V. POTATO Y (cont.)

- Capsicum frutescens* (*Capsicum annuum*)
 Simons, J.N., Robert A. Conover and James M. Walter, 1956
- Cassia tora*
 Anderson, C.W., 1954
- Chenopodium amaranticolor*
 Hollings, M., 1956
- Chenopodium urbicum*
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
 Ross, A. Frank, 1948
- Cyphomandra betacea*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Dahlia* spp.
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Datura metel*
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
 Easton, G.D., R.H. Larson and R.W. Hougas, 1958
- Datura stramonium*
 Bawden, F.C., 1936
 Bawden, F.C. and B. Kassanis, 1947
 Samson, R.W., 1930
- Hyoscyamus niger*
 Cockerham, George, 1943
 Hamilton, Marion A., 1932
 Hoggan, Isme A., 1927
 Johnson, James, 1927
 Larson, R.H., 1947
 Smith, Kenneth M. and R.W.G. Dennis, 1940
 Watson (Hamilton), Marion A., 1937
- Indigofera hirsuta*
 Anderson, C.W. and M.K. Corbett, 1957
- Lycium barbarum*
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
 Smith, Kenneth M. and R.W.G. Dennis, 1940
- Lycium chinense*
 Ross, A. Frank, 1948
- Lycium halimifolium*
 Hutton, E.M. and J.W. Peak, 1952
 Larson, R.H. and J.F. Darby, 1951
 Ross, A. Frank, 1948
- Lycium rhombifolium*
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
 Hutton, E.M. and J.W. Peak, 1952
 Larson, R.H. and J.F. Darby, 1951
- Lycopersicon esculentum*
 Alvarez-Garcia, L.A. and Jose Adsuar, 1943
 Bawden, F.C. and B. Kassanis, 1951
 Bawden, F.C. and F.M.L. Sheffield, 1944
 Burnett, Grover and Leon K. Jones, 1931
 Cockerham, George, 1943
 Conover, Robert A. and Robert W. Fulton, 1953
 Dykstra, T.P., 1933, 1939
 Hoggan, Isme A., 1927
 Johnson, E.M., 1930
 Johnson, James, 1927
 Jones, Leon K. and C.L. Vincent, 1937
 Koch, K.L., 1933
 MacNeill, Blair H., 1955
 Roque, Arturo and Jose Adsuar, 1941
 Sakimura, K., 1953
 Samson, R.W., 1930
 Schultz, E.S. and Donald Folsom, 1923
 Simons, J.N., Robert A. Conover and James M. Walter, 1956
 Smith, Kenneth M. and R.W.G. Dennis, 1940
- Lycopersicon racemigerum*
 Smith, Kenneth M. and R.W.G. Dennis, 1940
- Nicandra physalodes*
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 Hoggan, Isme A., 1927
 Koch, K.L., 1933
 Sakimura, K., 1953
- Nicotiana alata*
 Smith, Kenneth M. and R.W.G. Dennis, 1940
- Nicotiana bigelovii* var. *multivalvis* *
 Roque, Arturo and Jose Adsuar, 1941
- Nicotiana bigelovii* var. *quadrivalvis* *
 Roque, Arturo and Jose Adsuar, 1941
- Nicotiana glauca*
 Hoggan, Isme A., 1927

VIRUS

V. POTATO Y (cont.)

- Nicotiana glauca*
 Johnson, James, 1927
- Nicotiana glutinosa*
 Alvarez-Garcia, L.A. and Jose Adsuar, 1943
 Bald, J.G. and D.O. Norris, 1945
 Bawden, F.C. and B. Kassanis, 1951
 Cockerham, George, 1943
 Conover, Robert A. and Robert W. Fulton, 1953
 Corbett, M.K., 1955
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
 Hamilton, Marion A., 1932
 Hoggan, Isme A., 1927
 Hutton, E.M. and J.W. Peak, 1952
 Johnson, James, 1927
 Koch, K.L., 1933
 Peterson, Paul D. and H.H. McKinney, 1938
 Roque, Arturo and Jose Adsuar, 1941
 Ross, A. Frank, 1948, 1949, 1950, 1953
 Sakimura, K., 1953
 Simons, J.N., Robert A. Conover and James M. Walter, 1956
 Smith, Kenneth M. and R.W.G. Dennis, 1940
 Vasudeva, R. Sahai and T.B. Lal, 1945
 Watson, Marion A., 1956
- Nicotiana langsdorffii*
 Peterson, Paul D. and H.H. McKinney, 1938
 Smith, Kenneth M. and R.W.G. Dennis, 1940
- Nicotiana noctiflora*
 Smith, Kenneth M. and R.W.G. Dennis, 1940
- Nicotiana rustica*
 Johnson, E.M., 1930
 Johnson, James, 1927
 Koch, K.L., 1933
 Oswald, John W., 1948
 Roque, Arturo and Jose Adsuar, 1941
 Sakimura, K., 1953
 Smith, Kenneth M. and R.W.G. Dennis, 1940
 Vasudeva, R. Sahai and T.B. Lal, 1945
- Nicotiana sylvestris*
 Dykstra, T.P., 1939
 Vasudeva, R. Sahai and T.B. Lal, 1945
- Nicotiana tabacum*
 Alvarez-Garcia, L.A. and Jose Adsuar, 1943
 Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
 Bald, J.G. and D.O. Norris, 1945
 Bawden, F.C., 1936
 Bawden, F.C. and B. Kassanis, 1946, 1947, 1951
 Bawden, F.C. and F.M.L. Sheffield, 1944
 Burnett, Grover and Leon K. Jones, 1931
 Cockerham, George, 1943
 Conover, Robert A. and Robert W. Fulton, 1953
 Corbett, M.K., 1955
 Darby, J.F., R.H. Larson and J.C. Walker, 1951
 Doncaster, J.P. and B. Kassanis, 1946
 Dykstra, T.P., 1936, 1939
 Easton, G.D., R.H. Larson and R.W. Hougas, 1958
 Hamilton, Marion A., 1932
 Hoggan, Isme A., 1927
 Johnson, E.M., 1930
 Johnson, James, 1927
 Jones, Leon K. and C.L. Vincent, 1937
 Kassanis, B., 1942
 Koch, K.L., 1933
 Koch, Karl and James Johnson, 1935
 Larson, R.H., 1947
 Larson, R.H. and J.F. Darby, 1951
 McKinney, H.H., 1943
 Nolla, J.A.B., 1934
 Oswald, John W., 1948
 Peterson, Paul D. and H.H. McKinney, 1938
 Price, W.C., 1936
 Richardson, D.E., 1958
 Roque, Arturo and Jose Adsuar, 1941
 Ross, A. Frank, 1950, 1953
 Sakimura, K., 1953
 Simons, J.N., Robert A. Conover and James M. Walter, 1956
 Smith, Kenneth M. and R.W.G. Dennis, 1940
 Valleau, W.D. and E.M. Johnson, 1930
 Vasudeva, R. Sahai and T.B. Lal, 1945

VIRUS

V. POTATO Y (cont.)

Nicotiana tabacum
Watson, Marion A., 1937, 1956

Petunia hybrida
Dykstra, T.P., 1933, 1939
Sakimura, K., 1953

Vasudeva, R. Sahai and T.B. Lal, 1945
Petunia nyctagineiflora
Smith, Kenneth M. and R.W.G. Dennis, 1940

Petunia violacea
Hoggan, Isme A., 1927
Johnson, James, 1927

Physalis floridana
Darby, J.F., R.H. Larson and J.C. Walker, 1951
Easton, G.D., R.H. Larson and R.W. Hougas, 1958
Hutton, E.M. and J.W. Peak, 1952
Richardson, D.E., 1958
Ross, A. Frank, 1948, 1949, 1950, 1953

Physalis franchetti
Hoggan, Isme A., 1927

Physalis heterophylla
Darby, J.F., R.H. Larson and J.C. Walker, 1951
Larson, R.H., 1947

Physalis heterophylla var. nyctaginea
Johnson, E.M., 1930

Physalis peruviana
Larson, R.H. and J.F. Darby, 1951
Sakimura, K., 1953
Simons, J.N., Robert A. Conover and James M. Walter, 1956

Physalis pubescens
Hoggan, Isme A., 1927
Johnson, James, 1927
Koch, K.L., 1933

Physalis spp.
Dykstra, T.P., 1933

Physalis turbinata
Darby, J.F., R.H. Larson and J.C. Walker, 1951

Physalis virginiana
Darby, J.F., R.H. Larson and J.C. Walker, 1951
Larson, R.H., 1947

Salpiglossis variabilis
Smith, Kenneth M. and R.W.G. Dennis, 1940

Schizanthus retusus
Smith, Kenneth M. and R.W.G. Dennis, 1940

Solanum acaule
Easton, G.D., R.H. Larson and R.W. Hougas, 1958

Solanum ajuscoense

Easton, G.D., R.H. Larson and R.W. Hougas, 1958

Solanum atropurpureum *

Hoggan, Isme A., 1927

Solanum cardiophyllum

Easton, G.D., R.H. Larson and R.W. Hougas, 1958

Solanum cardiophyllum subsp. *ehrenbergii*

Easton, G.D., R.H. Larson and R.W. Hougas, 1958

Solanum chacoense

Easton, G.D., R.H. Larson and R.W. Hougas, 1958

(*Solanum demissum* x *Solanum gibberulosum*) x

(*Solanum stoloniferum*)

Easton, G.D., R.H. Larson and R.W. Hougas, 1958

(*Solanum demissum* x *Solanum saltense*) x (*Solanum stoloniferum*)

Easton, G.D., R.H. Larson and R.W. Hougas, 1958

(*Solanum demissum* x *Solanum schickii*) x (*Solanum stoloniferum*)

Easton, G.D., R.H. Larson and R.W. Hougas, 1958

(*Solanum demissum* x *Solanum simplicifolium*) x

(*Solanum stoloniferum*)

Easton, G.D., R.H. Larson and R.W. Hougas, 1958

Solanum dulcamara

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Solanum gibberulosum

Easton, G.D., R.H. Larson and R.W. Hougas, 1958

Solanum gigantophyllum

Easton, G.D., R.H. Larson and R.W. Hougas, 1958

Solanum gracile *

Simons, J.N., Robert A. Conover and James M. Walter, 1956

Solanum kesselbrenneri

Easton, G.D., R.H. Larson and R.W. Hougas, 1958

Solanum laciniatum

Hoggan, Isme A., 1927

VIRUS

V. POTATO Y (cont.)

Solanum melongena

Roque, Arturo and Jose Adsuar, 1941

Sakimura, K., 1953

Solanum melongena var. *esculentum*

Johnson, E.M., 1930

Solanum miniatum

Hoggan, Isme A., 1927

Koch, K.L., 1933

Solanum nigrum

Koch, K.L., 1933

Smith, Kenneth M. and R.W.G. Dennis, 1940

Solanum nigrum var. *villosum*

Dykstra, T.P., 1953

Solanum nodiflorum

Cockerham, George, 1943

Sakimura, K., 1953

Smith, Kenneth M. and R.W.G. Dennis, 1940

Vasudeva, R. Sahai and T.B. Lal, 1945

Solanum polyadenium

Easton, G.D., R.H. Larson and R.W. Hougas, 1958

Solanum rybini

Easton, G.D., R.H. Larson and R.W. Hougas, 1958

Solanum saltense

Easton, G.D., R.H. Larson and R.W. Hougas, 1958

Solanum simplicifolium x *Solanum rybini*

Easton, G.D., R.H. Larson and R.W. Hougas, 1958

Solanum simplicifolium x *Solanum toralapanum*

Easton, G.D., R.H. Larson and R.W. Hougas, 1958

Solanum stoloniferum

Easton, G.D., R.H. Larson and R.W. Hougas, 1958

Solanum tuberosum

Atanasoff, D., 1924, 1925

Bald, J.G., 1945

Bald, J.G. and D.O. Norris, 1945

Bawden, F.C., 1936

Bawden, F.C. and B. Kassanis, 1946, 1947, 1951

Bawden, F.C. and F.M.L. Sheffield, 1944

Broadbent, L., 1946

Broadbent, L., R.P. Chaudhuri and L. Kapica, 1950

Broadbent, L. and T.W. Tinsley, 1951

Cockerham, George, 1943

Corbett, M.K., 1955

Darby, J.F., R.H. Larson and J.C. Walker, 1951

Dennis, R.W.G., 1939

Dykstra, T.P., 1933, 1936, 1939

Easton, G.D., R.H. Larson and R.W. Hougas, 1958

Hoggan, Isme A., 1927

Hutton, E.M. and J.W. Peak, 1952

Johnson, James, 1927

Jones, Leon K. and C.L. Vincent, 1937

Jones, Leon K., C.L. Vincent and Earl F. Buck, 1940

Kassanis, B., 1942

Koch, K.L., 1933

Koch, Karl and James Johnson, 1935

Larson, R.H., 1947

Larson, R.H. and J.F. Darby, 1951

Lawson, John W., 1948

Quanjer, H.M., 1931

Richardson, D.E., 1958

Ross, A. Frank, 1948, 1950

Samson, R.W., 1930

Schultz, E.S., C.F. Clark, R. Bonde, W.P. Raleigh and F.J. Stevenson, 1934

Schultz, E.S., C.F. Clark, W.P. Raleigh, F.J. Stevenson, R. Bonde and J.H. Beaumont, 1937

Schultz, E.S. and D. Folsom, 1922, 1923, 1925

Smith, Kenneth M. and R.W.G. Dennis, 1940

Valleau, W.D. and E.M. Johnson, 1930

Vasudeva, R. Sahai and T.B. Lal, 1945

Vincent, C.L. and L.K. Jones, 1936

Watson, Marion A., 1956

Whitehead, T., 1937

Vigna chinensis *

Darby, J.F., R.H. Larson and J.C. Walker, 1951

Vigna sinensis

Dykstra, T.P., 1939

Ross, A. Frank, 1948

Zinnia elegans

Simons, J.N., Robert A. Conover and James M. Walter, 1956

VIRUS

- V. POTATO YELLOW DWARF Barrus and Chupp 1922
Barbarea vulgaris
 Hansing, E.D., 1942
Callistephus chinensis
 Black, L.M., 1938
Capsella bursa-pastoris
 Hansing, E.D., 1942
Datura stramonium
 Hougas, R.W., 1951
Hyoscyamus niger
 Black, L.M., 1937, 1938
Kalanchoe diagremontiana
 Hansing, E.D., 1942
Lycopersicon esculentum
 Black, L.M., 1937
 Hougas, R.W., 1951
Medicago lupulina
 Hansing, E.D., 1942
Nicotiana glauca
 Black, L.M., 1938
Nicotiana glutinosa
 Black, L.M., 1938
Nicotiana langsdorffii
 Black, L.M., 1938
Nicotiana paniculata
 Black, L.M., 1938
Nicotiana rustica
 Black, L.M., 1938, 1940, 1943
 Hougas, R.W., 1951
 Price, W.C. and L.M. Black, 1941
 Younkin, S.G., 1943
Nicotiana rustica var. *jamaicensis**
 Black, L.M., 1938
Nicotiana rustica var. *pumila**
 Black, L.M., 1938
Nicotiana sanderae
 Black, L.M., 1938
Nicotiana sylvestris
 Black, L.M., 1938
Nicotiana tabacum
 Black, L.M., 1938
Nicotiana undulata
 Black, L.M., 1938
Physalis heterophylla
 Black, L.M., 1937
 Larson, R.H., 1947
Physalis pubescens
 Black, L.M., 1938
Physalis virginiana
 Larson, R.H., 1947
Solanum acaule var. *subexinterruptum*
 Black, L.M., 1937
Solanum ajuscoense
 Black, L.M., 1937
Solanum antipoviczii
 Black, L.M., 1937
Solanum cardiophyllum f. *coyoacanum**
 Black, L.M., 1937
Solanum melongena
 Black, L.M., 1938
Solanum neo-antipoviczii
 Black, L.M., 1937
Solanum tuberosum
 Black, L.M., 1937, 1938, 1940, 1943
 Hansing, E.D., 1942, 1943
 Hougas, R.W., 1951
 Koch, K., 1934
 Larson, R.H., 1945, 1947
 Muncie, J.H., 1935
 Walker, J.C. and R.H. Larson, 1939
Solanum verrucosum
 Black, L.M., 1937
Trifolium agrarium
 Black, L.M., 1937
Trifolium hybridum
 Black, L.M., 1937
Trifolium incarnatum
 Black, L.M., 1938, 1943, 1953
 Hougas, R.W., 1951
Trifolium pratense
 Black, L.M., 1936, 1937
 Hansing, E.D., 1942

VIRUS

- V. POTATO YELLOW DWARF (cont.)
Trifolium repens
 Black, L.M., 1937
 Hansing, E.D., 1942
Trifolium spp.
 Black, L.M., 1938
Vicia faba
 Black, L.M., 1938
 Hougas, R.W., 1951

 V. POTATO YELLOW SPOT Bonde and Merriam 1954
Solanum tuberosum
 Bonde, Reiner and Donald Merriam, 1954

 V. POTATO YELLOW VEIN K.M. Smith 1957
Solanum tuberosum
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

 V. PRIMULA MOSAIC
Primula malacoides
 Tompkins, C.M. and John T. Middleton, 1941
Primula obconica
 Severin, Henry H.P. and C.M. Tompkins, 1950
 Tompkins, C.M. and John T. Middleton, 1941
Primula sinensis
 Tompkins, C.M. and John T. Middleton, 1941

 V. PRUNE DIAMOND CANKER Smith 1941
Cucumis sativus
 Yarwood, C.E. and H.E. Thomas, 1954
Prunus domestica
 Smith, Ralph E., 1941
 Yarwood, C.E. and H.E. Thomas, 1954

 V. PRUNE DWARF Thomas and Hildebrand 1936
Cucumis sativus
 Willison, R.S., 1951
Cucurbita maxima
 Milbrath, J.A., 1956
 Willison, R.S., 1951
Prunus armeniaca
 Moore, J. Duain and H.R. Cameron, 1956
 Willison, R.S., 1944
Prunus avium
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 Willison, R.S., 1944
Prunus cerasifera
 Willison, R.S., 1944
Prunus cerasus
 Fink, Harry C., 1955
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 Milbrath, J.A., 1957
 Moore, J. Duain and H.R. Cameron, 1956
 Willison, R.S., 1944
Prunus domestica
 Cochran, L.C., 1956
 Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 Hildebrand, E.M., 1942
 Moore, J. Duain and H.R. Cameron, 1956
 Richards, B.L. and L.C. Cochran, 1956
 Thomas, H.E. and E.M. Hildebrand, 1936
 Willison, R.S., 1944
Prunus insititia
 Hildebrand, E.M., 1942
Prunus mahaleb
 Willison, R.S., 1944
Prunus persica
 Hildebrand, E.M., 1942
 Richards, B.L. and L.C. Cochran, 1956
 Willison, R.S., 1944
Prunus salicina
 Hildebrand, E.M., 1942
 Willison, R.S., 1944
Prunus tomentosa
 Fink, Harry C., 1955

 V. PRUNUS *
Zinnia elegans
 Varney, E.H. and J. Duain Moore, 1954

 V. PRUNUS A *
Antirrhinum majus
 Fulton, Robert W., 1957

VIRUS

- V. PRUNUS A * (cont.)
- Apocynum androsaemifolium*
Fulton, Robert W., 1957
 - Asclepias syriaca*
Fulton, Robert W., 1957
 - Astragalus rubyi*
Fulton, Robert W., 1957
 - Carthamus tinctorius*
Fulton, Robert W., 1957
 - Citrullus colocynthis*
Fulton, Robert W., 1957
 - Citrullus vulgaris*
Ehlers, Clifford G. and J. Duain Moore, 1957
Fulton, Robert W., 1957
 - Citrus vulgaris* var. *citrooides*
Fulton, Robert W., 1957
 - Crotalaria intermedia*
Fulton, Robert W., 1957
 - Cucumis anguria*
Fulton, Robert W., 1957
 - Cucumis dipsaceus*
Fulton, Robert W., 1957
 - Cucumis melo*
Fulton, Robert W., 1957
 - Cucumis prophetarum*
Fulton, Robert W., 1957
 - Cucumis sativus*
Fulton, Robert W., 1957
 - Cucurbita ficifolia*
Fulton, Robert W., 1957
 - Cucurbita maxima*
Fulton, Robert W., 1957
 - Cucurbita moschata*
Fulton, Robert W., 1957
 - Cucurbita okeechobeensis*
Fulton, Robert W., 1957
 - Cucurbita pepo*
Fulton, Robert W., 1957
 - Cyamopsis tetragonoloba*
Ehlers, Clifford G. and J. Duain Moore, 1957
Fulton, Robert W., 1957
 - Cyclanthera pedata*
Fulton, Robert W., 1957
 - Cynoglossum amabile*
Fulton, Robert W., 1957
 - Datura stramonium*
Vasudeva, R. Sahai and C.S. Ramamoorthy, 1946
 - Datura stramonium* var. *tatula*
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Echinocystis lobata*
Fulton, Robert W., 1957
 - Gomphrena globosa*
Fulton, Robert W., 1957
 - Gossypium hirsutum*
Fulton, Robert W., 1957
 - Hedysarum coronarium*
Fulton, Robert W., 1957
 - Ipomoea purpurea*
Fulton, Robert W., 1957
 - Lactuca sativa*
Fulton, Robert W., 1957
 - Melilotus alba*
Fulton, Robert W., 1957
 - Melothria pendula*
Fulton, Robert W., 1957
 - Momordica balsamina*
Fulton, Robert W., 1957
 - Nicotiana benthamiana*
Fulton, Robert W., 1957
 - Nicotiana tabacum*
Ehlers, Clifford G. and J. Duain Moore, 1957
Fulton, Robert W., 1957
Varney, E.H. and J. Duain Moore, 1954
 - Petunia hybrida*
Fulton, Robert W., 1957
 - Pisum sativum*
Fulton, Robert W., 1957

VIRUS

- V. PRUNUS A * (cont.)
- Prunus americana* x *Prunus salicina*
Ehlers, Clifford G. and J. Duain Moore, 1957
 - Prunus cerasus*
Ehlers, Clifford G. and J. Duain Moore, 1957
Fulton, Robert W., 1957
 - Prunus mahaleb*
Fulton, Robert W., 1957
 - Prunus pensylvanica*
Fulton, Robert W., 1957
 - Prunus serotina*
Fulton, Robert W., 1957
 - Prunus virginiana*
Fulton, Robert W., 1957
 - Sesbania bispinosa*
Fulton, Robert W., 1957
 - Sesbania cannabina*
Fulton, Robert W., 1957
 - Sesbania cinerascens*
Fulton, Robert W., 1957
 - Sesbania exaltata*
Ehlers, Clifford G. and J. Duain Moore, 1957
Fulton, Robert W., 1957
 - Sesbania paulensis*
Fulton, Robert W., 1957
 - Sesbania sesban*
Fulton, Robert W., 1957
 - Sesbania speciosa*
Fulton, Robert W., 1957
 - Sicana odorifera*
Fulton, Robert W., 1957
 - Trichosanthes anguina*
Fulton, Robert W., 1957
 - Trifolium repens*
Fulton, Robert W., 1957
 - Vinca rosea*
Fulton, Robert W., 1957
- V. PRUNUS B *
- Antirrhinum majus*
Fulton, Robert W., 1957
 - Apocynum androsaemifolium*
Fulton, Robert W., 1957
 - Astragalus rubyi*
Fulton, Robert W., 1957
 - Benincasa hispida*
Fulton, Robert W., 1957
 - Boltonia latisquama*
Fulton, Robert W., 1957
 - Browallia elata*
Fulton, Robert W., 1957
 - Callistephus chinensis*
Fulton, Robert W., 1957
 - Carthamus tinctorius*
Fulton, Robert W., 1957
 - Centaurea imperialis*
Fulton, Robert W., 1957
 - Citrullus colocynthis*
Fulton, Robert W., 1957
 - Citrullus vulgaris*
Ehlers, Clifford G. and J. Duain Moore, 1957
Fulton, Robert W., 1957
 - Citrus vulgaris* var. *citrooides*
Fulton, Robert W., 1957
 - Coleus blumei*
Fulton, Robert W., 1957
 - Crotalaria capensis*
Fulton, Robert W., 1957
 - Crotalaria spectabilis*
Fulton, Robert W., 1957
 - Cucumis anguria*
Fulton, Robert W., 1957
 - Cucumis dipsaceus*
Fulton, Robert W., 1957
 - Cucumis melo*
Fulton, Robert W., 1957
 - Cucumis sativus*
Fulton, Robert W., 1957
 - Cucurbita ficifolia*
Fulton, Robert W., 1957
 - Cucurbita maxima*
Fulton, Robert W., 1957

VIRUS

- V. PRUNUS B * (cont.)
Cucurbita moschata
 Fulton, Robert W., 1957
Cucurbita okeechobeensis
 Fulton, Robert W., 1957
Cucurbita pepo
 Fulton, Robert W., 1957
Cyamopsis tetragonoloba
 Ehlers, Clifford G. and J. Duain Moore, 1957
Cyclanthera pedata
 Fulton, Robert W., 1957
Cynoglossum amabile
 Fulton, Robert W., 1957
Datura stramonium
 Fulton, Robert W., 1957
Echinocystis lobata
 Fulton, Robert W., 1957
Gleditsia triacanthos
 Fulton, Robert W., 1957
Gossypium hirsutum
 Fulton, Robert W., 1957
Ipomoea purpurea
 Fulton, Robert W., 1957
Lactuca sativa
 Fulton, Robert W., 1957
Lagenaria siceraria (*Lagenaria leucantha*)
 Fulton, Robert W., 1957
Melilotus alba
 Fulton, Robert W., 1957
Melilotus indica
 Fulton, Robert W., 1957
Melilotus officinalis
 Fulton, Robert W., 1957
Melothria guadalupensis
 Fulton, Robert W., 1957
Melothria pendula
 Fulton, Robert W., 1957
Momordica balsamina
 Fulton, Robert W., 1957
Momordica charantia
 Fulton, Robert W., 1957
Nepeta cataria
 Fulton, Robert W., 1957
Nicotiana benthamiana
 Fulton, Robert W., 1957
Nicotiana spp.
 Fulton, Robert W., 1957
Nicotiana tabacum
 Ehlers, Clifford G. and J. Duain Moore, 1957
 Fulton, Robert W., 1956, 1957
Nierembergia hippomanica
 Fulton, Robert W., 1957
Petunia hybrida
 Fulton, Robert W., 1957
Phlox drummondii
 Fulton, Robert W., 1957
Physalis aequata
 Fulton, Robert W., 1957
Plantago virginica
 Fulton, Robert W., 1957
Prunus americana x *Prunus salicina*
 Ehlers, Clifford G. and J. Duain Moore, 1957
Prunus cerasus
 Ehlers, Clifford G. and J. Duain Moore, 1957
 Fulton, Robert W., 1957
Prunus mahaleb
 Fulton, Robert W., 1957
Prunus pensylvanica
 Fulton, Robert W., 1957
Prunus serotina
 Fulton, Robert W., 1957
Prunus virginiana
 Fulton, Robert W., 1957
Salpiglossis sinuata
 Fulton, Robert W., 1957
Sesbania bispinosa
 Fulton, Robert W., 1957
Sesbania cannabina
 Fulton, Robert W., 1957
Sesbania cinerascens
 Fulton, Robert W., 1957
Sesbania exaltata
 Ehlers, Clifford G. and J. Duain Moore, 1957

VIRUS

- V. PRUNUS B * (cont.)
Sesbania exaltata
 Fulton, Robert W., 1957
Sesbania paulensis
 Fulton, Robert W., 1957
Sesbania sesban
 Fulton, Robert W., 1957
Sesbania speciosa
 Fulton, Robert W., 1957
Sicana odorifera
 Fulton, Robert W., 1957
Solidago spp.
 Fulton, Robert W., 1957
Tithonia speciosa
 Fulton, Robert W., 1957
Thunbergia alata
 Fulton, Robert W., 1957
Trichosanthes anguina
 Fulton, Robert W., 1957
Trifolium repens
 Fulton, Robert W., 1957
Verbascum thapsus
 Fulton, Robert W., 1957
Vinca rosea
 Fulton, Robert W., 1957
Zinnia elegans
 Fulton, Robert W., 1957
- V. PRUNUS E * (cont.)
Antirrhinum majus
 Fulton, Robert W., 1957
Apocynum androsaemifolium
 Fulton, Robert W., 1957
Benincasa hispida
 Fulton, Robert W., 1957
Carthamus tinctorius
 Fulton, Robert W., 1957
Cassia marilandica
 Fulton, Robert W., 1957
Cassia tora
 Fulton, Robert W., 1957
Centaurea imperialis
 Fulton, Robert W., 1957
Citrullus vulgaris
 Ehlers, Clifford G. and J. Duain Moore, 1957
Coleus blumei
 Fulton, Robert W., 1957
Crotalaria intermedia
 Fulton, Robert W., 1957
Crotalaria mucronata
 Fulton, Robert W., 1957
Cucumis anguria
 Fulton, Robert W., 1957
Cucumis dipsaceus
 Fulton, Robert W., 1957
Cucumis melo
 Fulton, Robert W., 1957
Cucumis prophetarum
 Fulton, Robert W., 1957
Cucumis sativus
 Fulton, Robert W., 1957
Cucurbita ficifolia
 Fulton, Robert W., 1957
Cucurbita maxima
 Fulton, Robert W., 1957
Cucurbita moschata
 Fulton, Robert W., 1957
Cucurbita okeechobeensis
 Fulton, Robert W., 1957
Cucurbita pepo
 Fulton, Robert W., 1957
Cyamopsis tetragonoloba
 Ehlers, Clifford G. and J. Duain Moore, 1957
 Fulton, Robert W., 1957
Cyclanthera pedata
 Fulton, Robert W., 1957
Echinocystis lobata
 Fulton, Robert W., 1957
Gossypium hirsutum
 Fulton, Robert W., 1957
Ipomoea purpurea
 Fulton, Robert W., 1957

VIRUS

- V. PRUNUS E * (cont.)
Melothria guadalupensis
 Fulton, Robert W., 1957
Melothria pendula
 Fulton, Robert W., 1957
Momordica balsamina
 Fulton, Robert W., 1957
Nicotiana benthamiana
 Fulton, Robert W., 1957
Nicotiana tabacum
 Ehlers, Clifford G. and J. Duain Moore, 1957
Petunia hybrida
 Fulton, Robert W., 1957
Prunus americana x Prunus salicina
 Ehlers, Clifford G. and J. Duain Moore, 1957
Prunus cerasus
 Ehlers, Clifford G. and J. Duain Moore, 1957
Fulton, Robert W., 1957
Prunus mahaleb
 Fulton, Robert W., 1957
Prunus pensylvanica
 Fulton, Robert W., 1957
Prunus serotina
 Fulton, Robert W., 1957
Prunus virginiana
 Fulton, Robert W., 1957
Sesbania bispinosa
 Fulton, Robert W., 1957
Sesbania cannabina
 Fulton, Robert W., 1957
Sesbania cinerascens
 Fulton, Robert W., 1957
Sesbania exaltata
 Ehlers, Clifford G. and J. Duain Moore, 1957
Fulton, Robert W., 1957
Sesbania paulensis
 Fulton, Robert W., 1957
Sesbania speciosa
 Fulton, Robert W., 1957
Sicana odorifera
 Fulton, Robert W., 1957
Trichosanthes anguina
 Fulton, Robert W., 1957
- V. PRUNUS G *
Antirrhinum majus
 Fulton, Robert W., 1957
Apocynum androsaemifolium
 Fulton, Robert W., 1957
Asclepias syriaca
 Fulton, Robert W., 1957
Carthamus tinctorius
 Fulton, Robert W., 1957
Cassia tora
 Fulton, Robert W., 1957
Centaurea imperialis
 Fulton, Robert W., 1957
Crotalaria intermedia
 Fulton, Robert W., 1957
Crotalaria mucronata
 Fulton, Robert W., 1957
Cucumis anguria
 Fulton, Robert W., 1957
Cucumis dipsaceus
 Fulton, Robert W., 1957
Cucumis melo
 Fulton, Robert W., 1957
Cucumis prophetarum
 Fulton, Robert W., 1957
Cucumis sativus
 Fulton, Robert W., 1957
Cucurbita ficifolia
 Fulton, Robert W., 1957
Cucurbita maxima
 Fulton, Robert W., 1957
Cucurbita moschata
 Fulton, Robert W., 1957
Cucurbita okeechobeensis
 Fulton, Robert W., 1957
Cyamopsis tetragonoloba
 Fulton, Robert W., 1957
Cyclanthera pedata
 Fulton, Robert W., 1957

VIRUS

- V. PRUNUS G * (cont.)
Echinocystis lobata
 Fulton, Robert W., 1957
Gomphrena globosa
 Fulton, Robert W., 1957
Hedysarum coronarium
 Fulton, Robert W., 1957
Indigofera hirsuta
 Fulton, Robert W., 1957
Ipomoea purpurea
 Fulton, Robert W., 1957
Melilotus alba
 Fulton, Robert W., 1957
Melothria guadalupensis
 Fulton, Robert W., 1957
Momordica balsamina
 Fulton, Robert W., 1957
Nicotiana tabacum
 Fulton, Robert W., 1957
Petunia hybrida
 Fulton, Robert W., 1957
Pisum sativum
 Fulton, Robert W., 1957
Potentilla palustris
 Fulton, Robert W., 1957
Prunus americana x Prunus salicina
 Ehlers, Clifford G. and J. Duain Moore, 1957
Prunus cerasus
 Ehlers, Clifford G. and J. Duain Moore, 1957
Fulton, Robert W., 1957
Prunus mahaleb
 Fulton, Robert W., 1957
Prunus pensylvanica
 Fulton, Robert W., 1957
Prunus serotina
 Fulton, Robert W., 1957
Prunus virginiana
 Fulton, Robert W., 1957
Rheum rhabonticum
 Fulton, Robert W., 1957
Sesbania bispinosa
 Fulton, Robert W., 1957
Sesbania cannabina
 Fulton, Robert W., 1957
Sesbania cinerascens
 Fulton, Robert W., 1957
Sesbania exaltata
 Fulton, Robert W., 1957
Sesbania paulensis
 Fulton, Robert W., 1957
Sesbania speciosa
 Fulton, Robert W., 1957
Sicana odorifera
 Fulton, Robert W., 1957
Trichosanthes anguina
 Fulton, Robert W., 1957
Verbascum thapsus
 Fulton, Robert W., 1957
Vinca rosea
 Fulton, Robert W., 1957
Zinnia elegans
 Fulton, Robert W., 1957
- V. PRIVET MOSAIC *
Chenopodium amaranthoides
 Hollings, M., 1956
- V. PSORALEA BITUMINOSA MOSAIC *
Psoralea bituminosa
 McKinney, H.H., 1928
- V. QUINCE SOOTY RING SPOT *
Cydonia oblonga
 Posnette, A.F., 1957
Pyrus communis
 Posnette, A.F., 1957
- V. QUINCE STUNT *
Cydonia oblonga
 Posnette, A.F., 1957
Pyrus communis
 Posnette, A.F., 1957

VIRUS

- V. RADISH MOSAIC Tompkins 1939
Brassica adpressa
 Tompkins, C.M., 1939
Brassica campestris
 Raychaudhuri, S.P. and P.S. Pathanian, 1955
Brassica hirta (*Brassica alba*)
 Raychaudhuri, S.P. and P.S. Pathanian, 1955
 Tompkins, C.M., 1939
Brassica juncea (*Brassica japonica*)
 Raychaudhuri, S.P. and P.S. Pathanian, 1955
 Takahashi, William N., 1952
 Tompkins, C.M., 1939
Brassica kaber (*Brassica arvensis*)
 Tompkins, C.M., 1939
Brassica nigra
 Raychaudhuri, S.P. and P.S. Pathanian, 1955
 Tompkins, C.M., 1939
Brassica oleracea
 Raychaudhuri, S.P. and P.S. Pathanian, 1955
Brassica oleracea var. *acephala*
 Tompkins, C.M., 1939
Brassica oleracea var. *botrytis*
 Raychaudhuri, S.P. and P.S. Pathanian, 1955
 Tompkins, C.M., 1939
Brassica oleracea var. *capitata*
 Raychaudhuri, S.P. and P.S. Pathanian, 1955
 Tompkins, C.M., 1939
Brassica oleracea var. *caulorapa*
 Tompkins, C.M., 1939
Brassica oleracea var. *gemmaifera*
 Tompkins, C.M., 1939
Brassica pekinensis
 Tompkins, C.M., 1939
Brassica rapa
 Raychaudhuri, S.P. and P.S. Pathanian, 1955
 Takahashi, William N., 1952
 Tompkins, C.M., 1939
Capsella bursa-pastoris
 Tompkins, C.M., 1939
Chenopodium album
 Tompkins, C.M., 1939
Chenopodium murale
 Tompkins, C.M., 1939
Delphinium ajacis
 Tompkins, C.M., 1939
Malcolmia maritima
 Tompkins, C.M., 1939
Matthiola bicornis
 Tompkins, C.M., 1939
Matthiola incana
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Nicotiana glutinosa
 Tompkins, C.M., 1939
Nicotiana langsdorffii
 Tompkins, C.M., 1939
Nicotiana rustica var. *humuliflora**
 Tompkins, C.M., 1939
Nicotiana tabacum
 Tompkins, C.M., 1939
Raphanus sativus
 Raychaudhuri, S.P. and P.S. Pathanian, 1955
 Severin, Henry H.P. and C.M. Tompkins, 1950
 Takahashi, William N., 1952
 Tompkins, C.M., 1939
Raphanus sativus var. *longipinnatus**
 Tompkins, C.M., 1939
Spinacia oleracea
 Tompkins, C.M., 1939
- V. RANUNCULUS MOSAIC K.M. Smith 1957
Cucumis sativus
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Gomphrena globosa
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Nicotiana glutinosa
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Nicotiana tabacum
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Phaseolus vulgaris
 Raabe, Robert D. and A. Herbert Gold, 1957
Ranunculus asiaticus
 Raabe, Robert D. and A. Herbert Gold, 1957
Tetragonia expansa
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

VIRUS

- V. RAPE SAVOY F.O. Holmes 1939
Brassica chinensis
 Ling, Lee and Juhwa Y. Yang, 1940
Brassica juncea (*Brassica japonica*)
 Ling, Lee and Juhwa Y. Yang, 1940
Brassica napus
 Ling, Lee and Juhwa Y. Yang, 1940
Brassica pekinensis
 Ling, Lee and Juhwa Y. Yang, 1940
Brassica rapa
 Ling, Lee and Juhwa Y. Yang, 1940
Raphanus sativus var. *longipinnatus**
 Ling, Lee and Juhwa Y. Yang, 1940
- V. RASPBERRY ALPHA LEAF CURL
Rubus allegheniensis
 Bennett, C.W., 1927
Rubus idaeus var. *strigosus*
 Bennett, C.W., 1927, 1930
 Rankin, W.H., J.F. Hockey and J.B. McCurry,
 1922
Rubus macropetalus
 Bennett, C.W., 1927
Rubus occidentalis
 Rankin, W.H. and J.F. Hockey, 1922
Rubus phoenicolasius
 Rankin, W.H. and J.F. Hockey, 1922
Rubus strigosus
 Bennett, C.W., 1927
 Rankin, W.H. and J.F. Hockey, 1922
- V. RASPBERRY BETA LEAF CURL
Rubus idaeus var. *strigosus*
 Bennett, C.W., 1930
Rubus neglectus
 Bennett, C.W., 1927
Rubus occidentalis
 Bennett, C.W., 1927, 1930
 Rankin, W. Howard, 1931
- V. RASPBERRY CURLY DWARF Prentice and Harris
Rubus idaeus 1950
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. RASPBERRY LEAF SPOT Cadman 1952
Rubus idaeus
 Cadman, C.H., 1952
- V. RASPBERRY (MILD) YELLOWS Cadman 1952
Rubus idaeus
 Cadman, C.H., 1952
- V. RASPBERRY (MODERATE) VEIN CHLOROSIS Cadman 1952
Rubus idaeus 1952
 Cadman, C.H., 1952
- V. RASPBERRY MOSAIC 2*
Rubus idaeus
 Cadman, C.H., 1952
 Harris, R.V., 1940
 Prentice, I.W. and R.V. Harris, 1950
- V. RASPBERRY NECROTIC FERN LEAF MOSAIC
Rubus idaeus Chamberlain 1941
 Chamberlain, G.C., 1941
Rubus occidentalis
 Chamberlain, G.C., 1941
- V. RASPBERRY SCOTTISH LEAF CURL Harris et al.
Beta vulgaris 1953
 Harrison, B.D., 1958
Chenopodium amaranticolor
 Harrison, B.D., 1958
 Lister, R.M., 1958
Cirsium arvense
 Harrison, B.D., 1958
Cucumis sativus
 Harrison, B.D., 1958
 Lister, R.M., 1958
Datura stramonium
 Cadman, C.H., 1956
 Harrison, B.D., 1958
 Lister, R.M., 1958

VIRUS

- V. RASPBERRY SCOTTISH LEAF CURL (cont.)
Fragaria vesca
 Lister, R.M., 1958
 Vaughan, Edward K. and Harold W. Wiedman, 1955
Hyoscyamus niger
 Cadman, C.H., 1956
Matricaria matricarioides
 Harrison, B.D., 1958
Myosotis arvensis
 Harrison, B.D., 1958
Nicotiana glutinosa
 Cadman, C.H., 1956
Nicotiana rustica
 Cadman, C.H., 1956
 Harrison, B.D., 1958
 Lister, R.M., 1958
Nicotiana tabacum
 Cadman, C.H., 1956
 Harrison, B.D., 1957, 1958
 Lister, R.M., 1958
Petunia hybrida
 Harrison, B.D., 1958
 Lister, R.M., 1958
Petunia spp.
 Cadman, C.H., 1956
Phaseolus vulgaris
 Cadman, C.H., 1956
 Harrison, B.D., 1958
 Lister, R.M., 1958
Polygonum convolvulus
 Harrison, B.D., 1958
Rubus idaeus
 Cadman, C.H., 1956
 Cadman, C.H. and R.V. Harris, 1952
 Harrison, B.D., 1958
Spergula arvensis
 Harrison, B.D., 1957, 1958
Stellaria media
 Harrison, B.D., 1958
Veronica persica
 Harrison, B.D., 1958

V. RASPBERRY STREAK Zeller 1923

- Cuscuta subinclusa*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Rubus occidentalis
 Bennett, C.W., 1927
 Horn, Norman L., 1948
 Horn, N.L. and M.W. Woods, 1949
 Rankin, W. Howard, 1931

V. RASPBERRY VEINBANDING Cadman 1952

- Rubus idaeus*
 Cadman, C.H., 1952
 Harris, R.V., 1940
 Prentice, I.W. and R.V. Harris, 1950
Rubus idaeus var. strigosus
 Cadman, C.H., 1952
Rubus occidentalis
 Cadman, C.H., 1952
Rubus occidentalis x *Rubus idaeus*
 Cadman, C.H., 1952
Rubus saxatilis
 Cadman, C.H., 1952

V. RASPBERRY YELLOW BLOTH CURL Chamberlain 1938

- Fragaria vesca* 1938
 Vaughan, Edward K. and Harold W. Wiedman, 1955

- Rubus idaeus*
 Cadman, C.H. and R.V. Harris, 1952

- (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

- Rubus idaeus var. strigosus*

- Zeller, S.M. and A.J. Braun, 1943

V. RASPBERRY YELLOW DWARF

- Anagallis arvensis*
 Harrison, B.D., 1958
Beta vulgaris
 Harrison, B.D., 1958
Brassica pekinensis
 Harrison, B.D., 1958
Brassica rapa
 Harrison, B.D., 1958

VIRUS

- V. RASPBERRY YELLOW DWARF (cont.)
Cerastium spp.
 Harrison, B.D., 1958
Chenopodium amaranticolor
 Harrison, B.D., 1958
Cucumis sativus
 Harrison, B.D., 1958
Datura stramonium
 Harrison, B.D., 1958
Fragaria vesca
 Harrison, B.D., 1958
 Lister, R.M., 1958
Gomphrena globosa
 Harrison, B.D., 1958
Kickxia spuria
 Harrison, B.D., 1958
Lycopersicon esculentum
 Harrison, B.D., 1958
Nicotiana glutinosa
 Harrison, B.D., 1958
Nicotiana rustica
 Harrison, B.D., 1958
 Lister, R.M., 1958
Nicotiana tabacum
 Harrison, B.D., 1958
 Lister, R.M., 1958
Petunia hybrida
 Harrison, B.D., 1958
 Lister, R.M., 1958
Phaseolus vulgaris
 Harrison, B.D., 1958
 Lister, R.M., 1958
Plantago spp.
 Harrison, B.D., 1958
Rubus idaeus
 Harrison, B.D., 1958
Taraxacum officinale
 Harrison, B.D., 1958
Trifolium spp.
 Harrison, B.D., 1958

V. RASPBERRY YELLOW MOSAIC Bennett 1927

- Rubus idaeus* var. *strigosus*
 Bennett, C.W., 1932
Rubus occidentalis
 Bennett, C.W., 1927, 1932
 Rankin, W. Howard, 1931

V. RED CLOVER MOSAIC *

- Cicer arietinum*
 Zaumeyer, W.J. and B.L. Wade, 1935
Lathyrus odoratus
 Doolittle, S.P. and F.R. Jones, 1925
 Zaumeyer, W.J. and B.L. Wade, 1935
Lens esculenta
 Zaumeyer, W.J. and B.L. Wade, 1935
Medicago arabica
 Elliott, J.A., 1921
Medicago lupulina
 Dickson, B.T., 1922
Melilotus alba
 Elliott, J.A., 1921
Phaseolus aureus
 Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus vulgaris
 Harrison, Arthur L., 1935
Pisum sativum
 Doolittle, S.P. and F.R. Jones, 1925
 Zaumeyer, W.J. and B.L. Wade, 1933, 1935, 1936
Trifolium hybridum
 Dickson, B.T., 1922
Trifolium incarnatum
 Dickson, B.T., 1922
Trifolium pratense
 Dickson, B.T., 1922
 Dickson, B.T. and G.P. McRostie, 1922
 Elliott, J.A., 1921
 Zaumeyer, W.J. and B.L. Wade, 1935
Trifolium repens
 Dickson, B.T., 1922
Vicia americana
 Zaumeyer, W.J. and B.L. Wade, 1935

VIRUS

V. RED CLOVER MOSAIC * (cont.)

Vicia faba

Elliott, J.A., 1921

Zaumeyer, W.J. and B.L. Wade, 1935, 1936

V. RED CLOVER VEIN MOSAIC Osborn 1937

Glycine max

Hagedorn, D.J., 1952

Lathyrus hirsutus

Hagedorn, D.J. and J.C. Walker, 1949, 1954

Lathyrus odoratus

Hagedorn, D.J. and E.W. Hanson, 1951

Hagedorn, D.J. and J.C. Walker, 1949, 1954

Osborn, H.T., 1937

Roberts, D.A., 1957

Lupinus angustifolius

Hagedorn, D.J. and J.C. Walker, 1949, 1954

Medicago lupulina

Graves, Clinton H., Jr. and D.J. Hagedorn, 1956

Melilotus alba

Graves, Clinton H., Jr. and D.J. Hagedorn, 1956

Hagedorn, D.J. and E.W. Hanson, 1951

Hagedorn, D.J. and J.C. Walker, 1949, 1954

Hanson, E.W. and D.J. Hagedorn, 1954, 1956

Osborn, H.T., 1937

Melilotus indica

Hagedorn, D.J. and E.W. Hanson, 1953

Melilotus officinalis

Graves, Clinton H., Jr. and D.J. Hagedorn, 1956

Hagedorn, D.J. and E.W. Hanson, 1957

Hagedorn, D.J. and J.C. Walker, 1949, 1954

Phaseolus vulgaris

Graves, Clinton H., Jr. and D.J. Hagedorn, 1956

Pisum sativum

Graves, Clinton H., Jr. and D.J. Hagedorn, 1956

Hagedorn, D.J., 1954

Hagedorn, D.J. and E.W. Hanson, 1951

Hagedorn, D.J. and J.C. Walker, 1949, 1954

Hanson, E.W. and D.J. Hagedorn, 1954

Osborn, H.T., 1937

Roberts, D.A., 1957

Pisum sativum var. *arvense*

Hagedorn, D.J. and J.C. Walker, 1949, 1954

Osborn, H.T., 1937

Trifolium hybridum

Graves, Clinton H., Jr. and D.J. Hagedorn, 1956

Hagedorn, D.J. and E.W. Hanson, 1951, 1953, 1957

Hagedorn, D.J. and J.C. Walker, 1949, 1954

Hanson, E.W. and D.J. Hagedorn, 1954, 1956

Osborn, H.T., 1937

Trifolium incarnatum

Hagedorn, D.J., 1952

Hagedorn, D.J. and E.W. Hanson, 1951, 1953, 1957

Hagedorn, D.J. and J.C. Walker, 1949, 1954

Hanson, E.W. and D.J. Hagedorn, 1954, 1956

Osborn, H.T., 1937

Trifolium pratense

Graves, Clinton H., Jr. and D.J. Hagedorn, 1956

Hagedorn, D.J., 1952

Hagedorn, D.J. and E.W. Hanson, 1951, 1953, 1957

Hagedorn, D.J. and J.C. Walker, 1949, 1954

Hanson, E.W. and D.J. Hagedorn, 1952, 1954, 1956

Osborn, H.T., 1937, 1938

Trifolium repens

Hagedorn, D.J. and E.W. Hanson, 1951

Hagedorn, D.J. and J.C. Walker, 1954

Osborn, H.T., 1937

Roberts, D.A., 1957

Trifolium repens var. *latum* *

Graves, Clinton H., Jr. and D.J. Hagedorn, 1956

Trigonella foenum-graecum

Hagedorn, D.J., 1952

Hagedorn, D.J. and J.C. Walker, 1949, 1954

Vicia atropurpurea

Hagedorn, D.J. and J.C. Walker, 1949, 1954

Vicia faba

Hagedorn, D.J. and E.W. Hanson, 1951

Osborn, H.T., 1937

Roberts, D.A., 1957

Vicia faba var. *minor* *

Hagedorn, D.J. and J.C. Walker, 1954

Vicia grandiflora

Hagedorn, D.J. and J.C. Walker, 1949, 1954

VIRUS

V. RED CLOVER VEIN MOSAIC (cont.)

Vicia monantha

Hagedorn, D.J. and J.C. Walker, 1949, 1954

Vicia sativa

Hagedorn, D.J. and J.C. Walker, 1949, 1954

V. RED Currant MOSAIC Hildebrand 1939

Ribes rubrum

Hildebrand, E.M., 1939

V. RED Currant Ring Spot Klessner 1951

Amaranthus tricolor

Klessner, P.J., 1951

Cucumis sativus

Klessner, P.J., 1951

Datura stramonium

Klessner, P.J., 1951

Lycopersicon esculentum

Klessner, P.J., 1951

Nicandra physalodes

Klessner, P.J., 1951

Nicotiana glauca

Klessner, P.J., 1951

Nicotiana glutinosa

Klessner, P.J., 1951

Nicotiana rustica

Klessner, P.J., 1951

Nicotiana sylvestris

Klessner, P.J., 1951

Nicotiana tabacum

Klessner, P.J., 1951

Petunia hybrida

Klessner, P.J., 1951

Physalis angulata

Klessner, P.J., 1951

Ribes rubrum

Klessner, P.J., 1951

Solanum muricatum

Klessner, P.J., 1951

Solanum nigrum

Klessner, P.J., 1951

Solanum nodiflorum

Klessner, P.J., 1951

Spinacea oleracea

Klessner, P.J., 1951

Tetragonia expansa

Klessner, P.J., 1951

Zinnia elegans

Klessner, P.J., 1951

V. RED RASPBERRY MOTTLE MOSAIC *

Rubus idaeus

Vaughan, Edward K. and Harold W. Wiedman, 1955

Rubus idaeus var. *strigosus*

Vaughan, Edward K. and Harold W. Wiedman, 1955

Rubus occidentalis

Vaughan, Edward K. and Harold W. Wiedman, 1955

V. RHUBARB MOSAIC *

Rheum officinale

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

Rumex obtusifolius

(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. RHUBARB RING SPOT *

Cucumis sativus

Vaughan, Edward K. and John W. Yale, Jr., 1953

Dianthus barbatus

Yale, John W., Jr. and Edward K. Vaughan, 1954

Fagopyrum esculentum

Vaughan, Edward K. and John W. Yale, Jr., 1953

Rheum rhaboticum

Vaughan, Edward K. and John W. Yale, Jr., 1953

Rumex crispus

Yale, John W., Jr. and Edward K. Vaughan, 1954

Vicia faba

Vaughan, Edward K. and John W. Yale, Jr., 1953

Vicia sativa

Yale, John W., Jr. and Edward K. Vaughan, 1954

- VIRUS**
- V. RHUBARB RING SPOT *** (cont.)
- Spinacia oleracea*
 - Vaughan, Edward K. and John W. Yale, Jr., 1953
 - Yale, John W., Jr. and Edward K. Vaughan, 1954
 - Vicia faba*
 - Vaughan, Edward K. and John W. Yale, Jr., 1953
 - Yale, John W., Jr. and Edward K. Vaughan, 1954
 - Zinnia elegans*
 - Vaughan, Edward K. and John W. Yale, Jr., 1953
 - Yale, John W., Jr. and Edward K. Vaughan, 1954
- V. RICE AND CORN LEAF GALL ***
- Coix lachryma-jobi*
 - Agati, Julian A. and Carlos A. Calica, 1950
 - Dactyloctenium aegyptium*
 - Agati, Julian A. and Carlos A. Calica, 1950
 - Eleusine indica*
 - Agati, Julian A. and Carlos A. Calica, 1950
 - Holcus halepensis*
 - Agati, Julian A. and Carlos A. Calica, 1950
 - Ischaemum rogusum*
 - Agati, Julian A. and Carlos A. Calica, 1950
 - Oryza minuta*
 - Agati, Julian A. and Carlos A. Calica, 1950
 - Oryza sativa*
 - Agati, Julian A. and Carlos Calica, 1949
 - Rottboellia exaltata*
 - Agati, Julian A. and Carlos Calica, 1950
 - Saccharum officinarum*
 - Agati, Julian A. and Carlos A. Calica, 1950
 - Sorghum vulgare*
 - Agati, Julian A. and Carlos A. Calica, 1950
 - Zea mays*
 - Agati, Julian A. and Carlos Calica, 1949
- V. RICE DWARF Fukushi 1931**
- Alopecurus fulvus*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Avena sativa*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Echinochloa crus-galli var. edulis*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Oryza sativa*
 - Agati, Julian A., Pedro L. Sison and Roman Abalos, 1941
 - Katsura, S., 1936
 - Panicum miliaceum*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Poa pratensis*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Secale cereale*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Triticum aestivum*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- V. ROBINIA BROOMING K. M. Smith 1957**
- Robinia pseudoacacia*
 - Grant, Theodore J., 1939
 - Hartley, C. and L. W. R. Jackson, 1933
 - Jackson, L. W. R. and C. Hartley, 1933
- V. ROSE COWL FORMING Klastersky 1951**
- Rosa spp.*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Tilia platyphyllos*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Tilia spp.*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- V. ROSE MOSAIC Weiss and McWhorter 1928**
- Citrullus vulgaris*
 - Fulton, Robert W., 1952
 - Convolvulus tricolor*
 - Fulton, Robert W., 1952
 - Crotalaria intermedia*
 - Fulton, Robert W., 1952
 - Cucumis sativus*
 - Fulton, Robert W., 1952
 - Cucurbita maxima*
 - Fulton, Robert W., 1952
 - Cucurbita pepo*
 - Fulton, Robert W., 1952
- VIRUS**
- V. ROSE MOSAIC (cont.)**
- Cyanopsis tetragonoloba*
 - Fulton, Robert W., 1952
 - Cynara cardunculus*
 - Fulton, Robert W., 1952
 - Dolichos biflorus*
 - Fulton, Robert W., 1952
 - Fragaria spp.*
 - Fulton, Robert W., 1952
 - Fragaria vesca*
 - Fulton, Robert W., 1952
 - Nerium oleander*
 - Fulton, Robert W., 1952
 - Nicotiana benthamiana*
 - Fulton, Robert W., 1952
 - Nicotiana forgetiana*
 - Fulton, Robert W., 1952
 - Nicotiana fragrans*
 - Fulton, Robert W., 1952
 - Nicotiana glutinosa*
 - Fulton, Robert W., 1952
 - Nicotiana occidentalis*
 - Fulton, Robert W., 1952
 - Nicotiana rustica*
 - Fulton, Robert W., 1952
 - Petunia hybrida*
 - Fulton, Robert W., 1952
 - Phaseolus aconitifolius*
 - Fulton, Robert W., 1952
 - Phaseolus aureus*
 - Fulton, Robert W., 1952
 - Phaseolus vulgaris*
 - Fulton, Robert W., 1952
 - Potentilla monspeliensis*
 - Fulton, Robert W., 1952
 - Potentilla recta*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Fulton, Robert W., 1952
 - Rosa canina*
 - Brierley, Philip and Floyd F. Smith, 1940
 - Rosa chinensis var. manetti*
 - Brierley, Philip and Floyd F. Smith, 1940
 - Nelson, R., 1930
 - Thomas, H. Earl and L. M. Massey, 1939
 - White, R. P., 1930, 1932
 - (Rosa chinensis x Rosa moschata) x Rosa foetida*
 - Nelson, R., 1930
 - Rosa hugonis*
 - Brierley, Philip and Floyd F. Smith, 1940
 - Rosa hybrid*
 - Thomas, H. Earl and L. M. Massey, 1939
 - Rosa multiflora*
 - Brierley, Philip and Floyd F. Smith, 1940
 - Fulton, Robert W., 1952
 - Thomas, H. Earl and L. M. Massey, 1939
 - White, R. P., 1930, 1932
 - Rosa multiflora x Rosa chinensis*
 - Brierley, Philip and Floyd F. Smith, 1940
 - Rosa noisettiana*
 - Brierley, Philip and Floyd F. Smith, 1940
 - Rosa nutkana*
 - Brierley, Philip and Floyd F. Smith, 1940
 - Rosa odorata*
 - Brierley, Philip and Floyd F. Smith, 1940
 - Nelson, R., 1930
 - Thomas, H. Earl and L. M. Massey, 1939
 - White, R. P., 1930, 1932, 1934
 - Rosa setigera*
 - Fulton, Robert W., 1952
 - Rosa spp.*
 - Brierley, Philip and Floyd F. Smith, 1940
 - Thomas, H. Earl and L. M. Massey, 1939
 - White, R. P., 1932
 - Rosa wightiana*
 - Brierley, Philip and Floyd F. Smith, 1940
 - Rubus parviflorus*
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 - Vigna sinensis*
 - Fulton, Robert W., 1952
 - Vinca rosea*
 - Fulton, Robert W., 1952

VIRUS

- V. ROSE ROSETTE Thomas and Scott 1953
Rosa californica
 Thomas, H. Earl and C. Emlen Scott, 1953
Rosa chinensis var. *manetti*
 Thomas, H. Earl and C. Emlen Scott, 1953
Rosa multiflora
 Thomas, H. Earl and C. Emlen Scott, 1953
Rosa nutkana
 Thomas, H. Earl and C. Emlen Scott, 1953
Rosa odorata
 Thomas, H. Earl and C. Emlen Scott, 1953
Rosa odorata var. *gigantea*
 Thomas, H. Earl and C. Emlen Scott, 1953
Rosa pisocarpa
 Thomas, H. Earl and C. Emlen Scott, 1953
Rosa rubrifolia
 Thomas, H. Earl and C. Emlen Scott, 1953
Rosa spinosissima
 Thomas, H. Earl and C. Emlen Scott, 1953

V. ROSE STREAK Brierley 1935

- Rosa canina*
 Brierley, Philip and Floyd F. Smith, 1940
Rosa hybrid
 Brierley, P., 1935
Rosa multiflora
 Brierley, Philip and Floyd F. Smith, 1940
Rosa multiflora x *Rosa chinensis*
 Brierley, Philip and Floyd F. Smith, 1940
Rosa noisettiana
 Brierley, Philip and Floyd F. Smith, 1940
Rosa nutkana
 Brierley, Philip and Floyd F. Smith, 1940
Rosa odorata
 Brierley, Philip and Floyd F. Smith, 1940
Rosa spp.
 Brierley, Philip and Floyd F. Smith, 1940
Rosa wichuraiana
 Brierley, Philip and Floyd F. Smith, 1940

V. ROSE WILT Grieve 1931

- Rosa spp.*
 (K. M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. ROSE YELLOW MOSAIC Brierley 1935

- Rosa canina*
 Brierley, Philip and Floyd F. Smith, 1940
Rosa chinensis var. *manetti*
 Brierley, Philip and Floyd F. Smith, 1940
 Thomas, H. Earl and L.M. Massey, 1939
Rosa rugosa
 Brierley, Philip and Floyd F. Smith, 1940
Rosa hybrid
 Thomas, H. Earl and L.M. Massey, 1939
Rosa multiflora
 Brierley, Philip and Floyd F. Smith, 1940
 Thomas, H. Earl and L.M. Massey, 1939
Rosa multiflora x *Rosa chinensis*
 Brierley, Philip and Floyd F. Smith, 1940
Rosa noisettiana
 Brierley, Philip and Floyd F. Smith, 1940
Rosa nutkana
 Brierley, Philip and Floyd F. Smith, 1940
Rosa odorata
 Brierley, Philip and Floyd F. Smith, 1940
 Thomas, H. Earl and L.M. Massey, 1939
Rosa spp.
 Brierley, Philip and Floyd F. Smith, 1940
 Thomas, H. Earl and L.M. Massey, 1939
Rosa wichuraiana
 Brierley, Philip and Floyd F. Smith, 1940

V. RUBUS STUNT Prentice 1950

- Rubus fruticosus*
 Prentice, I.W., 1951
Rubus idaeus
 Prentice, I.W., 1951
Rubus laciniatus
 Prentice, I.W., 1951
Rubus loganobaccus
 Prentice, I.W., 1951

VIRUS

- V. RUBUS YELLOW NET Stace-Smith 1955
Rubus albescens
 (K. M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Rubus occidentalis
 (K. M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Rubus procerus
 (K. M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Rubus strigosus
 (K. M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. RYEGRASS MOSAIC *

- Avena fatua*
 Bruehl, G.W., H. Toko and H.H. McKinney, 1957
Bromus commutatus
 Bruehl, G.W., H. Toko and H.H. McKinney, 1957
Bromus mollis
 Bruehl, G.W., H. Toko and H.H. McKinney, 1957
Bromus racemosus
 Bruehl, G.W., H. Toko and H.H. McKinney, 1957
Bromus secalinus
 Bruehl, G.W., H. Toko and H.H. McKinney, 1957
Bromus tectorum
 Bruehl, G.W., H. Toko and H.H. McKinney, 1957
Dactylis glomerata
 Bruehl, G.W., H. Toko and H.H. McKinney, 1957
Festuca elatior
 Bruehl, G.W., H. Toko and H.H. McKinney, 1957
Hordeum leporinum
 Bruehl, G.W., H. Toko and H.H. McKinney, 1957
Lolium multiflorum
 Bruehl, G.W., H. Toko and H.H. McKinney, 1957
Lolium perenne
 Bruehl, G.W., H. Toko and H.H. McKinney, 1957
Lolium remotum
 Bruehl, G.W., H. Toko and H.H. McKinney, 1957
Lolium temulentum
 Bruehl, G.W., H. Toko and H.H. McKinney, 1957
Triticum aestivum
 Bruehl, G.W., H. Toko and H.H. McKinney, 1957

V. SALVIA CHLOROSIS *

- Salvia coccinea*
 Verma, G.S. and A.K. Bose, 1955

V. SANDAL LEAF CURL MOSAIC Venkata Rao 1933

- Santalum album*
 (K. M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. SANDAL SPIKE

- Dodonaea viscosa*
 (K. M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Santalum album
 Iyengar, A.V. Varadaraja, 1938
 Narasimhan, M.J., 1928
Stachytarpheta indica
 (K. M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Vinca rosea
 (K. M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Zizyphus oenoplia
 (K. M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. SCAEVOLA FRUTESCENS RING SPOT *

- Scaevola frutescens*
 Jensen, D.D., 1949

V. SESAMUM PHYLLODY *

- Sesamum indicum*
 Pal, B.P. and Pushkar Nath, 1935
Sesamum occidentale *
 Vasudeva, R.S. and H.S. Sahambi, 1955
Sesamum orientale
 Vasudeva, R.S. and H.S. Sahambi, 1955

V. SOIL-BORNE OAT MOSAIC McKinney 1946, 1953

- Avena byzantina*
 McKinney, H.H., 1946
Avena sativa
 Hadden, S.J. and H.F. Harrison, 1955
 McKinney, H.H., 1946
 Moseman, J.G., U.R. Gore and H.H. McKinney,
 1953
Triticum aestivum
 McKinney, H.H., 1946

- VIRUS**
- V. SOIL-BORNE WHEAT MOSAIC McKinney 1925, 1953
- Hordeum sativum
 - McKinney, H.H., 1930
 - Hordeum vulgare
 - McKinney, H.H., 1948
 - Secale cereale
 - McKinney, H.H., 1925, 1930
 - Sill, W.J., Jr., 1955
 - Triticum aestivum
 - Bever, Wayne M. and J.W. Pendleton, 1954
 - Koehler, Benjamin, W.M. Bever and O.T. Bonnett, 1952
 - McKinney, H.H., 1925, 1947, 1948
 - Moseman, J.G., H.H. McKinney and C.W. Roane, 1954
 - Roane, C.W., T.M. Starling and H.H. McKinney, 1954
 - Wadsworth, D.F. and H.C. Young, Jr., 1953
 - Triticum compactum
 - McKinney, H.H., 1930
 - Triticum dicoccum
 - McKinney, H.H., 1930
 - Triticum durum
 - McKinney, H.H., 1930
 - Triticum monococcum
 - McKinney, H.H., 1930
 - Triticum polonicum
 - McKinney, H.H., 1930
 - Triticum spelta
 - McKinney, H.H., 1930, 1953
 - Wadsworth, D.F. and H.C. Young, Jr., 1953
 - Triticum turgidum
 - McKinney, H.H., 1930
 - Triticum vulgare
 - McKinney, H.H., 1930
- V. (SOUR) CHERRY YELLOWS Keitt and Clayton 1939, 1943
- Cucumis sativus
 - Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 - Willison, R.S., 1951
 - Cucurbita maxima
 - Milbrath, J.A., 1956
 - Prunus armeniaca
 - Moore, J. Duain and H.R. Cameron, 1956
 - Prunus avium
 - Cation, Donald, 1952
 - Richards, B.L. and L.C. Cochran, 1956
 - Prunus cerasus
 - Berkeley, G.H. and R.S. Willison, 1948
 - Cation, Donald, 1952
 - Fink, Harry C., 1955
 - Fulton, Robert W., 1956
 - Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 - Hildebrand, E.M., 1942, 1943, 1944
 - Hildebrand, E.M. and W.D. Mills, 1941
 - Keitt, G.W. and C.N. Clayton, 1939, 1940, 1941, 1943
 - Milbrath, J.A., 1957
 - Moore, J. Duain and H.R. Cameron, 1956
 - Moore, J. Duain and G.W. Keitt, 1944, 1946
 - Moore, J. Duain and D.A. Slack, 1952
 - Nyland, George, 1952
 - Rasmussen, E.J. and Donald Cation, 1942
 - Richards, B.L. and L.C. Cochran, 1956
 - Prunus domestica
 - Berkeley, G.H., 1947
 - Berkeley, G.H. and R.S. Willison, 1948
 - Hildebrand, E.M., 1944
 - Moore, J. Duain, 1951
 - Moore, J. Duain and H.R. Cameron, 1956
 - Richards, B.L. and L.C. Cochran, 1956
 - Prunus mahaleb
 - Berkeley, G.H. and R.S. Willison, 1948
 - Cation, Donald, 1949, 1952
 - Keitt, G.W. and C.N. Clayton, 1943
 - Rasmussen, E.J. and Donald Cation, 1942
 - Richards, B.L. and L.C. Cochran, 1956
 - Prunus pensylvanica
 - Keitt, G.W. and C.N. Clayton, 1943
 - Prunus persica
 - Berkeley, G.H., 1947
 - Berkeley, G.H. and R.S. Willison, 1948
 - Cation, Donald, 1949
 - Gilmer, R.M., K.D. Brase and K.G. Parker, 1957
 - Hildebrand, E.M., 1942, 1943, 1944
- VIRUS**
- V. (SOUR) CHERRY YELLOWS (cont.)
- Prunus persica
 - Rasmussen, E.J. and Donald Cation, 1942
 - Richards, B.L. and L.C. Cochran, 1956
 - Young, H.C., Jr., 1951
 - Prunus serotina
 - Keitt, G.W. and C.N. Clayton, 1943
 - Richards, B.L. and L.C. Cochran, 1956
 - Prunus tomentosa
 - Fink, Harry C., 1955
 - Young, H.C., Jr., 1951
 - Prunus virginiana
 - Keitt, G.W. and C.N. Clayton, 1943
 - Richards, B.L. and L.C. Cochran, 1956
 - Sesbania exaltata
 - Fulton, Robert W., 1956
- V. SOYBEAN MOSAIC Gardner and Kendrick 1921
- Glycine max
 - Conover, Robert A., 1948
 - Gardner, Max W. and James B. Kendrick, 1921
 - Kendrick, James B. and Max W. Gardner, 1924
 - Pierce, W.H., 1935
- V. SOYBEAN NEW DISEASE *
- Glycine max
 - Dunleavy, John, 1957
 - Melilotus alba
 - Dunleavy, John, 1957
 - Setaria viridis
 - Dunleavy, John, 1957
- V. SPARAXIS MOSAIC Smith and Brierley 1944
- Sparaxis spp.
 - Smith, Floyd F. and Philip Brierley, 1944
 - Tritonia crocata
 - Smith, Floyd F. and Philip Brierley, 1944
- V. SPINACH YELLOW DWARF Severin and Little 1947
- Spinacia oleracea
 - Severin, Henry H.P. and Donald H. Little, 1947
- V. SQUASH MOSAIC Middleton 1949
- Anthriscus cerefolium
 - Freitag, J.H., 1956
 - Citrullus vulgaris
 - Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 - Citrullus vulgaris var. citroides
 - Freitag, J.H., 1956
 - Coriandrum sativum
 - Freitag, J.H., 1956
 - Cucumis anguria
 - Freitag, J.H., 1956
 - Cucumis melo
 - Freitag, J.H., 1956
 - Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 - Cucumis sativus
 - Freitag, J.H., 1956
 - Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 - Cucurbita maxima
 - Freitag, J.H., 1941, 1952, 1956
 - Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 - Cucurbita mixta
 - Freitag, J.H., 1956
 - Cucurbita moschata
 - Freitag, J.H., 1956
 - Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 - Cucurbita pepo
 - Freitag, J.H., 1956
 - Middleton, John T., 1944
 - Cucurbita pepo var. melopepo
 - Freitag, J.H., 1956
 - Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 - Lagenaria siceraria (Lagenaria leucantha)
 - Freitag, J.H., 1956
 - Lathyrus odoratus
 - Freitag, J.H., 1956
 - Momordica charantia
 - Freitag, J.H., 1956
 - Phacelia campanularia
 - Freitag, J.H., 1956
 - Trichosanthes anguina
 - Freitag, J.H., 1956

VIRUS

V. SQUASH MOSAIC (SOUTHERN) Anderson 1951

- Citrullus vulgaris*
Anderson, C.W., 1951
- Cucumis sativus*
Anderson, C.W., 1951
- Cucurbita moschata*
Anderson, C.W., 1951
- Pisum sativum*
Freitag, J.H., 1956

V. STACHYTARPHETA CAYENNENSIS MOSAIC *

- Stachytarpheta cayennensis*
Jensen, D.D., 1949

V. (STANDARD) PRUNE CONSTRICTING MOSAIC Thomas and Rawlins 1951

- Prunus domestica*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Thomas, H. Earl and T.E. Rawlins, 1939
- Prunus persica*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Thomas, H. Earl and T.E. Rawlins, 1939

V. STOCK MOSAIC Tompkins 1939

- Matthiola incana*
Tompkins, C.M., 1934

V. STONE FRUIT *

- Cucumis sativus*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
Lindner, R.C., Hugh C. Kirkpatrick and T.E. Weeks, 1955
- Cucurbita maxima*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Plantago major*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Prunus americana*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Prunus avium*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Prunus cerasus*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Prunus domestica*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Prunus dumbarii*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Prunus glandulosa*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Prunus japonica*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Prunus maackii*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Prunus mahaleb*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Prunus padus*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Prunus pensylvanica*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Prunus pumila*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Prunus serotina*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Prunus virginiana*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954

V. STONE FRUIT NECROTIC RING SPOT *

- Cucumis sativus*
Gilmer, R.M., 1956
- Cucurbita pepo*
Willison, R.S., 1951
- Prunus armeniaca*
Moore, J. Duain and H.R. Cameron, 1956
- Prunus cerasus*
Moore, J. Duain and H.R. Cameron, 1956
- Prunus domestica*
Fridlund, Paul R., 1954
Moore, J. Duain and H.R. Cameron, 1956
- Prunus tomentosa*
Fridlund, Paul R., 1954
- Prunus virginiana*
Fridlund, Paul R., 1954

VIRUS

V. STONE FRUIT RING SPOT *

- Cucumis sativus*
Heinis, J.L., 1956
Heinis, J.L. and J.A. Milbrath, 1954
- Cucurbita maxima*
Milbrath, J.A., 1956
- Prunus armeniaca*
Richards, B.L. and L.C. Cochran, 1956
- Prunus avium*
Heinis, Julius L., 1956
Heinis, J.L. and J.A. Milbrath, 1954
Richards, B.L. and L.C. Cochran, 1956
- Prunus besseyi*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954

- Prunus cerasus*
Heinis, J.L. and J.A. Milbrath, 1954
Millikan, D.F., 1955
Richards, B.L. and L.C. Cochran, 1956
- Prunus domestica*
Richards, B.L. and L.C. Cochran, 1956
- Prunus mahaleb*
Heinis, J.L. and J.A. Milbrath, 1954
- Prunus persica*
Heinis, Julius L., 1956
Heinis, J.L. and J.A. Milbrath, 1954
Richards, B.L. and L.C. Cochran, 1956
- Prunus serrulata*
Heinis, Julius L., 1956
Heinis, J.L. and J.A. Milbrath, 1954
Richards, B.L. and L.C. Cochran, 1956

V. STRAWBERRY CRINKLE Zeller and Vaughan 1932

- Fragaria bracteata*
Frazier, Norman W., 1951
- Fragaria chiloensis*
Harris, R.V. and Mary E. King, 1942
Miller, P.W., 1951
Zeller, S.M., 1933
- Fragaria chiloensis* var. *ananassa*
Beaumont, A. and L.N. Staniland, 1945
Miller, P.W., 1952
Prentice, I.W., 1949, 1952
Vaughan, E.K., 1933
Zeller, S.M., 1933
- Fragaria cuneifolia*
Zeller, S.M., 1933
- Fragaria ovalis*
Miller, P.W., 1951
- Fragaria* spp.
Harris, R.V. and Mary E. King, 1942
Massee, A.M., 1942
- Fragaria vesca*
Demaree, J.B. and C.P. Marcus, 1951
Harris, R.V. and Mary E. King, 1942
Massee, A.M., 1942
Miller, P.W., 1951, 1952
Prentice, I.W., 1949, 1952
Prentice, I.W. and Tamsyn M. Woolacombe, 1951
Smith, Harlan E., 1952
Smith, Harlan E. and J. Duain Moore, 1952
- Fragaria vesca* var. *alpina* *
Miller, P.W., 1951

V. STRAWBERRY GREEN PETAL Posnette 1953

- Anagallis arvensis*
Frazier, N.W. and A.F. Posnette, 1957
- Anthemis cotula*
Frazier, N.W. and A.F. Posnette, 1957
- Callistephus chinensis*
Frazier, N.W. and A.F. Posnette, 1957
- Crotalaria juncea*
Rose, B.D. and S.D. Misra, 1938
- Duchesnea indica*
Frazier, N.W. and A.F. Posnette, 1957
- Erodium cicutarium*
Frazier, N.W. and A.F. Posnette, 1957
- Fragaria chiloensis* var. *ananassa*
Posnette, A.F., 1953
- Fragaria vesca*
Frazier, N.W. and A.F. Posnette, 1957
- Helenium* spp.
Frazier, N.W. and A.F. Posnette, 1957

- VIRUS**
- V. STRAWBERRY GREEN PETAL (cont.)
- Phaseolus vulgaris
 - Dana, B. F., 1947
 - Solanum tuberosum
 - Frazier, N. W. and A. F. Posnette, 1957
 - Trifolium incarnatum
 - Frazier, N. W. and A. F. Posnette, 1957
 - Trifolium pratense
 - Frazier, N. W. and A. F. Posnette, 1957
 - Trifolium repens
 - Frazier, N. W. and A. F. Posnette, 1957
- V. STRAWBERRY, ISOLATE I, MILD MOTTLE *
- Fragaria chiloensis var. ananassa
 - Rorie, Forest Gay, 1957
 - Fragaria vesca
 - Rorie, Forest Gay, 1957
- V. STRAWBERRY, ISOLATE II *
- Fragaria chiloensis var. ananassa
 - Rorie, Forest Gay, 1957
 - Fragaria vesca
 - Rorie, Forest Gay, 1957
- V. STRAWBERRY LATENT Frazier 1953
- Fragaria bracteata
 - Frazier, Norman W., 1953
 - Fragaria chiloensis
 - Miller, P. W., 1951
 - Fragaria chiloensis var. ananassa
 - McGrew, J. R., 1956
 - Fragaria ovalis
 - Miller, P. W., 1951
 - Fragaria vesca
 - Frazier, Norman W., 1953
 - McGrew, J. R., 1956
- V. STRAWBERRY LEAF BURN *
- Fragaria spp.
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- V. STRAWBERRY LEAF ROLL Berkeley and Plakidas
- Fragaria virginiana
 - Berkeley, G. H. and A. G. Plakidas, 1942
- V. STRAWBERRY MILD MOTTLE *
- Fragaria chiloensis var. ananassa
 - McGrew, J. R., 1956
 - Fragaria vesca
 - McGrew, J. R., 1956
- V. STRAWBERRY MILD YELLOW EDGE Prentice 1948
- Fragaria chiloensis var. ananassa
 - Prentice, I. W., 1952
 - Fragaria vesca
 - Prentice, I. W., 1952
- V. STRAWBERRY MOSAIC Brandes 1920
- Fragaria spp.
 - (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- V. STRAWBERRY MOTTLE Prentice 1952
- Asclepias syriaca
 - Smith, Harlan E. and J. Duain Moore, 1952
 - Fragaria chiloensis var. ananassa
 - Mellor, Frances C. and R. E. Fitzpatrick, 1952
 - Prentice, Ian W., 1948, 1952
 - Scott, D. H., D. P. Ink, George M. Darrow and C. P. Marcus, 1952
 - Fragaria vesca
 - Demaree, J. B. and C. P. Marcus, 1951
 - Prentice, Ian W., 1948, 1952
 - Scott, D. H., D. P. Ink, George M. Darrow and C. P. Marcus, 1952
 - Smith, Harlan E., 1952
 - Smith, Harlan E. and J. Duain Moore, 1952
 - Stubbs, L. L., 1957
 - Fragaria vesca subsp. californica
 - Thomas, Harold E., 1949
 - Potentilla simplex
 - Demaree, J. B. and C. P. Marcus, 1951
- VIRUS**
- V. STRAWBERRY STUNT Zeller and Weaver 1941
- Fragaria chiloensis var. ananassa
 - Skiles, R. L. and T. H. King, 1952
 - Zeller, S. M. and L. E. Weaver, 1941
 - Fragaria vesca
 - Skiles, R. L. and T. H. King, 1952
- V. STRAWBERRY, TYPE 2 *
- Fragaria chiloensis var. ananassa
 - Braun, Alvin J., 1955
 - Fulton, R. H., 1954
 - Fragaria vesca
 - Braun, Alvin J., 1955
 - Demaree, J. B. and C. P. Marcus, 1951
 - Fulton, R. H., 1954
 - Smith, Harlan E., 1952
 - Smith, Harlan E. and J. Duain Moore, 1952
 - Fragaria vesca subsp. californica
 - Thomas, Harold E., 1949
 - Potentilla simplex
 - Demaree, J. B. and C. P. Marcus, 1951
- V. STRAWBERRY VEINBANDING Frazier 1955
- Fragaria californica
 - Frazier, Norman W., 1955
 - Fragaria chiloensis var. ananassa
 - Frazier, Norman W., 1955
 - Fragaria vesca
 - Frazier, Norman W., 1955
- V. STRAWBERRY VEIN CHLOROSIS Prentice 1952
- Fragaria chiloensis var. ananassa
 - Prentice, I. W., 1952
 - Fragaria vesca
 - Prentice, I. W., 1952
- V. STRAWBERRY WITCHES' BROOM Zeller 1927
- Fragaria chiloensis var. ananassa
 - Mellor, Frances C. and R. E. Fitzpatrick, 1952
 - Prentice, Ian W., 1948
 - Zeller, S. M., 1927
 - Fragaria vesca
 - Prentice, Ian W., 1948
- V. STREPTANTHERA MOSAIC Smith and Brierley 1944
- Streptanthera cuprea
 - Smith, Floyd F. and Philip Brierley, 1944
 - Tritionia crocata
 - Smith, Floyd F. and Philip Brierley, 1944
- V. SUBTERRANEAN CLOVER, APHID-TRANSMITTED *
- Trifolium subterraneum
 - Grylls, N. E. and F. C. Butler, 1956
- V. SUBTERRANEAN CLOVER MOSAIC Aitken and Grieve
- Glycine max
 - Aitken, Y. and B. J. Grieve, 1943
 - Lathyrus odoratus
 - Aitken, Y. and B. J. Grieve, 1943
 - Lupinus angustifolius
 - Aitken, Y. and B. J. Grieve, 1943
 - Lupinus hirsutus
 - Aitken, Y. and B. J. Grieve, 1943
 - Lupinus luteus
 - Aitken, Y. and B. J. Grieve, 1943
 - Lupinus varius
 - Aitken, Y. and B. J. Grieve, 1943
 - Medicago arabica
 - Aitken, Y. and B. J. Grieve, 1943
 - Medicago hispida var. denticulata *
 - Aitken, Y. and B. J. Grieve, 1943
 - Medicago lupulina
 - Aitken, Y. and B. J. Grieve, 1943
 - Medicago tribuloides
 - Aitken, Y. and B. J. Grieve, 1943
 - Melilotus alba
 - Aitken, Y. and B. J. Grieve, 1943
 - Melilotus indica
 - Aitken, Y. and B. J. Grieve, 1943
 - Phaseolus lunatus f. macrocarpus
 - Aitken, Y. and B. J. Grieve, 1943
 - Phaseolus vulgaris
 - Aitken, Y. and B. J. Grieve, 1943

VIRUS

V. SUBTERRANEAN CLOVER MOSAIC (cont.)

- Pisum sativum*
 Aitken, Y. and B.J. Grieve, 1943
Trifolium angustifolium
 Aitken, Y. and B.J. Grieve, 1943
Trifolium glomeratum
 Aitken, Y. and B.J. Grieve, 1943
Trifolium hybridum
 Aitken, Y. and B.J. Grieve, 1943
Trifolium incarnatum
 Aitken, Y. and B.J. Grieve, 1943
Trifolium minus
 Aitken, Y. and B.J. Grieve, 1943
Trifolium pratense
 Aitken, Y. and B.J. Grieve, 1943
Trifolium striatum
 Aitken, Y. and B.J. Grieve, 1943
Trigonella foenum-graecum
 Aitken, Y. and B.J. Grieve, 1943
Trigoneilla ornithopodioides
 Aitken, Y. and B.J. Grieve, 1943
Vicia faba var. *major* *
 Aitken, Y. and B.J. Grieve, 1943
Vicia faba var. *minor* *
 Aitken, Y. and B.J. Grieve, 1943

V. SUGARCANE CHLOROTIC STREAK Abbott and Ingram

- Saccharum officinarum* 1942
 Abbott, E.V., 1945, 1947
 Abbott, E.V. and J.W. Ingram, 1942
 Adsuar, Jose, 1946

V. SUGARCANE DWARF Bell 1932; Storey 1936

- Saccharum officinarum*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. SUGARCANE FIJI DISEASE ((Muir 1910)) Kunkel 1924; Ocfemia 1932; Montgomery and Bell 1933

- Saccharum officinarum*
 Ocfemia, Gerardo Offimaria, 1934
 Ocfemia, Gerardo Offimaria and Martin S. Celino, 1939
 Ocfemia, G.O., Evaristo A. Hurtado and Crispiniano C. Hernandez, 1933

V. SUGARCANE GREEN MOSAIC *

- Saccharum officinarum*
 Forbes, I.L. and P.J. Mills, 1942

V. SUGARCANE MOSAIC Brandes 1920

- Andropogon sorghum*
 Lawas, Orcencio M. and William L. Fernandez, 1949
Andropogon sorghum var. *virgatus* *
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Brachiaria platyphylla
 Brandes, E.W. and Peter J. Klaphaak, 1923
Cymbopogon nardus
 Costa, A.S. and M.P. Penteado, 1951
 Lawas, Orcencio M. and William L. Fernandez, 1949
Dactyloctenium aegyptium
 Lawas, Orcencio M. and William L. Fernandez, 1949
Digitaria corymbosa
 Lawas, Orcencio M. and William L. Fernandez, 1949
Digitaria sanguinalis
 Ingram, J.W. and E.M. Summers, 1938
Echinochloa colonum
 Chardon, C.E. and R.A. Veve, 1923
Echinochloa crus-galli
 Brandes, E.W. and Peter J. Klaphaak, 1923
Eleusine indica
 Chardon, C.E. and R.A. Veve, 1923
 Lawas, Orcencio M. and William L. Fernandez, 1949
Eragrostis amabilis
 Lawas, Orcencio M. and William L. Fernandez, 1949
Euchlaena mexicana
 Chona, B.L. and S.A. Rafay, 1950
Gynerium sagittatum
 Abbott, E.V., 1930
Holcus halepensis
 Lawas, Orcencio M. and William L. Fernandez, 1949
Holcus sorghum
 Adsuar, Jose, 1950, 1954
 Brandes, E.W. and Peter J. Klaphaak, 1923

VIRUS

V. SUGARCANE MOSAIC (cont.)

- Misanthus sinensis*
 Brandes, E.W. and Peter J. Klaphaak, 1923
Musa textilis
 Lawas, Orcencio M. and William L. Fernandez, 1949
Panicum dichotomiflorum
 Brandes, E.W., 1920
 Brandes, E.W. and Peter J. Klaphaak, 1923
Paspalum boscianum
 Brandes, E.W. and Peter J. Klaphaak, 1923
Paspalum conjugatum
 Lawas, Orcencio M. and William L. Fernandez, 1949
Pennisetum glaucum
 Brandes, E.W. and Peter J. Klaphaak, 1923
Pennisetum purpureum
 Bruehl, G.W., 1953
Saccharum narenga
 Brandes, E.W. and Peter J. Klaphaak, 1923
Saccharum officinarum
 Abbott, E.V., 1929, 1931, 1949, 1952
 Adsuar, Jose, 1950, 1954
 Brandes, E.W., 1920
 Brandes, E.W. and Peter J. Klaphaak, 1923
 Bruehl, George W., 1953, 1954
 Chardon, C.E. and R.A. Veve, 1923
 Chona, B.L. and S.A. Rafay, 1950
 Costa, A.S. and M.P. Penteado, 1951
 Edgerton, C.W., I.L. Forbes and P.J. Mills, 1937
 Edgerton, C.W. and W.G. Taggart, 1924
 Forbes, I.L. and Jean Dufrénoy, 1943
 Forbes, I.L. and P.J. Mills, 1943, 1945
 Gonzales-Rios, P. and J. Adsuar, 1953
 Ingram, J.W., 1936
 Ingram, J.W. and E.M. Summers, 1938
 Kunkel, L.O., 1927
 Luthra, Jai Chand and Abdus Sattar, 1935
 Matz, Julius, 1933, 1934
 McKinney, H.H., 1929
 Ocfemia, G.O., 1932
 Ocfemia, G.O., Evaristo A. Hurtado and Crispiniano C. Hernandez, 1933
 Sein, Francisco, Jr., 1930
 Storey, H.H., 1929
 Summers, E.M., 1934
 Tate, H.D. and S.R. Vandenberg, 1939
 Tims, E.C., 1935
 Tims, E.C. and C.W. Edgerton, 1931, 1932
 Tims, E.C., P.J. Mills and C.W. Edgerton, 1935
Setaria lutescens
 Brandes, E.W., 1920
 Brandes, E.W. and Peter J. Klaphaak, 1923
Setaria sulcata
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
(Chaetochloa) magna
 Brandes, E.W. and Peter J. Klaphaak, 1923
Sorghum arundinaceum
 Storey, H.H., 1929
Sorghum spp.
 Storey, H.H., 1929
Sorghum vulgare
 Costa, A.S. and M.P. Penteado, 1951
 Chona, B.L. and S.A. Rafay, 1950
Sorghum vulgare var. *saccharatum*
 Brandes, E.W., 1920
 Matz, Julius, 1933
Syntherisma sanguinalis
 Brandes, E.W., 1920
 Brandes, E.W. and Peter J. Klaphaak, 1923
 Chardon, C.E. and R.A. Veve, 1923
Tripsacum laxum
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Zea mays
 Brandes, E.W., 1920
 Brandes, E.W. and Peter J. Klaphaak, 1923
 Chona, B.L. and S.A. Rafay, 1950
 Costa, A.S. and M.P. Penteado, 1951
 Lawas, Orcencio M. and William L. Fernandez, 1949
 Storey, H.H., 1929
 Tims, E.C., P.J. Mills and C.W. Edgerton, 1935

VIRUS

- V. SUGARCANE RATOON STUNTING Steindl and Hughes
Saccharum officinarum 1953
 Bruehl, G.W., 1955
 Steib, R.J., I.L. Forbes and S.J.P. Chilton, 1957
- V. SUGARCANE SEREH DISEASE Kunkel 1928
Saccharum officinarum
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. SUGARCANE STREAK Storey 1925
Eleusine indica
 Storey, H.H. and A.P.D. McClean, 1930
Saccharum officinarum
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Saccharum spp.
 Storey, H.H. and A.P.D. McClean, 1930
Zea mays
 Storey, H.H. and A.P.D. McClean, 1930
- V. SUGARCANE YELLOW MOSAIC *
Saccharum officinarum
 Forbes, I.L. and P.J. Mills, 1942
- V. SUNFLOWER MOSAIC Traversi 1949
Nicotiana tabacum
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Zea mays
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. SWEET CLOVER NEW *
Nicotiana tabacum
 Henderson, R.G., 1934
Petunia hybrida
 Henderson, R.G., 1934
- V. SWEET PEA MOSAIC *
Lathyrus odoratus
 Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus vulgaris
 Zaumeyer, W.J., 1933
 Zaumeyer, W.J. and B.L. Wade, 1933, 1935
Pisum sativum
 Doolittle, S.P. and F.R. Jones, 1925
Trifolium pratense
 Doolittle, S.P. and F.R. Jones, 1925
- V. SWEET POTATO A
Ipomoea batata
 Sheffield, F.M.L., 1957
- V. SWEET POTATO B, STRAINS 1, 2, 3, 4, 5 *
Ipomoea batata
 Sheffield, F.M.L., 1957
- V. SWEET POTATO FEATHERY MOTTLE Doolittle and
Calonyction aculeatum Harter 1945
 Webb, Raymon E., 1954
Ipomoea batata
 Webb, Raymon E., 1954
 Webb, R.E. and R.H. Larson, 1954
Ipomoea purpurea
 Webb, R.E., 1954
Merremia sibirica
 Webb, Raymon E., 1954
Quamoclit lobata
 Webb, Raymon E., 1954
- V. SWEET POTATO FOLIAGE-SPOTTING DISEASE *
Calonyction aculeatum
 Holmes, Francis O., 1956
Ipomoea batata
 Holmes, Francis O., 1956
Ipomoea tricolor
 Holmes, Francis O., 1956
- V. SWEET POTATO INTERNAL CORK Nusbaum 1947
Ipomoea batata
 Aycock, Robert and Morris B. Hughes, 1952
 Feazell, George D., 1953
 Hildebrand, E.M., 1956, 1957
 Hildebrand, E.M. and F.F. Smith, 1956
 Martin, W.J., 1950, 1955
 Nielsen, L.W., 1956

VIRUS

- V. SWEET POTATO INTERNAL CORK (cont.)
- Ipomoea batata*
 Nielsen, L.W. and L.H. Person, 1954
 Nusbaum, C.J., 1947, 1950
 Rankin, H.W., 1950
 Williams, A.S., 1954
- Ipomoea hederacea*
 Hildebrand, E.M. and H.A. Borthwick, 1956
- Ipomoea purpurea*
 Hildebrand, E.M., 1956
 Hildebrand, E.M. and H.A. Borthwick, 1956
 Hildebrand, E.M. and F.F. Smith, 1956
- Pharbitis diversifolia**
 Hildebrand, E.M. and H.A. Borthwick, 1956
 Hildebrand, E.M. and F.F. Smith, 1956
- Pharbitis hederacea*
 Hildebrand, E.M. and H.A. Borthwick, 1956
- V. SWEET POTATO MOSAIC Sheffield 1953
Capsicum frutescens (*Capsicum annuum*)
 Elmer, O.H., 1957
- Gomphrena globosa*
 Elmer, O.H., 1957
- Ipomoea batata*
 Adsuar, Jose, 1955
 Borders, H.I. and T.J. Ratcliff, 1954
 Elmer, O.H., 1957
 Rosen, H.R., 1926
- Ipomoea rubra*
 Adsuar, Jose, 1955
- Lycopersicon esculentum*
 Elmer, O.H., 1957
- Nicotiana glutinosa*
 Elmer, O.H., 1957
- Nicotiana rustica*
 Elmer, O.H., 1957
- Nicotiana tabacum*
 Elmer, O.H., 1957
- Petunia hybrida*
 Elmer, O.H., 1957
- Solanum melongena*
 Elmer, O.H., 1957
- Vinca minor*
 Elmer, O.H., 1957
- Zinnia elegans*
 Elmer, O.H., 1957
- V. TABEBUIA WITCHES' BROOM Cook 1938
Tabebuia pallida
 Cook, M.T., 1937, 1938
- V. TEA PHLOEM NECROSIS Bond 1944
*Camellia thea**
 Bond, T.E.T., 1944
Thea sinensis (*Camellia sinensis*)
 Bond, T.E.T., 1947
- V. TEASEL MOSAIC Stoner 1951
Dipsacus fullonum
 Stoner, Warren N., 1951
- Scabiosa atropurpurea*
 Stoner, Warren N., 1951
- V. TIGRIDIA MOSAIC Smith and Brierley 1944
Tigridia pavonia
 Smith, Floyd F. and Philip Brierley, 1944
Tritonia crocata
 Smith, Floyd F. and Philip Brierley, 1944
- V. TITHONIA ROTUNDIFOLIA MOSAIC *
Tithonia rotundifolia
 Cook, M.T., 1936
- V. TROPAEOLUM MOSAIC Jensen 1950
Nicotiana glutinosa
 Silberschmidt, Karl, 1953
- Nicotiana tabacum*
 Silberschmidt, Karl, 1953
- Tropaeolum majus*
 Jensen, D.D., 1950
- Silberschmidt, Karl, 1953*
- Zinnia elegans*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Silberschmidt, Karl, 1953*

VIRUS

- V. TROPAEOLUM RING SPOT K. M. Smith 1957
Nicotiana glutinosa
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
Nicotiana tabacum
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
Petunia spp.
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
Tropaeolum majus
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
Vicia faba
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- V. (TUNG) ROUGH BARK *
Aleurites fordii
 Large, John R., 1949
- V. TOBACCO BERGERAC RING SPOT Smith 1937
Datura stramonium
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
Lycopersicon esculentum
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
Nicotiana glutinosa
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
Nicotiana tabacum
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
Phaseolus vulgaris
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- V. TOBACCO BROAD RING SPOT J. Johnson and Fulton
Acalypha virginica 1940
 Johnson, James and Robert W. Fulton, 1942
Amaranthus paniculatus
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
Amaranthus retroflexus
 Johnson, James and Robert W. Fulton, 1942
Antirrhinum majus
 Johnson, James and Robert W. Fulton, 1942
Apium graveolens
 Johnson, James and Robert W. Fulton, 1942
Brassica kaber (*Brassica arvensis*)
 Johnson, James and Robert W. Fulton, 1942
Brassica nigra
 Johnson, James and Robert W. Fulton, 1942
Brassica oleracea
 Johnson, James and Robert W. Fulton, 1942
Brassica oleracea var. *capitata*
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
Calendula officinalis
 Johnson, James and Robert W. Fulton, 1942
Callistephus chinensis
 Johnson, James and Robert W. Fulton, 1942
Capsella bursa-pastoris
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 Johnson, James and Robert W. Fulton, 1942
Chenopodium album
 Johnson, James and Robert W. Fulton, 1942
Chenopodium spp.
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
Cucumis sativus
 Johnson, James and Robert W. Fulton, 1940, 1942
Cucurbita maxima
 Johnson, James and Robert W. Fulton, 1942
Cynoglossum amabile
 Johnson, James and Robert W. Fulton, 1942
Datura stramonium
 Johnson, James and Robert W. Fulton, 1942
Delphinium spp.
 Johnson, James and Robert W. Fulton, 1942
Dolichos lablab
 Johnson, James and Robert W. Fulton, 1942
Fagopyrum esculentum
 Johnson, James and Robert W. Fulton, 1942
Hibiscus esculentus
 Johnson, James and Robert W. Fulton, 1942
Lycopersicon esculentum
 Johnson, James and Robert W. Fulton, 1942
Mollugo verticillata
 Holmes, Francis O., 1946
Nicandra physalodes
 Johnson, James and Robert W. Fulton, 1942
Nicotiana glutinosa
 Johnson, James and Robert W. Fulton, 1942
Nicotiana rustica
 Johnson, James and Robert W. Fulton, 1942

VIRUS

- V. TOBACCO BROAD RING SPOT (cont.)
Nicotiana sylvestris
 Johnson, James and Robert W. Fulton, 1942
Nicotiana tabacum
 Fulton, Robert W., 1941
 Johnson, James and Robert W. Fulton, 1940, 1942
Nicotiana tabacum var. *angustifolia*
 Johnson, James and Robert W. Fulton, 1942
Petunia violacea
 Johnson, James and Robert W. Fulton, 1942
Phaseolus vulgaris
 Johnson, James and Robert W. Fulton, 1942
Physalis spp.
 Johnson, James and Robert W. Fulton, 1942
Pisum sativum
 Johnson, James and Robert W. Fulton, 1942
Portulaca oleracea
 Johnson, James and Robert W. Fulton, 1942
Rumex crispus
 Johnson, James and Robert W. Fulton, 1942
Solanum melongena
 Johnson, James and Robert W. Fulton, 1942
Solanum nigrum
 Johnson, James and Robert W. Fulton, 1942
Solanum tuberosum
 Johnson, James and Robert W. Fulton, 1942
Spinacia oleracea
 Johnson, James and Robert W. Fulton, 1942
Trifolium incarnatum
 Johnson, James and Robert W. Fulton, 1942
Tropaeolum majus
 Johnson, James and Robert W. Fulton, 1942
Vigna sinensis
 Johnson, James and Robert W. Fulton, 1942
Zinnia elegans
 Johnson, James and Robert W. Fulton, 1942
- V. TOBACCO BROKEN RING SPOT Smith and Markham 1944
Cucumis sativus
 Smith, Kenneth M. and Roy Markham, 1944
Nicotiana glutinosa
 Smith, Kenneth M. and Roy Markham, 1944
Nicotiana tabacum
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 Smith, Kenneth M. and Roy Markham, 1944
Phaseolus vulgaris
 Smith, Kenneth M. and Roy Markham, 1944
- V. TOBACCO COARSE ETCH E. M. Johnson 1930
Datura stramonium
 Johnson, E. M., 1930
Nicandra physalodes
 Johnson, E. M., 1930
Nicotiana rustica
 Johnson, E. M., 1930
Nicotiana tabacum
 Johnson, E. M., 1930
Physalis heterophylla var. *nyctaginea*
 Johnson, E. M., 1930
Physalis pubescens
 Johnson, E. M., 1930
Phytolacca decandra
 Johnson, E. M., 1930
Solanum melongena var. *esculentum*
 Johnson, E. M., 1930
- V. TOBACCO ETCH E. M. Johnson 1930
Brachycome iberidifolia
 Holmes, Francis O., 1946
Browallia speciosa
 Holmes, Francis O., 1946
Callistephus chinensis
 Holmes, Francis O., 1946
Campanula drabifolia
 Holmes, Francis O., 1946
Capsicum frutescens (*Capsicum annuum*)
 Anderson, C. W., 1954
 Anderson, C. W. and M. K. Corbett, 1957
Doolittle, S. P., 1946
Greenleaf, W. H., 1953, 1956
Holmes, Francis O., 1942, 1946
 Johnson, E. M., 1930

VIRUS

- V. TOBACCO ETCH (cont.)
Capsicum microcarpum
 Greenleaf, W.H., 1953
Capsicum pendulum
 Greenleaf, W.H., 1953
Cassia tora
 Anderson, C.W., 1954
Celosia argentea
 Holmes, Francis O., 1946
Charieis heterophylla
 Holmes, Francis O., 1946
Chenopodium album
 Greenleaf, W.H., 1953
Chenopodium amaranticolor
 Hollings, M., 1956
Collinsia bicolor
 Holmes, Francis O., 1946
Cuscuta californica
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Cymbalaria muralis
 Holmes, Francis O., 1946
Datura ferox
 Greenleaf, W.H., 1956
Datura meteloides
 Bennett, C.W., 1944
Datura stramonium
 Anderson, C.W. and M.K. Corbett, 1957
 Bawden, F.C. and B. Kassanis, 1941
 Bennett, C.W., 1944
 Fulton, Robert W., 1941
 Greenleaf, W.H., 1956
 Holmes, Francis O., 1942, 1946
 Johnson, E.M., 1930
Dimorphotheca aurantiaca
 Holmes, Francis O., 1946
Emmenanthe penduliflora
 Holmes, Francis O., 1946
Eupatorium lasseauxii
 Holmes, Francis O., 1946
Gamolepis tagetes
 Holmes, Francis O., 1946
Gomphrena globosa
 Greenleaf, W.H., 1953
Gypsophila elegans
 Holmes, Francis O., 1946
Helipterum humboldtianum
 Holmes, Francis O., 1946
Hyoscyamus niger
 Bawden, F.C. and B. Kassanis, 1941
Indigofera hirsuta
 Anderson, C.W. and M.K. Corbett, 1957
Lamium amplexicaule
 Holmes, Francis O., 1946
Linaria maroccana
 Holmes, Francis O., 1946
Lobelia gracilis
 Holmes, Francis O., 1946
Lobelia inflata
 Holmes, Francis O., 1946
Lobelia tenuior
 Holmes, Francis O., 1946
Lycium chinense
 Holmes, Francis O., 1946
Lycopersicon esculentum
 Anderson, C.W., 1954
 Bawden, F.C. and B. Kassanis, 1941
 Bennett, C.W., 1944
 Doolittle, S.P. and L.J. Alexander, 1951
 Fulton, Robert W., 1941
 Holmes, Francis O., 1942, 1946
 Johnson, E.M., 1930
 MacNeill, Blair H., 1955
 Valleau, W.D. and E.M. Johnson, 1930
Lycopersicon hirsutum
 Holmes, Francis O., 1946
Lycopersicon peruvianum
 Holmes, Francis O., 1946
Lycopersicon pimpinellifolium
 Holmes, Francis O., 1946
Nemophila maculata
 Holmes, Francis O., 1946
Nemophila menziesii subsp. *insignis*
 Holmes, Francis O., 1946

VIRUS

- V. TOBACCO ETCH (cont.)
Nicandra physalodes
 Fulton, Robert W., 1941
 Holmes, Francis O., 1946
 Johnson, E.M., 1930
Nicotiana acuminata
 Holmes, Francis O., 1946
Nicotiana alata
 Holmes, Francis O., 1946
Nicotiana bigelovii
 Holmes, Francis O., 1946
Nicotiana bonariensis
 Holmes, Francis O., 1946
Nicotiana caudigera
 Holmes, Francis O., 1946
Nicotiana clevelandii
 Holmes, Francis O., 1946
Nicotiana digluta *
 Holmes, Francis O., 1946
Nicotiana glauca
 Holmes, Francis O., 1946
Nicotiana glutinosa
 Anderson, C.W., 1954
 Fulton, Robert W., 1941
 Holmes, Francis O., 1942, 1946
Nicotiana langsdorffii
 Holmes, Francis O., 1946
Nicotiana longiflora
 Holmes, Francis O., 1946
Nicotiana nudicaulis
 Holmes, Francis O., 1946
Nicotiana paniculata
 Holmes, Francis O., 1946
Nicotiana plumbaginifolia
 Holmes, Francis O., 1946
Nicotiana repanda
 Holmes, Francis O., 1946
Nicotiana rustica
 Holmes, Francis O., 1946
 Johnson, E.M., 1930
Nicotiana sanderae
 Holmes, Francis O., 1946
Nicotiana solanifolia
 Holmes, Francis O., 1946
Nicotiana spp.
 Bawden, F.C. and B. Kassanis, 1941
Nicotiana sylvestris
 Holmes, Francis O., 1946
Nicotiana tabacum
 Anderson, C.W., 1954
 Bawden, F.C. and B. Kassanis, 1941
 Bennett, C.W., 1944
 Doncaster, J.P. and B. Kassanis, 1946
 Fulton, Robert W., 1941
 Holmes, Francis O., 1941, 1942, 1946
 Johnson, E.M., 1930
 Price, W.C., 1936
 Stover, R.H., 1951
 Valleau, W.D., 1935
Nicotiana tomentosa
 Holmes, Francis O., 1946
Nicotiana trigonophylla
 Holmes, Francis O., 1946
Nicotiana undulata
 Holmes, Francis O., 1946
Nierembergia hippomanica
 Holmes, Francis O., 1946
Nolana lanceolata
 Holmes, Francis O., 1946
Penstemon grandiflorus
 Holmes, Francis O., 1946
Petunia hybrida
 Holmes, Francis O., 1946
Petunia violacea
 Fulton, Robert W., 1941
Phacelia campanularia
 Holmes, Francis O., 1946
Phacelia ciliata
 Holmes, Francis O., 1946
Phacelia viscidula
 Holmes, Francis O., 1946
Phacelia whitavia (*Whitavia grandiflora*)
 Holmes, Francis O., 1946

VIRUS

V. TOBACCO ETCH (cont.)

- Physalis alkekengi*
Holmes, Francis O., 1946
Physalis angulata
Holmes, Francis O., 1946
Physalis floridana
Greenleaf, W.H., 1953
Physalis heterophylla var. *nyctaginea*
Johnson, E.M., 1930
Physalis ixocarpa
Greenleaf, W.H., 1953
Physalis peruviana
Anderson, C.W., 1954
Costa, A.S., 1944
Holmes, Francis O., 1941, 1942, 1946
Physalis pruinosa
Anderson, C.W., 1954
Physalis pubescens
Johnson, E.M., 1930
Physalis subglabrata
Holmes, Francis O., 1943, 1946
Portulaca oleracea
Holmes, Francis O., 1946
Primula malacoides
Holmes, Francis O., 1946
Proboscidea louisianae
Holmes, Francis O., 1946
Salpiglossis sinuata
Holmes, Francis O., 1946
Schizanthus pinnatus
Holmes, Francis O., 1946
Silene anglica
Holmes, Francis O., 1946
Solanum capsicastrum
Holmes, Francis O., 1946
Solanum carolinense
Greenleaf, W.H., 1953
Johnson, E.M., 1930
Solanum integrifolium
Greenleaf, W.H., 1953
Holmes, Francis O., 1946
Solanum melongena
Holmes, Francis O., 1946
Solanum nigrum
Anderson, C.W. and M.K. Corbett, 1957
Fulton, Robert W., 1941
Holmes, Francis O., 1946
Solanum pseudocapsicum
Greenleaf, W.H., 1953
Solanum tuberosum
Holmes, Francis O., 1946
Tetragonia expansa
Holmes, Francis O., 1946
Torenia fournieri
Holmes, Francis O., 1946
Verbena hybrida
Holmes, Francis O., 1946
Zaluzianskya villosa
Holmes, Francis O., 1946
Zinnia elegans
Holmes, Francis O., 1946
Price, W.C., 1935

V. TOBACCO GREEN MOSAIC McKinney 1929 ((A synonym of V. Tobacco mosaic K.M. Smith 1957.))

- Capsicum frutescens* (*Capsicum annuum*)
Peterson, Paul D. and H.H. McKinney, 1938
Lycopersicon esculentum
McKinney, H.H., 1929
Nicotiana glauca
McKinney, H.H., 1929
Nicotiana langsdorffii
Peterson, Paul D. and H.H. McKinney, 1938
Nicotiana rustica
Peterson, Paul D. and H.H. McKinney, 1938
Nicotiana sylvestris
Peterson, Paul D. and H.H. McKinney, 1938
Nicotiana tabacum
Dufrenoy, J., 1933
Peterson, Paul D. and H.H. McKinney, 1938

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V. TOBACCO GREEN RING SPOT *

- Nicotiana sylvestris*
Price, W.C., 1936
Nicotiana tabacum
Price, W.C., 1936
Valleau, W.D., 1935
Vigna sinensis
Price, W.C., 1936
- V. TOBACCO LEAF CURL Storey 1932
- Ageratum conyzoides*
Pruthi, Hem Singh and C.K. Samuel, 1939
Althaea rosea
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Carica papaya
Goenaga, Alvaro, 1945
Nariani, T.K., 1956
Crotalaria juncea
Pruthi, Hem Singh and C.K. Samuel, 1937, 1939
Crotalaria usaramoensis
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Datura stramonium
Vasudeva, R.S. and J. Sam Raj, 1948
Euphorbia hirta
Pruthi, Hem Singh and C.K. Samuel, 1941
Glycine max
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Launea asplenifolia
Pruthi, Hem Singh and C.K. Samuel, 1941
Lycopersicon esculentum
Bird, Julio, 1957
Nariani, T.K., 1956
Pal, B.P. and R.K. Tandon, 1937
Pruthi, Hem Singh and C.K. Samuel, 1941
Vasudeva, R.S. and J. Sam Raj, 1948
Nicotiana glauca
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Nicotiana glutinosa
Pal, B.P. and R.K. Tandon, 1937
Vasudeva, R.S. and J. Sam Raj, 1948
Nicotiana rustica
Pal, B.P. and R.K. Tandon, 1937
Nicotiana sylvestris
Vasudeva, R.S. and J. Sam Raj, 1948
Nicotiana tabacum
Bird, Julio, 1957
Kerling, L.C.P., 1933
Nariani, T.K., 1956
Nariani, T.K. and P.S. Pathanian, 1953
Pal, B.P. and R.K. Tandon, 1937
Pruthi, Hem Singh and C.K. Samuel, 1937, 1939, 1941
Vasudeva, R.S. and J. Sam Raj, 1948
Petunia spp.
Pal, B.P. and R.K. Tandon, 1937
Physalis angulata
Bird, Julio, 1957
Physalis peruviana
Nariani, T.K. and P.S. Pathanian, 1953
Scoparia dulcis
Pruthi, Hem Singh and C.K. Samuel, 1941
Sida rhombifolia
Pruthi, Hem Singh and C.K. Samuel, 1941
Solanum cariacaeum
Bird, Julio, 1957
Solanum nigrum
Pal, B.P. and R.K. Tandon, 1937
Pruthi, Hem Singh and C.K. Samuel, 1941
Solanum tuberosum
Vasudeva, R.S. and J. Sam Raj, 1948
Synedrella nodiflora
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Vernonia cinerea
Pruthi, Hem Singh and C.K. Samuel, 1941
Zinnia elegans
Kerling, L.C.P., 1933
Pruthi, Hem Singh and C.K. Samuel, 1941
- V. TOBACCO LEAF CURL-LIKE DISEASE *
- Nicotiana tabacum*
Morgan, O.D. and H.H. McKinney, 1951

- VIRUS**
- V. TOBACCO LEAF ROLL DISEASE ***
- Lycopersicon esculentum*
 - Goenaga, Alvaro, 1945
 - Nicotiana tabacum*
 - Goenaga, Alvaro, 1945
 - Solanum tuberosum*
 - Goenaga, Alvaro, 1945
- V. TOBACCO MOSAIC Allard 1914**
- Adlumia fungosa*
 - Holmes, Francis O., 1946
 - Amaranthus graecizans*
 - Holmes, Francis O., 1938
 - Amaranthus hybridus*
 - Holmes, Francis O., 1938
 - Amaranthus tricolor*
 - Holmes, Francis O., 1946
 - Ambrosia artemisiifolia*
 - Boyle, John S. and David C. Wharton, 1957
 - Holmes, Francis O., 1938
 - Wingard, S.A., 1928
 - Ambrosia trifida*
 - Holmes, Francis O., 1938, 1946
 - Anagallis arvensis*
 - Holmes, Francis O., 1946
 - Anchusa azurea*
 - Holmes, Francis O., 1946
 - Anchusa capensis*
 - Holmes, Francis O., 1946
 - Antirrhinum majus*
 - Berkeley, G.H., 1951
 - Grant, T.J., 1934
 - Holmes, Francis O., 1946
 - Apium graveolens*
 - Holmes, Francis O., 1946
 - Arctium lappa*
 - Holmes, Francis O., 1946
 - Aster dumosus*
 - Holmes, Francis O., 1938
 - Bellis perennis*
 - Holmes, Francis O., 1946
 - Beta vulgaris*
 - Grant, T.J., 1934
 - Holmes, Francis O., 1946
 - Beta vulgaris* var. *cicla*
 - Grant, T.J., 1934
 - Bidens frondosa*
 - Holmes, Francis O., 1938, 1946
 - Brachycome iberidifolia*
 - Holmes, Francis O., 1946
 - Brassica campestris* var. *napobrassica*
 - Holmes, Francis O., 1946
 - Brassica hirta* (*Brassica alba*)
 - Grant, T.J., 1934
 - Brassica rapa*
 - Grant, T.J., 1934
 - Browallia americana* (*Browallia demissa*)
 - Holmes, Francis O., 1946
 - Browallia speciosa*
 - Holmes, Francis O., 1946
 - Browallia speciosa* var. *major*
 - Holmes, Francis O., 1938
 - Calendula officinalis*
 - Holmes, Francis O., 1946
 - Callistephus chinensis*
 - Holmes, Francis O., 1946
 - Calonyction aculeatum*
 - Holmes, Francis O., 1946
 - Campanula drabifolia*
 - Holmes, Francis O., 1946
 - Capsella bursa-pastoris*
 - Holmes, Francis O., 1938, 1946
 - Capsicum cerasiforme*
 - Allard, H.A., 1916
 - Capsicum frutescens* (*Capsicum annuum*)
 - Abbott, E.V., 1931
 - Ainsworth, G.C., 1933
 - Anderson, C.W. and M.K. Corbett, 1957
 - Berkeley, G.H., 1951
 - Cox, C.E. and L.O. Weaver, 1950
 - Dale, W.T., 1954
 - Desjardins, P.R., J.M. Wallace and R.J. Drake, 1954
- VIRUS**
- V. TOBACCO MOSAIC (cont.)**
- Capsicum frutescens* (*Capsicum annuum*)
 - Doolittle, S.P. and F.S. Beecher, 1942
 - Dykstra, T.P., 1939
 - Greenleaf, W.H., 1953
 - Heuberger, J.W., 1944
 - Hoggan, Isme A., 1927
 - Holmes, F.O., 1934, 1937, 1946
 - Jensen, D.D., 1949
 - Johnson, J., 1926, 1927
 - Kendrick, J.B., Jr., L.D. Anderson and R.C. Dickson, 1951
 - McKinney, H.H., 1929, 1952
 - Perez, J. Enrique, J. Adsuar and Orlando Sala, 1956
 - Schwarze, C.A., 1914
 - Stover, W.G. and M.T. Vermillion, 1933
 - Woods, M.W. and Richard V. Eck, 1948
 - Capsicum frutescens* var. *Golden Dawn* x (var. *Golden Dawn* x var. *minimum*)
 - Holmes, F.O., 1934
 - Capsicum frutescens* var. *Golden Dawn* x var. *minimum*
 - Holmes, F.O., 1934
 - Capsicum frutescens* var. *Tabasco* x var. *Ruby King*
 - Holmes, F.O., 1934
 - Capsicum microcarpum*
 - Greenleaf, W.H., 1953
 - Capsicum* spp.
 - McKinney, H.H., 1928
 - Carica papaya*
 - Holmes, Francis O., 1946
 - Cattleya* spp.
 - Perez, J. Enrique, J. Adsuar and Orlando Sala, 1956
 - Celosia argentea*
 - Holmes, Francis O., 1946
 - Centaurea americana*
 - Holmes, Francis O., 1946
 - Centaurea montana*
 - Holmes, Francis O., 1946
 - Ceratium vulgatum*
 - Holmes, Francis O., 1938
 - Charieis heterophylla*
 - Holmes, Francis O., 1946
 - Cheiranthus allionii*
 - Holmes, Francis O., 1946
 - Cheiranthus cheiri*
 - Holmes, Francis O., 1946
 - Chelidonium majus*
 - Holmes, Francis O., 1938, 1946
 - Chenopodium album*
 - Holmes, Francis O., 1938, 1946
 - Chenopodium amaranticolor*
 - Hollings, M., 1956
 - Chenopodium ambrosioides*
 - Holmes, Francis O., 1938, 1946
 - Chenopodium glaucum*
 - Holmes, Francis O., 1946
 - Chenopodium hybridum*
 - Benedict, W.G., 1955
 - Chenopodium rubrum*
 - Holmes, Francis O., 1946
 - Chenopodium* spp.
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Cichorium endivia*
 - Holmes, Francis O., 1946
 - Cirsium arvense*
 - Boyle, John S. and David C. Wharton, 1956
 - Citrullus vulgaris*
 - McKinney, H.H. and Robert W. Fulton, 1949
 - Cleome spinosa*
 - Holmes, Francis O., 1946
 - Coleus blumei*
 - Holmes, Francis O., 1946
 - Collinsia bicolor*
 - Holmes, Francis O., 1946
 - Coreopsis grandiflora*
 - Holmes, Francis O., 1946
 - Cucumis melo*
 - McKinney, H.H. and Robert W. Fulton, 1949
 - Cucumis sativus*
 - Berkeley, G.H., 1951
 - Cox, C.E. and L.O. Weaver, 1950

VIRUS

V. TOBACCO MOSAIC (cont.)

- Cucumis sativus*
 Fulton, Robert W., 1950
 McKinney, H.H., 1952
 McKinney, H.H. and Robert W. Fulton, 1949
 Walker, M.N., 1924, 1926
- Cucurbita pepo*
 McKinney, H.H. and Robert W. Fulton, 1949
- Cymbalaria muralis*
 Holmes, Francis O., 1946
- Cynoglossum amabile*
 Fulton, Robert W., 1941
 Grant, T.J., 1934
 Holmes, Francis O., 1946
- Datura metel*
 Perez, J. Enrique, J. Adsuar and Orlando Sala, 1956
- Datura meteloides*
 Keener, Paul D., 1954
- Datura stramonium*
 Ainsworth, G.C., 1933, 1937
 Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 Allard, H.A., 1916
 Anderson, C.W. and M.K. Corbett, 1957
 Berkeley, G.H., 1951
 Caldwell, John, 1932
 Crawford, R.F., 1921
 Das, C.R. and S.P. Raychaudhuri, 1953
 Doolittle, S.P. and F.S. Beecher, 1942
 Holmes, F.O., 1934, 1946
 Jarrett, Phyllis H., 1930
 Johnson, E.M., 1930
 McKinney, H.H., 1952
 McKinney, H.H. and Robert W. Fulton, 1949
 Samson, R.W., 1930
- Daucus carota*
 Holmes, Francis O., 1938, 1946
- Daucus carota* var. *sativa*
 Grant, T.J., 1934
- Delphinium consolida*
 Grant, T.J., 1934
- Delphinium hybrid*
 Severin, Henry H.P., 1942
- Digitalis purpurea*
 Grant, T.J., 1934
 Holmes, Francis O., 1946
- Dimorphotheca aurantiaca*
 Grant, T.J., 1934
 Holmes, Francis O., 1946
- Echium vulgare*
 Holmes, Francis O., 1946
- Emilia flammea*
 Holmes, Francis O., 1946
- Emilia sagittata*
 Grant, T.J., 1934
- Emmenanthe penduliflora*
 Holmes, Francis O., 1946
- Erigeron annuus*
 Holmes, Francis O., 1938, 1946
- Erigeron canadensis*
 Holmes, Francis O., 1938
- Eryngium aquaticum*
 Johnson, James, 1946
- Eupatorium lassaeuxii*
 Holmes, Francis O., 1946
- Fagopyrum esculentum*
 Fulton, Robert W., 1941
 Grant, T.J., 1934
 Holmes, Francis O., 1946
- Galinsoga parviflora*
 Holmes, Francis O., 1938, 1946
- Galium triflorum*
 Holmes, Francis O., 1938
- Gamolepis tagetes*
 Holmes, Francis O., 1946
- Geranium carolinianum*
 Holmes, Francis O., 1938, 1946
- Gesneria* spp.
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Gilia capitata*
 Holmes, Francis O., 1946

VIRUS

V. TOBACCO MOSAIC (cont.)

- Gilia liniflora*
 Holmes, Francis O., 1946
- Gladiolus hortulanus*
 Berkeley, G.H., 1951
- Gomphrena globosa*
 Desjardins, P.R., J.M. Wallace and R.J. Drake, 1954
- Gypsophila elegans*
 Holmes, Francis O., 1946
- Hedeoma pulegioides*
 Holmes, Francis O., 1938
- Helichrysum bracteatum*
 Holmes, Francis O., 1946
- Heliotropium corymbosum*
 Holmes, Francis O., 1946
- Helipterum humboldtianum*
 Holmes, Francis O., 1946
- Hieracium scabrum*
 Holmes, Francis O., 1938
- Hyoscyamus niger*
 Allard, H.A., 1916
 Hoggan, Isme A., 1927
 Jarrett, Phyllis H., 1930
 Johnson, James, 1927
 Sheffield, F.M.L., 1931, 1936
- Iberis gibraltarica*
 Holmes, Francis O., 1946
- Iberis umbellata*
 Holmes, Francis O., 1946
- Impatiens sultani* (or sometimes *Impatiens holstii*)
 Holmes, Francis O., 1946
- Incarvillea variabilis*
 Holmes, Francis O., 1946
- Ipomoea nil*
 Holmes, Francis O., 1946
- Ipomoea tricolor*
 Grant, T.J., 1934
 Holmes, Francis O., 1946
- Kalanchoe daigremontiana*
 Holmes, Francis O., 1946
- Kochia scoparia*
 Holmes, Francis O., 1946
- Lamium amplexicaule*
 Holmes, Francis O., 1938, 1946
- Lepidium campestre*
 Holmes, Francis O., 1938
- Lepidium ruderale*
 Holmes, Francis O., 1938
- Leptosyne maritima*
 Holmes, Francis O., 1946
- Limonium bonduelli*
 Holmes, Francis O., 1946
- Limonium sinuatum*
 Holmes, Francis O., 1946
- Linaria cymbalaria*
 Grant, T.J., 1934
- Linaria maroccana*
 Holmes, Francis O., 1946
- Linaria vulgaris*
 Holmes, Francis O., 1938, 1946
- Lobelia erinus*
 Holmes, Francis O., 1946
- Lobelia gracilis*
 Holmes, Francis O., 1946
- Lobelia inflata*
 Holmes, Francis O., 1938, 1946
- Lobelia tenuior*
 Holmes, Francis O., 1946
- Lobularia maritima*
 Holmes, Francis O., 1946
- Lunaria annua*
 Holmes, Francis O., 1946
- Lychnis coeli-rosa*
 Holmes, Francis O., 1946
- Lycium chinense*
 Holmes, Francis O., 1946
- Lycium ferocissimum*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Lycopersicon chilense*
 Holmes, Francis O., 1943, 1946
- Lycopersicon esculentum*
 Abbott, E.V., 1929, 1931

VIRUS

V. TOBACCO MOSAIC (cont.)

- Lycopersicon esculentum*
 Ainsworth, G.C., 1933, 1937
 Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 Ainsworth, G.C. and I.W. Selman, 1936
 Allard, H.A., 1916
 Berkeley, G.H., 1927, 1951
 Berkeley, G.H. and G.O. Madden, 1932, 1933
 Boyle, John S., 1956
 Boyle, John S. and David C. Wharton, 1956, 1957
 Brierley, W.B., 1916
 Burnett, Grover and Leon K. Jones, 1931
 Caldwell, John, 1932
 Cochran, G.W., 1946
 Conover, Robert A. and Robert W. Fulton, 1953
 Costa, A.S., 1944
 Cox, C.E. and L.O. Weaver, 1950
 Dale, W.T., 1954
 Das, C.R. and S.P. Raychaudhuri, 1953
 Desai, S.V., 1933
 Desjardins, P.R., J.M. Wallace and R.J. Drake, 1954
 Doering, G.R., W.C. Price and S.B. Fenne, 1957
 Doolittle, S.P., 1928
 Doolittle, S.P. and L.J. Alexander, 1936, 1951
 Doolittle, S.P. and F.S. Beecher, 1942
 Doolittle, S.P. and W.S. Porte, 1949
 Eckerson, Sophia H. and H.R. Karybill, 1927
 Fernow, Karl Hermann, 1925
 Fulton, Robert W., 1941
 Gardner, Max W., 1925
 Gardner, Max W. and James B. Kendrick, 1922
 Heuberger, J.W. and J.B.S. Norton, 1933
 Hogan, Isme A., 1927
 Holmes, Francis O., 1941, 1943, 1946, 1950
 Jarrett, Phyllis H., 1930
 Jensen, J.H., 1933, 1936
 Johnson, E.M., 1930
 Johnson, J., 1926, 1927
 Jones, Leon K., 1940
 Jones, Leon K. and Grover Burnett, 1935
 Kunkel, L.O., 1932
 MacNeill, Blair H., 1955
 McKinney, H.H., 1929, 1952
 McRitchie, John J., 1957
 McRitchie, John J. and Leonard J. Alexander, 1957
 Mogendorff, N., 1930
 Norval, I.P., 1938
 Perez, J. Enrique, J. Adsuar and Orlando Sala, 1956
 Peterson, Paul D. and H.H. McKinney, 1938
 Price, W.C. and S.B. Fenne, 1951
 Quanjer, H.M., 1920
 Raychaudhuri, S.P., 1952
 Schultz, E.S. and Donald Folsom, 1923
 Selman, Ireson W., 1941, 1943
 Severin, Henry H.P., 1950
 Shefield, F.M.L., 1931, 1936
 Smith, J. Henderson, 1928, 1933
 Smith, Kenneth M., 1935
 Stover, W.G., 1928
 Stover, W.G. and M.T. Vermillion, 1933
 Valleau, W.D. and E.M. Johnson, 1930, 1943
 Vanterpool, T.C., 1926
 Verwoerd, Len, 1929
 Walker, M.N., 1926
 Watson, R.D., E.C. Heinrich and W.R. Harvey, 1954
 Woods, M.W. and Richard V. Eck, 1948
Lycopersicon esculentum var. *cerasiforme*
 Gardner, Max W. and James B. Kendrick, 1922
Lycopersicon esculentum var. *grandifolium*
 Mogendorff, N., 1930
Lycopersicon esculentum var. *Sioux* x *Lycopersicon hirsutum*
 Watson, R.D. and E.C. Heinrich, 1951
Lycopersicon esculentum x *Lycopersicon chilense*
 Holmes, Francis O., 1943
Lycopersicon esculentum x *Lycopersicon hirsutum*
 Watson, R.D., E.C. Heinrich and W.R. Harvey, 1954

VIRUS

V. TOBACCO MOSAIC (cont.)

- Lycopersicon glandulosum*
 Doolittle, S.P. and F.S. Beecher, 1942
Lycopersicon hirsutum
 Doolittle, S.P. and F.S. Beecher, 1942
 Doolittle, S.P., W.S. Porte and F.S. Beecher, 1946
 Holmes, Francis O., 1946
 Porte, W.S., S.P. Doolittle and F.L. Wellman, 1939
 Watson, R.D., E.C. Heinrich and W.R. Harvey, 1954
Lycopersicon hirsutum f. *glabratum* *
 Doolittle, S.P. and F.S. Beecher, 1942
Lycopersicon hirsutum x *Lycopersicon esculentum*
 Doolittle, S.P. and W.S. Porte, 1949
Lycopersicon peruvianum
 Doolittle, S.P. and F.S. Beecher, 1942
 Holmes, Francis O., 1946
 Nagaich, B.B. and H.H. Thornberry, 1957
Lycopersicon peruvianum subsp. *dentatum*
 Doolittle, S.P. and F.S. Beecher, 1942
Lycopersicon pimpinellifolium
 Doolittle, S.P. and F.S. Beecher, 1942
 Gardner, Max W. and James B. Kendrick, 1922
 Holmes, Francis O., 1946
Lycopus rubellus
 Holmes, Francis O., 1938, 1946
Lycopus virginicus
 Holmes, Francis O., 1938
Marrubium vulgare
 Holmes, Francis O., 1946
Martynia louisiana
 Farnow, Karl Hermann, 1925
 Grant, T.J., 1934
Matthiola bicornis
 Holmes, Francis O., 1946
Melissa officinalis
 Holmes, Francis O., 1946
Mentha spicata
 Holmes, Francis O., 1946
Mesembryanthemum crystallinum
 Holmes, Francis O., 1946
Mesembryanthemum lineare
 Holmes, Francis O., 1946
Mimulus moschatus
 Holmes, Francis O., 1946
Mimulus tigrinus
 Holmes, Francis O., 1946
Mollugo verticillata
 Holmes, Francis O., 1938, 1946
Myosotis scorpioides
 Holmes, Francis O., 1946
Myosotis sylvatica
 Holmes, Francis O., 1946
Nemesia strumosa
 Holmes, Francis O., 1946
Nemophila maculata
 Holmes, Francis O., 1946
Nemophila menziesii subsp. *insignis*
 Holmes, Francis O., 1946
Nepeta cataria
 Holmes, Francis O., 1946
Nepeta mussini
 Holmes, Francis O., 1946
Nicandra physalodes
 Crawford, R.F., 1921
 Fulton, Robert W., 1941
 Hogan, Isme A., 1927
 Holmes, Francis O., 1946
 Jarrett, Phyllis H., 1930
 Johnson, E.M., 1930
Nicotiana acuminata
 Adsuar, J. and L. Lopez Matos, 1955
 Caldwell, John, 1932
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, Francis O., 1929, 1934, 1946
 Jensen, J.H., 1933
 Kunkel, L.O., 1932
Nicotiana affinis
 Jarrett, Phyllis H., 1930
 McKinney, H.H., 1935

VIRUS

V. TOBACCO MOSAIC (cont.)

- Nicotiana alata*
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, F.O., 1934, 1946
 Kunkel, L.O., 1932
 Weber, Paul V.V., 1951
- Nicotiana arentsi*
 Diachun, Stephen and W.D. Valleau, 1954
- Nicotiana attenuata*
 Diachun, Stephen and W.D. Valleau, 1954
- Nicotiana benavidesii*
 Diachun, Stephen and W.D. Valleau, 1954
- Nicotiana benthamiana*
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
- Nicotiana bigelovii*
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, F.O., 1934, 1946
 Stover, R.H., 1951
- Nicotiana bigelovii* var. *quadrivalvis* x *glutinosa*
 Holmes, F.O., 1934
- Nicotiana bigelovii* var. *quadrivalvis* x *sanderae*
 Holmes, F.O., 1934
- Nicotiana bigelovii* var. *quadrivalvis* x *tabacum*
 Holmes, F.O., 1934
- Nicotiana bonariensis*
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, Francis O., 1946
- Nicotiana caudigera*
 Holmes, Francis O., 1946
- Nicotiana caudigera* x *Nicotiana acuminata*
 Holmes, F.O., 1934
- Nicotiana chinensis*
 Ferguson, I.A.C., 1951
- Nicotiana clevelandii*
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stepehn and W.D. Valleau, 1954
 Holmes, F.O., 1934, 1946
- Nicotiana cordifolia*
 Diachun, Stephen and W.D. Valleau, 1954
- Nicotiana corymbosa*
 Diachun, Stephen and W.D. Valleau, 1954
- Nicotiana debneyi*
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
- Nicotiana digluta* *
- Holmes, Francis O., 1938, 1946
- Nicotiana digluta* x *Nicotiana tabacum*
 Holmes, Francis O., 1938
 Price, W.C. and S.B. Fenne, 1951
- Nicotiana exigua*
 Diachun, Stephen and W.D. Valleau, 1954
- Nicotiana fragrans*
 Diachun, Stephen and W.D. Valleau, 1954
- Nicotiana glauca*
 Allard, H.A., 1917
 Diachun, Stephen and W.D. Valleau, 1954
 Doolittle, S.P. and F.S. Beecher, 1942
 Hoggan, Isme A., 1927
 Holmes, F.O., 1934, 1946
 Jensen, J.H., 1933
 Johnson, J., 1926, 1927
 Keener, Paul D., 1954
 McKinney, H.H., 1928, 1929, 1935, 1943, 1952
Nicotiana glauca x *Nicotiana langsdorffii*
 Holmes, F.O., 1934
- Nicotiana glutinosa*
 Adsuar, J. and L. Lopez Matos, 1955
 Ainsworth, G.C., 1933, 1937
 Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 Anderson, C.W. and M.K. Corbett, 1957
 Bawden, F.C. and F.M. Roberts, 1948
 Berkeley, G.H., 1951
 Best, Rupert J. and Geoffrey Samuel, 1936
 Boyle, John S. and David C. Wharton, 1956, 1957
 Caldwell, John, 1932
 Conover, Robert A. and Robert W. Fulton, 1953
 Costa, A.S., 1944
 Cox, C.E. and L.O. Weaver, 1950

VIRUS

V. TOBACCO MOSAIC (cont.)

- Nicotiana glutinosa*
 Desjardins, P.R., J.M. Wallace and R.J. Drake, 1954
 Diachun, Stephen and W.D. Valleau, 1954
 Doering, G.R., W.C. Price and S.B. Fenne, 1957
 Doolittle, S.P. and F.S. Beecher, 1942
 Dykstra, T.P., 1939
 Hoggan, Isme A., 1927
 Holmes, Francis O., 1929, 1934, 1936, 1941, 1946
 Jensen, J.H., 1933, 1936, 1937
 Johnson, J., 1926, 1927
 Kendrick, J.B., Jr., L.D. Anderson and R.C. Dickson, 1951
 Kunkel, L.O., 1932
 McKinney, H.H., 1935, 1943, 1952
 Nagaich, B.B. and H.H. Thornberry, 1957
 Nolla, J.A.B., 1934
 Norval, I.P., 1938
 Peterson, Paul D. and H.H. McKinney, 1938
 Pierce, W.H., 1934
 Price, W.C. and S.B. Fenne, 1951
 Raychaudhuri, S.P., 1952
 Roberts, Daniel A., 1952
 Sheffield, F.M.L., 1936
 Siegel, Albert and Sam G. Wildman, 1954
 Smith, Kenneth M., 1935
 Spencer, E.L., 1935
 Stover, R.H., 1951
 Walker, M.N., 1924, 1925
 Walters, H.J., 1952
 Weber, Paul V.V., 1951
 Woods, M.W. and Richard V. Eck, 1948
Nicotiana glutinosa x *Nicotiana langsdorffii*
 Holmes, F.O., 1934
Nicotiana glutinosa x *Nicotiana tabacum*
 Fulton, Robert W., 1941
Nicotiana goodspeedii
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
Nicotiana gossei
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
Nicotiana knightiana
 Diachun, Stephen and W.D. Valleau, 1954
Nicotiana langsdorffii
 Ainsworth, G.C., 1937
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, F.O., 1929, 1934, 1936, 1946
 Jensen, J.H., 1933, 1936
 Kunkel, L.O., 1932, 1934
 Peterson, Paul D. and H.H. McKinney, 1938
 Stover, R.H., 1951
Nicotiana langsdorffii x *Nicotiana sanderae*
 Holmes, F.O., 1934
Nicotiana longiflora
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, F.O., 1934, 1946
 Stover, R.H., 1951
 Weber, Paul V.V., 1951
Nicotiana longiflora x *Nicotiana alata*
 Weber, Paul V.V., 1951
Nicotiana maritima
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
Nicotiana megalosiphon
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
Nicotiana multivalis
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Nicotiana nesophila
 Diachun, Stephen and W.D. Valleau, 1954
Nicotiana nudicaulis
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, Francis O., 1946
Nicotiana occidentalis
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
Nicotiana otophora
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, Francis O., 1946

- VIRUS**
- V. TOBACCO MOSAIC (cont.)
- Nicotiana palmeri
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, F.O., 1934, 1946
- Nicotiana paniculata
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
 Doolittle, S.P. and F.S. Beecher, 1942
 Holmes, F.O., 1934, 1946
 Jensen, J.H., 1933
 Kunkel, L.O., 1932
 Woods, M.W. and Richard V. Eck, 1948
- Nicotiana paniculata x Nicotiana rustica
 Holmes, F.O., 1934
- Nicotiana pauciflora
 Diachun, Stephen and W.D. Valleau, 1954
- Nicotiana plumaginifolia
 Boyle, John S. and David C. Wharton, 1956, 1957
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, Francis O., 1946
- Nicotiana quadrivalvis
 Doolittle, S.P. and F.S. Beecher, 1942
- Nicotiana raimondii
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, Francis O., 1946
- Nicotiana repanda
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, Francis O., 1946
- Nicotiana rotundifolia
 Diachun, Stephen and W.D. Valleau, 1954
- Nicotiana rusbyi
 Kunkel, L.O., 1932
- Nicotiana rustica
 Allard, H.A., 1914-15, 1916
 Boyle, John S. and David C. Wharton, 1956, 1957
 Caldwell, John, 1932
 Das, C.R. and S.P. Raychaudhuri, 1953
 Diachun, Stephen and W.D. Valleau, 1954
 Doolittle, S.P. and F.S. Beecher, 1942
 Fernald, Karl Hermann, 1925
 Holmes, Francis O., 1929, 1934, 1946
 Jensen, J.H., 1933
 Johnson, E.M., 1930
 Johnson, J., 1926, 1927
 Kunkel, L.O., 1932
 McKinney, H.H., 1935
 Peterson, Paul D. and H.H. McKinney, 1938
 Stover, R.H., 1951
- Nicotiana sanderae
 Holmes, Francis O., 1929, 1934, 1946
 Stover, R.H., 1951
- Nicotiana sanderae x Nicotiana langsdorffii
 Holmes, F.O., 1934
- Nicotiana sanderae x Nicotiana sanderae
 Holmes, F.O., 1934
- Nicotiana setchellii
 Diachun, Stephen and W.D. Valleau, 1954
- Nicotiana solanifolia
 Holmes, Francis O., 1946
- Nicotiana stocktoni
 Diachun, Stephen and W.D. Valleau, 1954
- Nicotiana suaveolens
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, F.O., 1934
 Kunkel, L.O., 1932
- Nicotiana sylvestris
 Boyle, John S. and David C. Wharton, 1956, 1957
 Conover, Robert A. and Robert W. Fulton, 1953
 Diachun, Stephen and W.D. Valleau, 1954
 Doolittle, S.P. and F.S. Beecher, 1942
 Dykstra, T.P., 1939
 Fulton, Robert W., 1951
 Holmes, F.O., 1934, 1941, 1946
 Jensen, J.H., 1933, 1936, 1937
 Kunkel, L.O., 1932, 1934
 McKinney, H.H., 1935, 1952
 Norval, I.P., 1938
 Peterson, Paul D. and H.H. McKinney, 1938
 Price, W.C. and S.B. Fenner, 1951
 Raychaudhuri, S.P., 1952
 Siegel, Albert and Sam G. Wildman, 1954
 Stover, W.G. and M.T. Vermillion, 1933
 Valleau, W.D., 1935
 Valleau, W.D. and E.M. Johnson, 1935, 1943
 Vanterpool, T.C., 1926
 Walker, M.N., 1926
 Walters, H.J., 1952
 Weber, Paul V.V., 1951
 Woods, M.W. and Richard V. Eck, 1948
- Nicotiana tabacum var. angustifolia
 Adsuar, J. and L. Lopez Matos, 1955
- Nicotiana tabacum var. atropurpurea *
- Weber, Paul V.V., 1951
- Nicotiana tabacum var. macrophylla
 Ainsworth, G.C., 1933
- Kunkel, L.O., 1932
- Nicotiana tabacum var. purpurea *
- Kunkel, L.O., 1932
- VIRUS**
- V. TOBACCO MOSAIC (cont.)
- Nicotiana sylvestris
 Stover, R.H., 1951
 Weber, Paul V.V., 1951
- Nicotiana tabacum
 Ainsworth, G.C., 1933, 1937
 Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 Allard, H.A., 1914-15, 1915, 1916, 1917
 Bawden, F.C. and F.M. Roberts, 1948
 Beale, Helen P., 1933
 Bennett, C.W., 1944
 Berkeley, G.H., 1927, 1951
 Best, Rupert J. and Geoffrey Samuel, 1936
 Boyle, John S. and David C. Wharton, 1956, 1957
 Caldwell, John, 1932
 Conover, Robert A. and Robert W. Fulton, 1953
 Costa, A.S., 1944
 Cox, C.E. and L.O. Weaver, 1950
 Dale, W.T., 1954
 Das, C.R. and S.P. Raychaudhuri, 1953
 Diachun, Stephen and W.D. Valleau, 1954
 Doolittle, S.P. and F.S. Beecher, 1942
 Dufrenoy, J., 1933
 Fernald, Karl Hermann, 1925
 Fulton, Robert W., 1941
 Gutierrez, Mariano E., 1954
 Gutierrez, Mariano E., Julian Agati and Serapion Bayubay, 1950
 Henderson, R.G., 1950
 Hoggan, Isme A., 1927, 1934
 Holmes, F.O., 1934, 1936, 1941, 1946, 1953
 Jarrett, Phyllis H., 1930
 Jensen, J.H., 1933, 1936, 1937
 Johnson, E.M., 1930
 Johnson, Folke, 1941
 Johnson, J., 1926, 1927
 Jones, Leon K., 1940
 Kassanis, B. and Ireson W. Selman, 1947
 Kunkel, L.O., 1932
 McKinney, H.H., 1935, 1939, 1943, 1952
 McMurtrey, J.E., Jr., 1928, 1929
 Nagaich, B.B. and H.H. Thornberry, 1957
 Nolla, J.A.B., 1934
 Nolla, J.A.B., John Simon Guggenheim and Arturo Roque, 1933
 Norval, I.P., 1938
 Perez, J. Enrique, J. Adsuar and Orlando Sala, 1956
 Peterson, Paul D. and H.H. McKinney, 1938
 Pierce, W.H., 1934
 Price, W.C., 1936
 Price, W.C. and S.B. Fenner, 1951
 Purdy, Helen A., 1927
 Quanjer, H.M., 1920, 1933
 Raychaudhuri, S.P., 1952
 Roberts, Daniel A., 1952
 Schwarze, C.A., 1914
 Sheffield, F.M.L., 1931, 1936
 Siegel, Albert and Sam G. Wildman, 1954
 Smith, J. Henderson, 1933
 Smith, Kenneth M., 1935
 Spencer, E.L., 1935, 1937
 Stover, R.H., 1951
 Stover, W.G., 1928
 Stover, W.G. and M.T. Vermillion, 1933
 Valleau, W.D., 1935
 Valleau, W.D. and E.M. Johnson, 1935, 1943
 Vanterpool, T.C., 1926
 Walker, M.N., 1926
 Walters, H.J., 1952
 Weber, Paul V.V., 1951
 Woods, M.W. and Richard V. Eck, 1948

VIRUS

V. TOBACCO MOSAIC (cont.)

- Nicotiana tabacum* var. *purpurea* * x *glutinosa*
 Holmes, F.O., 1934
Nicotiana tabacum x *Nicotiana glutinosa*
 Costa, A.S., 1944
 Fulton, Robert W., 1950
 Holmes, F.O., 1934
 Johnson, James, 1936, 1937
 McKinney, H.H. and Robert W. Fulton, 1949
 Walters, H.J., 1952
Nicotiana tabacum x *Nicotiana longiflora*
 Weber, Paul V.V., 1951
Nicotiana tabacum x *Nicotiana sylvestris*
 Weber, Paul V.V., 1951
Nicotiana tomentosa
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, Francis O., 1946
 Weber, Paul V.V., 1951
Nicotiana tomentosiformis
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, Francis O., 1946
 Weber, Paul V.V., 1951
Nicotiana trigonophylla
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, F.O., 1934, 1946
Nicotiana undulata
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
 Holmes, Francis O., 1946
Nicotiana velutina
 Adsuar, J. and L. Lopez Matos, 1955
 Diachun, Stephen and W.D. Valleau, 1954
Nicotiana wigandoides
 Holmes, Francis O., 1946
Nierembergia hippomanica
 Holmes, Francis O., 1946
Nolana lanceolata
 Holmes, Francis O., 1946
Papaver nudicaule
 Holmes, Francis O., 1946
Parthenium argentatum
 Severin, Henry H.P., 1945
Penstemon barbatus
 Grant, T.J., 1934
Penstemon grandiflorus
 Holmes, Francis O., 1946
Petroselinum hortense
 Holmes, Francis O., 1946
Petunia hybrida
 Allard, H.A., 1916
 Holmes, Francis O., 1946
Petunia spp.
 Ainsworth, G.C., 1933
 Das, C.R. and S.P. Raychaudhuri, 1953
Petunia violacea
 Fulton, Robert W., 1941
 Hogan, Isme A., 1927
 Jarrett, Phyllis H., 1930
 Johnson, J., 1926, 1927
Phacelia campanularia
 Grant, T.J., 1934
 Holmes, Francis O., 1946
Phacelia ciliata
 Holmes, Francis O., 1946
Phacelia parryi
 Grant, T.J., 1934
Phacelia tanacetifolia
 Grant, T.J., 1934
Phacelia viscida
 Holmes, Francis O., 1946
Phacelia whitlavia (*Whitlavia grandiflora*)
 Grant, T.J., 1934
 Holmes, Francis O., 1946
Phaseolus vulgaris
 Berkeley, G.H., 1951
 Costa, A.S., 1944
 Doolittle, S.P. and F.S. Beecher, 1942
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Grant, T.J., 1934
 Holmes, F.O., 1934, 1941, 1946
 McKinney, H.H., 1943
 McKinney, H.H. and Robert W. Fulton, 1949

VIRUS

V. TOBACCO MOSAIC (cont.)

- Phaseolus vulgaris*
 Nagaich, B.B. and H.H. Thornberry, 1957
 Peterson, Paul D. and H.H. McKinney, 1938
 Pierce, W.H., 1934
 Price, W.C., 1930
 Silberschmidt, K. and M. Kramer, 1941
 Spencer, E.L., 1935
 Zaumeyer, W.J. and B.L. Wade, 1935
Phlox drummondii
 Grant, T.J., 1934
 Holmes, Francis O., 1946
Physalis alkekengi
 Doolittle, S.P. and F.S. Beecher, 1942
 Hogan, Isme A., 1927
 Holmes, Francis O., 1946
Physalis angulata
 Doolittle, S.P. and F.S. Beecher, 1942
 Holmes, F.O., 1934, 1941, 1946
 Jensen, J.H., 1933
Physalis elliottii
 Anderson, C.W. and M.K. Corbett, 1957
Physalis floridana
 Ross, A. Frank, 1953
Physalis franchetti
 Hogan, Isme A., 1927
Physalis heterophylla
 Doolittle, S.P. and F.S. Beecher, 1942
 Fernald, Karl Hermann, 1925
 Gardner, Max W. and James B. Kendrick, 1922
Physalis heterophylla var. *nyctaginea*
 Johnson, E.M., 1930
Physalis longifolia
 Crawford, R.F., 1921
Physalis peruviana
 Holmes, Francis O., 1942, 1946
Physalis pubescens
 Ainsworth, G.C., 1933
 Doolittle, S.P. and F.S. Beecher, 1942
 Hogan, Isme A., 1927
 Johnson, E.M., 1930
 Johnson, J., 1926, 1927
 Walker, M.N., 1924, 1925, 1926
Physalis subglabrata
 Fernald, Karl Hermann, 1925
 Gardner, Max W. and James B. Kendrick, 1922
 Holmes, Francis O., 1946
Physalis virginiana
 Gardner, M.W. and J.B. Kendrick, 1922
Phytolacca decandra
 Holmes, Francis O., 1938, 1946
Pisum sativum
 Berkeley, G.H., 1951
Plantago lanceolata
 Boyle, John S. and David C. Wharton, 1957
 Harrison, B.C., 1955
 Holmes, Francis O., 1938, 1941, 1946, 1950
 McKinney, H.H., 1952
Plantago major
 Boyle, John S. and David C. Wharton, 1956
 Harrison, B.D., 1955
 Holmes, Francis O., 1938, 1941, 1946, 1950
 Valleau, W.D. and E.M. Johnson, 1943
Plantago rugelii
 Boyle, John S. and David C. Wharton, 1957
 Holmes, Francis O., 1938, 1946, 1950
 McKinney, H.H., 1952
Polanisia trachysperma
 Holmes, Francis O., 1946
Polygonum aviculare
 Holmes, Francis O., 1938
Polygonum convolvulus
 Holmes, Francis O., 1938
Polygonum erectum
 Holmes, Francis O., 1938
Polygonum hydropiper
 Holmes, Francis O., 1938, 1946
Polygonum persicaria
 Holmes, Francis O., 1938
Portulaca oleracea
 Holmes, Francis O., 1946
Primula malacoides
 Holmes, Francis O., 1946

VIRUS

V. TOBACCO MOSAIC (cont.)

- Primula obconica*
Holmes, Francis O., 1946
Severin, Henry H. P. and C. M. Tompkins, 1950
- Proboscidea louisiana*
Holmes, Francis O., 1946
- Prunella vulgaris*
Holmes, Francis O., 1938, 1946
- Quamoclit pennata*
Grant, T. J., 1934
- Radicula palustris*
Holmes, Francis O., 1938
- Rudbeckia hirta*
Holmes, Francis O., 1946
- Rumex acetosella*
Holmes, Francis O., 1938
- Rumex crispus*
Holmes, Francis O., 1938, 1946
- Rumex obtusifolius*
Holmes, Francis O., 1946
- Salpiglossis sinuata*
Holmes, Francis O., 1946
- Salvia azurea*
Holmes, Francis O., 1946
- Salvia farinacea*
Holmes, Francis O., 1946
- Salvia patens*
Holmes, Francis O., 1946
- Salvia splendens*
Holmes, Francis O., 1946
- Schizanthus pinnatus*
Holmes, Francis O., 1946
- Scrophularia marilandica*
Grant, T. J., 1934
- Silene anglica*
Holmes, Francis O., 1946
- Silene pendula*
Holmes, Francis O., 1946
- Sinningia speciosa*
Holmes, Francis O., 1946
- Sisymbrium officinale*
Holmes, Francis O., 1938
- Sisymbrium thalianum*
Holmes, Francis O., 1938
- Solanum aculeatissimum*
Fernow, Karl Hermann, 1925
- Solanum atropurpureum**
Fernow, Karl Hermann, 1925
- Hoggan, Isme A.*, 1927
- Solanum ciliense* var. *argenteum**
Hoggan, Isme A., 1927
- Solanum capsicastrum*
Holmes, Francis O., 1946
- Solanum carolinense*
Boyle, John S. and David C. Wharton, 1956, 1957
- Fernow, Karl Hermann, 1925
- Gardner, Max W. and James B. Kendrick, 1922
- Johnson, E. M., 1930
- Solanum ciliatum*
Ainsworth, G. C., 1933
- Solanum dulcamara*
Crawford, R. F., 1921
- Gardner, Max W. and James B. Kendrick, 1922
- Holmes, Francis O., 1946
- Jarrett, Phyllis H., 1930
- Solanum integrifolium*
Gardner, Max W. and James B. Kendrick, 1922
- Holmes, Francis O., 1946
- Solanum laciniatum*
Hoggan, Isme A., 1927
- Solanum marginatum*
Hoggan, Isme A., 1927
- Solanum melongena*
Ainsworth, G. C., 1933
- Das, C. R. and S. P. Raychaudhuri, 1953
- Holmes, F. O., 1934, 1946
- Jensen, J. H., 1933
- Johnson, J., 1926
- Solanum melongena* var. *esculentum*
Johnson, E. M., 1930
- Solanum melongena* var. *Hangchow Long* x var. *Black Beauty*
Holmes, F. O., 1934

VIRUS

V. TOBACCO MOSAIC (cont.)

- Solanum melongena* var. *Peking Green* x var. *Black Beauty*
Holmes, F. O., 1934
- Solanum miniatum*
Hoggan, Isme A., 1927
- Solanum nigrum*
Caldwell, John, 1932
- Crawford, R. F., 1921
- Das, C. R. and S. P. Raychaudhuri, 1953
- Fernow, Karl Hermann, 1925
- Fulton, Robert W., 1941
- Hoggan, Isme A., 1927
- Holmes, Francis O., 1946
- Jarrett, Phyllis H., 1930
- Johnson, J., 1926
- Sheffield, F. M. L., 1931
- Stover, W. G., 1928
- Stover, W. G. and M. T. Vermillion, 1933
- Solanum nigrum* var. *nodiflorum**
Holmes, F. O., 1934
- Solanum nigrum* var. *villosum*
Jarrett, Phyllis H., 1930
- Solanum nodiflorum*
Caldwell, John, 1932
- Jarrett, Phyllis H., 1930
- Sheffield, F. M. L., 1931, 1936
- Smith, J. Henderson, 1930
- Solanum pseudocapsicum*
Greenleaf, W. H., 1953
- Holmes, F. O., 1934
- Solanum pyracanthum*
Hoggan, Isme A., 1927
- Solanum sanitwongsei*
Holmes, Francis O., 1946
- Solanum tuberosum*
Berkeley, G. H., 1927
- Blodgett, F. M., 1927
- Fernow, Karl Hermann, 1925
- Hoggan, Isme A., 1927
- Holmes, Francis O., 1946
- Johnson, James, 1927, 1929
- Jones, Leon K., C. L. Vincent and Earl F. Burk, 1940
- Quanjer, H. M., 1920
- Spinacia oleracea*
Fulton, Robert W., 1941
- Grant, T. J., 1934
- Holmes, Francis O., 1946
- Jones, L. K., 1934
- Stellaria media*
Holmes, Francis O., 1938, 1946
- Tagetes erecta*
Holmes, Francis O., 1946
- Tagetes patula*
Grant, T. J., 1934
- Holmes, Francis O., 1946
- Tagetes signata*
Holmes, Francis O., 1946
- Tetragonia expansa*
Grant, T. J., 1934
- Holmes, Francis O., 1946
- Torenia fournieri*
Holmes, Francis O., 1946
- Tropaeolum majus*
Holmes, Francis O., 1946
- Tulipa* spp.
(K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
- Verbascum phoeniceum*
Holmes, Francis O., 1946
- Verbascum thapsus*
Grant, T. J., 1934
- Verbenca canadensis*
Holmes, Francis O., 1946
- Verbena hybrida*
Holmes, Francis O., 1946
- Verbena urticifolia*
Holmes, Francis O., 1938
- Veronica longifolia*
Holmes, Francis O., 1946
- Veronica officinalis*
Holmes, Francis O., 1938, 1946

VIRUS

V. TOBACCO MOSAIC (cont.)

- Veronica peregrina*
Holmes, Francis O., 1938, 1946
Vigna sinensis
Nagaich, B.B. and H.H. Thornberry, 1957
Zaluzianskya villosa
Holmes, Francis O., 1946
Zinnia elegans
Grant, T.J., 1934
Holmes, Francis O., 1946
Price, W.C., 1935
Zinnia haageana
Holmes, Francis O., 1946

V. TOBACCO MOTTLE Smith 1945

- Datura stramonium*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Lycopersicon esculentum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Nicotiana glutinosa
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Nicotiana tabacum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. TOBACCO NECROSIS K.M. Smith and Bald 1935;

Ageratum spp. Price 1938

- Price, W.C., 1940
Amaranthus caudatus
Price, W.C., 1940
Anthriscus cerefolium
Price, W.C., 1940
Antirrhinum majus
Price, W.C., 1940
Arachis hypogaea
Fulton, Robert W., 1950
Avena sativa
Fulton, J.P., 1952
Bignonia capreolata
Price, W.C., 1940
Brassica oleracea var. *capitata*
Fulton, Robert W., 1950
Callistephus chinensis
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Campanula medium
Price, W.C., 1940
Capsicum frutescens (*Capsicum annuum*)
Price, W.C., 1940
Chenopodium amaranticolor
Hollings, M., 1957
Cichorium endivia
Price, W.C., 1940
Citrullus vulgaris
Fulton, Robert W., 1950
Clarkia elegans
Price, W.C., 1940
Cleome spinosa
Price, W.C., 1940
Coleus blumei
Price, W.C., 1940
Price, W.C., Frank P. McWhorter and Betty H.
Steranka, 1950
Convolvulus tricolor
Price, W.C., 1940
Crotalaria intermedia
Price, W.C., 1940
Cucumis melo
Fulton, Robert W., 1950
Cucumis melo var. *reticulatus*
Fulton, J.P., 1952
Cucumis sativus
Fulton, J.P., 1952
Price, W.C., Frank P. McWhorter and Betty H.
Steranka, 1950
Price, W.C. and Ralph W.G. Wyckoff, 1939
Cucurbita maxima
Fulton, J.P., 1952
Fulton, Robert W., 1950
Cucurbita pepo var. *melopepo*
Frazier, Norman W., 1955
Cyamopsis tetragonoloba
Fulton, Robert W., 1950
Cymbalaria muralis
Price, W.C., 1940

VIRUS

V. TOBACCO NECROSIS (cont.)

- Eschscholtzia californica*
Price, W.C., 1940
Fragaria californica
Frazier, Norman W., 1955
Fragaria chiloensis var. *ananassa*
Fulton, J.P., 1952
Fragaria vesca
Frazier, Norman W., 1955
Fulton, J.P., 1952
Gilia capitata
Price, W.C., 1940
Gilia liniflora
Price, W.C., 1940
Glycine max
Price, W.C., 1940
Godetia amoena
Price, W.C., 1940
Gomphrena globosa
Kassanis, B., 1955
Gypsophila elegans
Kassanis, B., 1955
Heliotropium corymbosum
Price, W.C., 1940
Hibiscus manihot
Price, W.C., 1940
Hordeum vulgare
Fulton, Robert W., 1950
Hyoscyamus albus
Price, W.C., 1940
Hyoscyamus niger
Price, W.C., 1940
Incarvillea delavayi
Price, W.C., 1940
Ipomoea setosa
Price, W.C., 1940
Ipomoea spp.
Price, W.C., 1940
Lactuca sativa
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Lathyrus odoratus
Price, W.C., 1940
Lavatera trimestris
Price, W.C., 1940
Limonium sinuatum
Price, W.C., 1940
Linaria macedonica
Price, W.C., 1940
Lobelia tenuior
Price, W.C., 1940
Lychmis alba
Kassanis, B., 1955
Lycopersicon esculentum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Mimulus moschatus
Price, W.C., 1940
Mirabilis jalapa
Price, W.C., 1940
Nemesia strumosa
Price, W.C., 1940
Nemophila menziesii subsp. *insignis*
Price, W.C., 1940
Nicandra physalodes
Price, W.C., 1940
Nicotiana digluta * x *Nicotiana tabacum*
Price, W.C., 1938
Nicotiana glutinosa
Bawden, F.C. and B. Kassanis, 1947
Kassanis, B., 1949, 1955
Price, W.C., 1938
Price, W.C., Frank P. McWhorter and Betty H.
Steranka, 1950
Price, W.C. and Ralph W.G. Wyckoff, 1939
Nicotiana langsdorffii
Price, W.C., 1940
Nicotiana rustica
Price, W.C., 1938
Price, W.C., Frank P. McWhorter and Betty H.
Steranka, 1950
Nicotiana sylvestris
Price, W.C., 1940
Price, W.C., Frank P. McWhorter and Betty H.
Steranka, 1950

VIRUS

V. TOBACCO NECROSIS (cont.)

- Nicotiana tabacum*
 Bawden, F.C. and B. Kassanis, 1947
 Bawden, F.C. and F.M. Roberts, 1948
 Frazier, Norman W., 1955
 Fulton, J.P., 1952
 Fulton, Robert W., 1950
 Kassanis, B., 1949, 1955
 Price, W.C., 1938
 Price, W.C., Frank P. McWhorter and Betty H.
 Steranka, 1950
 Price, W.C. and Ralph W.G. Wyckoff, 1939
Papaver orientale
 Price, W.C., 1940
Pelargonium hortorum
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Penstemon spp.
 Price, W.C., 1940
Phacelia campanularia
 Price, W.C., 1940
Phaseolus aureus
 Price, W.C., 1940
Phaseolus vulgaris
 Bawden, F.C. and B. Kassanis, 1947
 Bawden, F.C. and F.M. Roberts, 1948
 Frazier, Norman W., 1955
 Fulton, J.P., 1952
 Fulton, Robert W., 1950
 Kassanis, B., 1949, 1955
 Price, W.C., 1938
 Price, W.C., Frank P. McWhorter and Betty H.
 Steranka, 1950
 Price, W.C. and Ralph W.G. Wyckoff, 1939
Phlox drummondii
 Price, W.C., 1940
Phytolacca decandra
 Price, W.C., 1940
Pisum sativum
 Price, W.C., 1940
Polanisia trachysperma
 Price, W.C., 1940
Polyanthus spp.
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Portulaca grandiflora
 Price, W.C., 1940
Primula malacoides
 Bawden, F.C. and B. Kassanis, 1947
 Price, W.C., Frank P. McWhorter and Betty H.
 Steranka, 1950
Primula obconica
 Bawden, F.C. and B. Kassanis, 1947
 Price, W.C., Frank P. McWhorter and Betty H.
 Steranka, 1950
Primula vulgaris
 Bawden, F.C. and B. Kassanis, 1947
Proboscidea louisiana
 Price, W.C., 1940
Rheum rhaboticum
 Price, W.C., 1940
Ricinus communis
 Price, W.C., 1940
Rumex crispus
 Price, W.C., 1940
Salpiglossis sinuata
 Price, W.C., 1940
 Price, W.C., Frank P. McWhorter and Betty H.
 Steranka, 1950
Secale cereale
 Price, W.C., 1940
Sinningia speciosa
 Price, W.C., 1940
 Price, W.C., Frank P. McWhorter and Betty H.
 Steranka, 1950
Solanum nodiflorum
 Price, W.C., 1940
Statice armeria
 Price, W.C., 1940
Tetragonia expansa
 Price, W.C., 1940
Trachymene caerulea
 Price, W.C., 1940

VIRUS

V. TOBACCO NECROSIS (cont.)

- Trifolium incarnatum*
 Price, W.C., 1940
Trifolium pratense
 Fulton, Robert W., 1950
Trifolium repens
 Fulton, Robert W., 1950
Triticum aestivum
 Price, W.C., 1940
Tulipa gesneriana
 Fulton, Robert W., 1950
 Kassanis, B., 1949, 1954
Verbascum phoeniceum
 Price, W.C., 1940
Veronica longifolia
 Price, W.C., 1940
Vigna sinensis
 Fulton, J.P., 1952
 Fulton, Robert W., 1950, 1952
 Price, W.C., 1938
 Price, W.C. and Ralph W.G. Wyckoff, 1939
Vinca rosea
 Price, W.C., 1940
 Price, W.C., Frank P. McWhorter and Betty H.
 Steranka, 1950
Viola cornuta
 Price, W.C., 1940
 Price, W.C., Frank P. McWhorter and Betty H.
 Steranka, 1950
Zaluzianskya villosa
 Price, W.C., 1940
Zea mays
 Fulton, J.P., 1952
 Fulton, Robert W., 1950
Zinnia elegans
 Price, W.C., 1940
- V. TOBACCO RING SPOT Fromme et al. 1927
- Acer ginnala*
 Wilkinson, R.E., 1952
Acer negundo
 Wilkinson, R.E., 1952
Amaranthus caudatus
 Fulton, Robert W., 1941
 Price, W.C., 1940
Amaranthus paniculatus
 Wingard, S.A., 1928
Ambrosia trifida
 Wingard, S.A., 1928
Anthriscus cerefolium
 Price, W.C., 1940
Antirrhinum majus
 Berkeley, G.H., 1951, 1953
 Brierley, Philip, 1952
 Brierley, Philip and Floyd F. Smith, 1954
 Travis, R.V. and Philip Brierley, 1957
 Wingard, S.A., 1928
Apium graveolens
 Anderson, C.W., 1954
Apium graveolens var. dulce
 Severin, Henry H.P., 1950
Aquilegia caerulea
 Price, W.C., 1940
Aster amellus
 Pound, Glenn S., 1949
Aster laevis
 Fulton, Robert W., 1941
 Wingard, S.A., 1928
Aster spp.
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Barbarea barbarea
 Wingard, S.A., 1928
Begonia semperflorens
 Price, W.C., 1940
Beta vulgaris
 Cheo, Pen Ching and W.J. Zaumeyer, 1952
 Grogan, R.G. and W.C. Schnathorst, 1955
 Priode, C.N., 1928
 Wingard, S.A., 1928
Beta vulgaris var. cicla
 Wingard, S.A., 1928
Bidens discoidea
 Wingard, S.A., 1928

VIRUS

V. TOBACCO RING SPOT (cont.)

- Calendula officinalis*
 Fulton, Robert W., 1941
 Pound, Glenn S., 1949
 Wingard, S. A., 1928
- Callistephus chinensis*
 Anderson, C. W., 1954
 Cheo, Pen Ching and W. J. Zaumeyer, 1952
 Wingard, S. A., 1928
- Campanula medium*
 Price, W. C., 1940
- Canavalia ensiformis*
 Cheo, Pen Ching and W. J. Zaumeyer, 1952
- Capsella bursa-pastoris*
 Pound, Glenn S., 1949
- Capsicum frutescens* (*Capsicum annuum*)
 Anderson, C. W., 1954
 Berkeley, G. H., 1951
 Steere, Russell L., 1956
- Cardiospermum halicacabum*
 Price, W. C., 1940
- Centaurea moschata*
 Price, W. C., 1940
- Chenopodium album*
 Wingard, S. A., 1928
- Chenopodium amaranticolor*
 Hollings, M., 1956, 1957
- Chenopodium spp.*
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 Travis, R. V. and Philip Brierley, 1957
- Chrysanthemum spp.*
 Price, W. C., 1940
- Cichorium endivia*
 Price, W. C., 1940
- Citrullus vulgaris*
 Anderson, C. W., 1954
 Bridgmon, G. H. and J. C. Walker, 1952
 Grogan, R. G. and W. C. Schnathorst, 1955
 McKeen, C. D., 1957
 Pound, Glenn S., 1949
 Rosberg, David W., 1953
 Shepherd, Robert J. and F. Ben Struble, 1956
 Steere, Russell L., 1956
 Wingard, S. A., 1928
- Citrullus vulgaris* var. *citroides*
 Anderson, C. W., 1954
- Clarkia elegans*
 Price, W. C., 1940
- Cleome spinosa*
 Price, W. C., 1940
- Coleus blumei*
 Price, W. C., 1940
- Convolvulus tricolor*
 Price, W. C., 1940
- Crotalaria intermedia*
 LeBeau, F. J., 1947
- Crotalaria spectabilis*
 Corbett, M. K., 1957
 LeBeau, F. J., 1947
- Cucumis melo*
 Bridgmon, G. H. and J. C. Walker, 1952
 Cheo, Pen Ching and W. J. Zaumeyer, 1952
 Henderson, R. G. and S. A. Wingard, 1951
 Pound, Glenn S., 1949
- Cucumis melo* var. *cantalupensis*
 Wingard, S. A., 1928
- Cucumis melo* var. *reticulatus*
 McKeen, C. D., 1957
- Cucumis sativus*
 Allington, William B., 1946
 Anderson, C. W., 1954
 Berkeley, G. H., 1951, 1953
 Bridgmon, G. H. and J. C. Walker, 1952
 Brierley, Philip and Floyd F. Smith, 1954
 Cheo, Pen Ching and W. J. Zaumeyer, 1952
 Fulton, Robert W., 1941
 Ivanoff, S. S., 1942
 Johnson, E. M., 1930
 LeBeau, F. J., 1947
 McKeen, C. D., 1957
 McKinney, H. H. and E. E. Clayton, 1944
 Pound, Glenn S., 1949
 Rosberg, David W., 1953

VIRUS

V. TOBACCO RING SPOT (cont.)

- Cucumis sativus*
 Shepherd, Robert J. and F. Ben Struble, 1956
 Steere, Russell L., 1956
 Wingard, S. A., 1928
- Cucurbita maxima*
 McKeen, C. D., 1957
 Pound, Glenn S., 1949
- Cucurbita moschata*
 Bridgmon, G. H. and J. C. Walker, 1952
 Wingard, S. A., 1928
- Cucurbita pepo*
 Bridgmon, G. H. and J. C. Walker, 1952
 Cheo, Pen Ching and W. J. Zaumeyer, 1952
 Pound, Glenn S., 1949
 Steere, Russell L., 1956
 Wingard, S. A., 1928
- Cucurbita pepo* var. *melopepo*
 Anderson, C. W., 1954
 Henderson, R. G. and S. A. Wingard, 1953
 Rosberg, David W., 1953
 Wingard, S. A., 1928
- Cucurbita pepo* var. *ovifera*
 Wingard, S. A., 1928
- Cyamopsis psoraloides*
 Cooper, W. E., 1949
 LeBeau, F. J., 1947
 Starr, Chester K. and W. E. Cooper, 1944
- Cyamopsis tetragonoloba*
 Cheo, Pen Ching and W. J. Zaumeyer, 1952
- Cymbalaria muralis*
 Price, W. C., 1940
- Cynoglossum amabile*
 Fulton, Robert W., 1941
 Price, W. C., 1940
- Datura metel*
 Price, W. C., 1940
- Datura spp.*
 Smith, Kenneth M., 1929
- Datura stramonium*
 Berkeley, G. H., 1951, 1953
 Bridgmon, G. H. and J. C. Walker, 1952
 Cheo, Pen Ching and W. J. Zaumeyer, 1952
 Cooper, W. E., 1949
 (K. M. Smith, 1957) R. E. Fitzpatrick, et al., 1958
 Fulton, Robert W., 1941
 Henderson, R. G. and S. A. Wingard, 1931
 Johnson, E. M., 1930
 Steere, Russell L., 1956
 Thomas, H. Rex and W. J. Zaumeyer, 1950
 Wingard, S. A., 1928
- Delphinium hybrid*
 Severin, Henry H. P., 1942
- Dianthus plumarius*
 Price, W. C., 1940
- Dolichos lablab*
 Cheo, Pen Ching and W. J. Zaumeyer, 1952
 Fulton, Robert W., 1941
 Pierce, W. H., 1934
 Wingard, S. A., 1928
- Erigeron canadensis*
 Wingard, S. A., 1928
- Eschscholtzia californica*
 Price, W. C., 1940
- Fraxinus pennsylvanica*
 Wilkinson, R. E., 1952
- Gilia capitata*
 Price, W. C., 1940
- Gilia liniflora*
 Price, W. C., 1940
- Gladiolus hortulanus*
 Berkeley, G. H., 1951, 1953
 Bridgmon, G. H., 1951
 Bridgmon, G. H. and J. C. Walker, 1952
 Brierley, Philip, 1952
 Smith, Floyd F. and Philip Brierley, 1955
- Glycine max*
 Allington, William B., 1946
 Bridgmon, G. H. and J. C. Walker, 1952
 Cheo, Pen Ching and W. J. Zaumeyer, 1952
 Cooper, W. E., 1949
 Desjardins, P. R., R. L. Latterell and J. E. Mitchell, 1954

- VIRUS**
- V. TOBACCO RING SPOT (cont.)**
- Glycine max
 - Dunleavy, John M., 1957
 - Kahn, Robert P., 1956
 - Kahn, Robert P. and Frances M. Latterell, 1955
 - LeBeau, F.J., 1947
 - Pierce, W.H., 1934
 - Starr, Chester K. and W.E. Cooper, 1944
 - Stubbs, M.W., 1937
 - Godetia amoena
 - Price, W.C., 1940
 - Gomphrena globosa
 - Berkeley, G.H., 1953
 - Gomphrena spp.
 - Travis, R.V. and Philip Brierley, 1957
 - Heliotropium corymbosum
 - Price, W.C., 1940
 - Hesperis matronalis
 - Pound, Glenn S., 1949
 - Hibiscus esculentus
 - Fulton, Robert W., 1941
 - Wingard, S.A., 1928
 - Hibiscus syriacus
 - Wilkinson, R.E., 1952
 - Hyoscyamus albus
 - Price, W.C., 1940
 - Hyoscyamus niger
 - Price, W.C., 1940
 - Impatiens balsamina
 - Price, W.C., 1940
 - Incarvillea delavayi
 - Price, W.C., 1940
 - Ipomoea purpurea
 - Wingard, S.A., 1928
 - Iris germanica
 - Travis, R.V. and Philip Brierley, 1957
 - Lactuca sativa
 - Grogan, R.G., Roy Bardin and W.C. Schnathorst, 1954
 - Grogan, R.G. and W.C. Schnathorst, 1955
 - Lactuca sativa var. capitata
 - Wingard, S.A., 1928
 - Lactuca scariola
 - Wingard, S.A., 1928
 - Lactuca serriola
 - Grogan, R.G. and W.C. Schnathorst, 1955
 - Lagenaria siceraria (*Lagenaria leucantha*)
 - Wingard, S.A., 1928
 - Lathyrus odoratus
 - Stubbs, M.W., 1937
 - Lavatera trimestris
 - Price, W.C., 1940
 - Lilium longiflorum
 - Travis, R.V. and Philip Brierley, 1957
 - Linaria macedonica
 - Price, W.C., 1940
 - Lobelia tenuior
 - Price, W.C., 1940
 - Lobularia maritima
 - Price, W.C., 1940
 - Luffa aegyptiaca (*Luffa cylindrica*)
 - Wingard, S.A., 1928
 - Lupinus albus
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - LeBeau, F.J., 1947
 - Pierce, W.H., 1934
 - Stubbs, M.W., 1937
 - Lychnis alba
 - Price, W.C., 1940
 - Lychnis chalcedonica
 - Price, W.C., 1940
 - Lycopersicon esculentum
 - Anderson, C.W., 1954
 - Henderson, R.G. and S.A. Wingard, 1931
 - Steere, Russell L., 1956
 - Medicago sativa
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Melilotus alba
 - Fenne, S.B., 1931
 - Henderson, R.G., 1934
 - Pierce, W.H., 1934
 - Pound, Glenn S., 1949
 - Rich, Saul, 1940
 - Stubbs, M.W., 1937

VIRUS

V. TOBACCO RING SPOT (cont.)

 - Melilotus indica
 - LeBeau, F.J., 1947
 - Pound, Glenn S., 1949
 - Melilotus officinalis
 - Henderson, R.G., 1934
 - Henderson, R.G. and S.A. Wingard, 1931
 - Stubbs, M.W., 1937
 - Wingard, S.A., 1928
 - Mimulus moschatus
 - Price, W.C., 1940
 - Mirabilis jalapa
 - Price, W.C., 1940
 - Mucuna spp.
 - Pierce, W.H., 1934
 - Nemesia strumosa
 - Price, W.C., 1940
 - Nemophila menziesii subsp. insignis
 - Price, W.C., 1940
 - Nicandra physalodes
 - Fulton, Robert W., 1941
 - Johnson, E.M., 1930
 - Wingard, S.A., 1928
 - Nicotiana acuminata
 - Wingard, S.A., 1928
 - Nicotiana alata
 - Steere, Russell L., 1956
 - Nicotiana clevelandii
 - Wingard, S.A., 1928
 - Nicotiana digluta * x Nicotiana tabacum
 - Tall, M.G., W.C. Price and Kenneth Wertman, 1949
 - Nicotiana glauca
 - Grogan, R.G. and W.C. Schnathorst, 1955
 - Smith, Kenneth M., 1931
 - Nicotiana glutinosa
 - Anderson, C.W., 1954
 - Benedict, W.G., 1955
 - Berkeley, G.H., 1951, 1953
 - Bridgmon, G.H. and J.C. Walker, 1952
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - Cooper, W.E., 1949
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Fromme, F.D., S.A. Wingard and C.N. Priode, 1927
 - Fulton, Robert W., 1941
 - Grogan, R.G., Roy Bardin and W.C. Schnathorst, 1954
 - Grogan, R.G. and W.C. Schnathorst, 1955
 - Pierce, W.H., 1934
 - Pound, Glenn S., 1949
 - Wingard, S.A., 1928
 - Nicotiana langsdorffii
 - Fromme, F.D., S.A. Wingard and C.N. Priode, 1927
 - Wingard, S.A., 1928
 - Nicotiana longiflora
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - Wingard, S.A., 1928
 - Nicotiana multivalvis
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Wingard, S.A., 1928
 - Nicotiana paniculata
 - Fromme, F.D., S.A. Wingard and C.N. Priode, 1927
 - Wingard, S.A., 1928
 - Nicotiana plumbaginifolia
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - Wingard, S.A., 1928
 - Nicotiana quadrivalvis
 - Wingard, S.A., 1928
 - Nicotiana repanda
 - Wingard, S.A., 1928
 - Nicotiana rustica
 - Grogan, R.G., Roy Bardin and W.C. Schnathorst, 1954
 - Grogan, R.G. and W.C. Schnathorst, 1955
 - Johnson, E.M., 1930
 - Pound, Glenn S., 1949
 - Wingard, S.A., 1928
 - Nicotiana rustica var. jamaicensis *
 - Wingard, S.A., 1928

VIRUS

V. TOBACCO RING SPOT (cont.)

- Nicotiana sanderae*
Wingard, S.A., 1928
- Nicotiana suaveolens*
Wingard, S.A., 1928
- Nicotiana sylvestris*
Cheo, Pen Ching and W.J. Zaumeyer, 1952
Fromme, F.D., S.A. Wingard and C.N. Priode, 1927
Price, W.C., 1936
Wingard, S.A., 1928
- Nicotiana tabacum*
Allington, William B., 1946
Anderson, C.W., 1954
Benedict, W.G., 1955
Berkeley, G.H., 1951, 1953
Bridgmon, G.H. and J.C. Walker, 1952
Brierley, Philip, 1952
Cheo, Pen Ching and W.J. Zaumeyer, 1952
Cook, A.A., 1956
Cooper, W.E., 1949
Dunleavy, John M., 1957
Fenne, S.B., 1931
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Fromme, F.D., S.A. Wingard and C.N. Priode, 1927
Fulton, Robert W., 1941
Grogan, R.G., Roy Bardin and W.C. Schnathorst, 1954
Grogan, R.G. and W.C. Schnathorst, 1955
Harrison, B.D., 1957
Henderson, R.G. and S.A. Wingard, 1931
Hoggan, I.A., 1933
Johnson, E.M., 1930
Kahn, Robert P. and Frances M. Latterell, 1955
LeBeau, F.J., 1947
McKinney, H.H., 1943
McKinney, H.H. and E.E. Clayton, 1944
Nolla, J.A.B., 1934
Pierce, W.H., 1934
Pound, Glenn S., 1949
Price, W.C., 1936
Roberts, Daniel A., 1952
Rosberg, David W., 1953
Shepherd, Robert J. and F. Ben Struble, 1956
Smith, Kenneth M., 1929, 1935
Starr, Chester K. and W.E. Cooper, 1944
Steere, Russell L., 1956
Stubbs, M.W., 1937
Tall, M.G., W.C. Price and Kenneth Wertman, 1949
Travis, R.V. and Philip Brierley, 1957
Valleau, W.D., 1932, 1935, 1941
Walters, H.J., 1952
Wingard, S.A., 1928
- Nicotiana tabacum* var. *atropurpurea* *
Wingard, S.A., 1928
- Nicotiana tabacum* var. *auriculata* *
Wingard, S.A., 1928
- Nicotiana tabacum* var. *brasiliensis*
Wingard, S.A., 1928
- Nicotiana tabacum* var. *calyciflora*
Wingard, S.A., 1928
- Nicotiana tabacum* var. *calycina* *
Wingard, S.A., 1928
- Nicotiana tabacum* var. *cavala* *
Wingard, S.A., 1928
- Nicotiana tabacum* var. *colossea* *
Wingard, S.A., 1928
- Nicotiana tabacum* var. *gigantea* *
Wingard, S.A., 1928
- Nicotiana tabacum* var. *lacerata* *
Wingard, S.A., 1928
- Nicotiana tabacum* var. *latissima*
Wingard, S.A., 1928
- Nicotiana tabacum* var. *macrophylla*
Wingard, S.A., 1928
- Nicotiana tabacum* var. *microphylla* *
Wingard, S.A., 1928
- Nicotiana tabacum* var. *purpurea* *
Wingard, S.A., 1928
- Nicotiana tabacum* var. *sanguinea* *
Wingard, S.A., 1928

VIRUS

V. TOBACCO RING SPOT (cont.)

- Nicotiana tomentosa*
Wingard, S.A., 1928
- Nicotiana trigonophylla*
Wingard, S.A., 1928
- Parthenium argentatum*
Severin, Henry H.P., 1945
- Penstemon* spp.
Price, W.C., 1940
- Petunia hybrida*
Berkeley, G.H., 1953
Cheo, Pen Ching and W.J. Zaumeyer, 1952
Cooper, W.E., 1949
Dunleavy, John M., 1957
Grogan, R.G., Roy Bardin and W.C. Schnathorst, 1954
Grogan, R.G. and W.C. Schnathorst, 1955
Pound, Glenn S., 1949
Priode, C.N., 1928
Shepherd, Robert J. and F. Ben Struble, 1956
Smith, Kenneth M., 1929
Starr, Chester K. and W.E. Cooper, 1944
Steere, Russell L., 1956
- Petunia violacea*
Fulton, Robert W., 1941
Henderson, R.G., 1931
Henderson, R.G. and S.A. Wingard, 1931
Wingard, S.A., 1928
- Phacelia campanularia*
Price, W.C., 1940
- Phaseolus aconitifolius*
Cheo, Pen Ching and W.J. Zaumeyer, 1952
- Phaseolus acutifolius* var. *latifolius*
Cheo, Pen Ching and W.J. Zaumeyer, 1952
- Phaseolus angularis*
Cheo, Pen Ching and W.J. Zaumeyer, 1952
- Phaseolus aureus*
Cheo, Pen Ching and W.J. Zaumeyer, 1952
Cooper, W.E., 1949
Pierce, W.H., 1934
Starr, Chester K. and W.E. Cooper, 1944
- Phaseolus calcaratus*
Pierce, W.H., 1934
- Phaseolus coccineus*
Cheo, Pen Ching and W.J. Zaumeyer, 1952
- Phaseolus lathyroides*
Cheo, Pen Ching and W.J. Zaumeyer, 1952
- Phaseolus limensis*
Pierce, W.H., 1934
- Phaseolus lunatus*
Cooper, W.E., 1949
LeBeau, F.J., 1947
Pierce, W.H., 1934
Wingard, S.A., 1928
- Phaseolus multiflora*
LeBeau, F.J., 1947
- Phaseolus mungo*
Cheo, Pen Ching and W.J. Zaumeyer, 1952
- Phaseolus vulgaris*
Allington, William B., 1946
Anderson, C.W., 1954
Berkeley, G.H., 1951, 1953
Bridgmon, G.H. and J.C. Walker, 1952
Brierley, Philip, 1952
Cheo, Pen Ching and W.J. Zaumeyer, 1952
Cooper, W.E., 1949
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Grogan, R.G., Roy Bardin and W.C. Schnathorst, 1954
Grogan, R.G. and W.C. Schnathorst, 1955
Kahn, Robert P. and Frances M. Latterell, 1955
LeBeau, F.J., 1947
McKinney, H.H. and E.E. Clayton, 1944
Pierce, W.H., 1944
Pound, Glenn S., 1949
Roberts, Daniel A., 1952
Rosberg, David W., 1953
Shepherd, Robert J. and F. Ben Struble, 1956
Stubbs, M.W., 1937
Tall, M.G., W.C. Price and Kenneth Wertman, 1949
Thomas, H. Rex and W.J. Zaumeyer, 1950
Travis, R.V. and Philip Brierley, 1957

- VIRUS**
- V. TOBACCO RING SPOT (cont.)
- Phaseolus vulgaris
 - Wingard, S.A., 1928
 - Zaumeyer, W.J. and B.L. Wade, 1935
 - Physalis angulata
 - Wingard, S.A., 1928
 - Physalis heterophylla var. nyctaginea
 - Johnson, E.M., 1930
 - Physalis peruviana
 - Price, W.C., 1940
 - Physalis pubescens
 - Cooper, W.E., 1949
 - Physostegia virginiana
 - Price, W.C., 1940
 - Phytolacca decandra
 - Johnson, E.M., 1930
 - Priode, C.N., 1928
 - Wingard, S.A., 1928
 - Pisum sativum
 - Berkeley, G.H., 1951, 1953
 - Bridgmon, G.H. and J.C. Walker, 1952
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - Cooper, W.E., 1949
 - Grogan, R.G. and W.C. Schnathorst, 1955
 - LeBeau, F.J., 1947
 - Pound, Glenn S., 1949
 - Rosberg, David W., 1953
 - Stubbs, M.W., 1937
 - LeBeau, F.J., 1947
 - Plantago lanceolata
 - Price, W.C., 1940
 - Platycodon grandiflorum
 - Price, W.C., 1940
 - Polanisia trachysperma
 - Price, W.C., 1940
 - Polygonum hydropiper
 - Wingard, S.A., 1928
 - Portulaca grandiflora
 - Price, W.C., 1940
 - Primula obconica
 - Price, W.C., 1940
 - Proboscidea louisiana
 - Price, W.C., 1940
 - Prunus avium
 - Wilkinson, R.E., 1952
 - Rheum rhabonticum
 - Price, W.C., 1940
 - Ricinus communis
 - Cook, A.A., 1956
 - Wingard, S.A., 1928
 - Rumex crispus
 - Price, W.C., 1940
 - Salpiglossis sinuata
 - Price, W.C., 1940
 - Salvia splendens
 - Fulton, Robert W., 1941
 - Wingard, S.A., 1928
 - Sambucus canadensis
 - Wilkinson, R.E., 1952
 - Scabiosa atropurpurea
 - Wingard, S.A., 1928
 - Sesamum orientale
 - Cooper, W.E., 1949
 - Solanum carolinense
 - Wingard, S.A., 1928
 - Solanum melongena
 - Fulton, Robert W., 1941
 - Ivanoff, S.S., 1942
 - Jones, S.E., 1942
 - Valleau, W.D., 1951
 - Solanum melongena var. esculentum
 - Wingard, S.A., 1928
 - Solanum nigrum
 - Wingard, S.A., 1928
 - Solanum nodiflorum
 - Price, W.C., 1940
 - Solanum pseudocapsicum
 - Wingard, S.A., 1928
 - Solanum triflorum
 - Pound, Glenn S., 1949
 - Solanum tuberosum
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
- VIRUS**
- V. TOBACCO RING SPOT (cont.)
- Solanum tuberosum
 - Grogan, R.G. and W.C. Schnathorst, 1955
 - Henderson, R.G. and S.A. Wingard, 1931
 - Valleau, W.D., 1932
 - Spinacia oleracea
 - Bridgmon, G.H. and J.C. Walker, 1952
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Fulton, Robert W., 1941
 - Grogan, R.G. and W.C. Schnathorst, 1955
 - Hoggan, I.A., 1933
 - Tagetes erecta
 - Grogan, R.G. and W.C. Schnathorst, 1955
 - Wingard, S.A., 1928
 - Tetragonia expansa
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - Priode, C.N., 1928
 - Wingard, S.A., 1928
 - Thlaspi arvense
 - Pound, Glenn S., 1949
 - Trachymene caerulea
 - Price, W.C., 1940
 - Trifolium hybridum
 - Rich, Saul, 1940
 - Trifolium incarnatum
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - Pierce, W.H., 1934
 - Stubbs, M.W., 1937
 - Trifolium pratense
 - Benedict, W.G., 1955
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - Pound, Glenn S., 1949
 - Trifolium repens
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Trigonella foenum-graecum
 - Grogan, R.G. and W.C. Schnathorst, 1955
 - Tropaeolum majus
 - Anderson, C.W., 1954
 - Price, W.C., 1940
 - Tropaeolum peregrinum
 - Price, W.C., 1940
 - Ulmus americana
 - Wilkinson, R.E., 1952
 - Verbascum phoeniceum
 - Price, W.C., 1940
 - Verbena venosa
 - Price, W.C., 1940
 - Verbesina alternifolia
 - Fenne, S.B., 1931
 - Henderson, R.G. and S.A. Wingard, 1931
 - Veronica longifolia
 - Price, W.C., 1940
 - Vicia faba
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Pound, Glenn S., 1949
 - Vicia faba var. minor *
 - Pierce, W.H., 1934
 - Stubbs, M.W., 1937
 - Vicia sativa
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - LeBeau, F.J., 1947
 - Pierce, W.H., 1934
 - Vigna cylindrica (Vigna catjang)
 - Cooper, W.E., 1949
 - Vigna sesquipedalis
 - Cooper, W.E., 1949
 - Pierce, W.H., 1934
 - Vigna sinensis
 - Anderson, C.W., 1954
 - Benedict, W.G., 1955
 - Berkeley, G.H., 1953
 - Bridgmon, G.H. and J.C. Walker, 1952
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - Cooper, W.E., 1949
 - Desjardins, P.R., R.L. Latterell and J.E. Mitchell, 1954
 - Dunleavy, John M., 1957
 - Grogan, R.G., Roy Bardin and W.C. Schnathorst, 1954
 - Grogan, R.G. and W.C. Schnathorst, 1955
 - Kahn, Robert P., 1956

VIRUS

V. TOBACCO RING SPOT (cont.)

- Vigna sinensis*
 Kahn, Robert P. and Frances M. Latterell, 1955
LeBeau, F.J., 1947
Pierce, W.H., 1934
Pound, Glenn S., 1949
Price, W.C., 1936
Rosberg, David W., 1953
Shepherd, Robert J. and *F. Ben Struble*, 1956
Starr, Chester K. and *W.E. Cooper*, 1944
Steere, Russell L., 1956
Walters, H.J., 1952
Wingard, S.A., 1928
- Vinca rosea*
Price, W.C., 1940
- Viola cornuta*
Price, W.C., 1940
- Viola papilionacea*
Wingard, S.A., 1928
- Viola tricolor*
 (K.M. Smith, 1957) *R.E. Fitzpatrick*, et al., 1958
McKinney, H.H. and *E.E. Clayton*, 1944
Wingard, S.A., 1928
- Zaluzianskya villosa*
Price, W.C., 1940
- Zea mays*
Bridgmon, G.H., 1951
Bridgmon, G.H. and *J.C. Walker*, 1952
- Zinnia elegans*
Anderson, C.W., 1954
Bridgmon, G.H. and *J.C. Walker*, 1952
Cheo, Pen Ching and *W.J. Zaumeyer*, 1952
Fulton, Robert W., 1941
Grogan, R.G. and *W.C. Schnathorst*, 1955
Pound, Glenn S., 1949
Price, W.C., 1935
Wingard, S.A., 1928
- V. TOBACCO RING SPOT NO. 2 Price 1936
- Althaea rosea*
Wilkinson, R.E., 1952
- Amaranthus caudatus*
Hildebrand, E.M., 1942
Price, W.C., 1940
- Anthriscus cerefolium*
Price, W.C., 1940
- Antirrhinum majus*
Brierley, Philip, 1954
- Arctium lappa*
Wilkinson, R.E., 1952
- Asperula odorata*
Price, W.C., 1940
- Begonia semperflorens*
Price, W.C., 1940
- Beta vulgaris*
Hildebrand, E.M., 1942
Price, W.C., 1940
- Callistephus chinensis*
Brierley, Philip, 1954
Hildebrand, E.M., 1942
Price, W.C., 1940
- Campanula medium*
Price, W.C., 1940
- Clarkia elegans*
Price, W.C., 1940
- Cleome spinosa*
Price, W.C., 1940
- Coleus blumei*
Hildebrand, E.M., 1942
Price, W.C., 1940
- Convolvulus tricolor*
Price, W.C., 1940
- Cucumis sativus*
Brierley, Philip, 1954
Hildebrand, E.M., 1942
Price, W.C., 1940
- Cucurbita maxima*
Steere, Russell L., 1956
Wilkinson, R.E., 1952
- Cucurbita moschata*
Steere, Russell L., 1956
- Cymbalaria muralis*
Hildebrand, E.M., 1942

VIRUS

- V. TOBACCO RING SPOT NO. 2 (cont.)
- Cymbalaria muralis*
Price, W.C., 1940
- Datura stramonium*
Brierley, Philip, 1954
- Eschscholtzia californica*
Brierley, Philip, 1954
- Gilia capitata*
Brierley, Philip, 1954
- Gilia liniflora*
Price, W.C., 1940
- Godetia amoena*
Price, W.C., 1940
- Helichrysum bracteatum*
Brierley, Philip, 1954
- Heliotropium carymbosum*
Price, W.C., 1940
- Hibiscus manihot*
Price, W.C., 1940
- Hydrangea macrophylla*
Brierley, Philip, 1954
- Impatiens balsamina*
Price, W.C., 1940
- Ipomoea setosa*
Price, W.C., 1940
- Linaria macedonica*
Price, W.C., 1940
- Lobularia maritima*
Hildebrand, E.M., 1942
Price, W.C., 1940
- Lychnis chalcedonica*
Hildebrand, E.M., 1942
Price, W.C., 1940
- Lycopersicon esculentum*
Brierley, Philip, 1954
Hildebrand, E.M., 1942
Price, W.C., 1936
 Thomas, H. Rex and W.J. Zaumeyer, 1950
- Mimulus moschatus*
Price, W.C., 1940
- Mirabilis jalapa*
Price, W.C., 1940
- Nemesia strumosa*
Price, W.C., 1940
- Nemophila menziesii subsp. *insignis**
Hildebrand, E.M., 1942
Price, W.C., 1940
- Nicotiana alata*
Wilkinson, R.E., 1952
- Nicotiana digluta* * x *Nicotiana tabacum*
Tall, M.G., *W.C. Price* and *Kenneth Wertman*, 1949
- Nicotiana glutinosa*
Hildebrand, E.M., 1942
Price, W.C., 1936
- Nicotiana langsdorffii*
Hildebrand, E.M., 1942
Price, W.C., 1936
- Nicotiana rustica*
Hildebrand, E.M., 1941, 1942
- Nicotiana sylvestris*
Hildebrand, E.M., 1942
Price, W.C., 1936
- Nicotiana tabacum*
Brierley, Philip, 1954
Hildebrand, E.M., 1941, 1942
Price, W.C., 1936
 Tall, M.G.; *W.C. Price* and *Kenneth Wertman*, 1949
- Oenothera spp.
Wilkinson, R.E., 1952
- Pastinaca sativa*
Wilkinson, R.E., 1952
- Pelargonium hortorum*
Hildebrand, E.M., 1942
Price, W.C., 1940
- Penstemon* spp.
Price, W.C., 1940
- Petunia hybrida*
Brierley, Philip, 1954
- Phaseolus vulgaris*
Hildebrand, E.M., 1942
Price, W.C., 1936

- VIRUS**
- V. TOBACCO RING SPOT NO. 2 (cont.)
- Phaseolus vulgaris
 - Tall, M.G., W.C. Price and Kenneth Wertman, 1949
 - Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Phlox drummondii
 - Brierley, Philip, 1954
 - Hildebrand, E.M., 1942
 - Price, W.C., 1940
 - Phytolacca decandra
 - Hildebrand, E.M., 1942
 - Price, W.C., 1940
 - Pisum sativum
 - Wilkinson, R.E., 1952
 - Platycodon grandiflorum
 - Brierley, Philip, 1954
 - Proboscidea louisiana
 - Price, W.C., 1940
 - Raphanus sativus
 - Price, W.C., 1940
 - Reseda odorata
 - Hildebrand, E.M., 1942
 - Price, W.C., 1940
 - Rheum rhabonticum
 - Price, W.C., 1940
 - Ribes sativum
 - Hildebrand, E.M., 1941, 1942
 - Ricinus communis
 - Hildebrand, E.M., 1942
 - Price, W.C., 1940
 - Rumex crispus
 - Price, W.C., 1940
 - Sanvitalia procumbens
 - Holmes, Francis O., 1946
 - Sedum acre
 - Hildebrand, E.M., 1942
 - Price, W.C., 1940
 - Senecio cruentus
 - Brierley, Philip, 1954
 - Silene compacta
 - Brierley, Philip, 1954
 - Sinningia speciosa
 - Brierley, Philip, 1954
 - Hildebrand, E.M., 1942
 - Price, W.C., 1940
 - Solanum carolinense
 - Wilkinson, R.E., 1952
 - Solanum nodiflorum
 - Hildebrand, E.M., 1942
 - Spinacia oleracea
 - Brierley, Philip, 1954
 - Tetragonia expansa
 - Brierley, Philip, 1954
 - Price, W.C., 1940
 - Tropaeolum majus
 - Brierley, Philip, 1954
 - Verbascum pheoniceum
 - Price, W.C., 1940
 - Verbena venosa
 - Price, W.C., 1940
 - Verbesina encelioides
 - Brierley, Philip, 1954
 - Veronica longifolia
 - Price, W.C., 1940
 - Vigna sinensis
 - Hildebrand, E.M., 1942
 - Price, W.C., 1936
 - Vinca rosea
 - Hildebrand, E.M., 1942
 - Price, W.C., 1940
 - Viola cornuta
 - Price, W.C., 1940
 - Zaluzianskya villosa
 - Price, W.C., 1940
 - Zinnia elegans
 - Brierley, Philip, 1954
 - Hildebrand, E.M., 1942
 - Price, W.C., 1940
- V. TOBACCO STREAK J. Johnson 1936
- Abutilon theophrasti
 - Fulton, Robert W., 1948
- VIRUS**
- V. TOBACCO STREAK (cont.)
- Aeschynomene indica
 - Fulton, Robert W., 1948
 - Althaea rosea
 - Fulton, Robert W., 1948
 - Ambrosia artemisiifolia
 - Fulton, Robert W., 1948
 - Ambrosia trifida
 - Fulton, Robert W., 1948
 - Antirrhinum spp.
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Apium graveolens
 - Fulton, Robert W., 1948
 - Arctium minus
 - Fulton, Robert W., 1948
 - Asclepias syriaca
 - Fulton, Robert W., 1948
 - Beta patellaris
 - Costa, A.S., 1952
 - Beta vulgaris
 - Fulton, Robert W., 1948
 - Brassica kaber (Brassica arvensis)
 - Fulton, Robert W., 1948
 - Callistephus chinensis
 - Fulton, Robert W., 1948
 - Capsicum frutescens (Capsicum annuum)
 - Fulton, Robert W., 1948
 - Cerastium vulgatum
 - Fulton, Robert W., 1948
 - Chenopodium album
 - Fulton, Robert W., 1948
 - Chenopodium spp.
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Cichorium endiva
 - Fulton, Robert W., 1948
 - Citrullus vulgaris
 - Fulton, Robert W., 1948
 - Convolvulus arvensis
 - Fulton, Robert W., 1948
 - Convolvulus spp.
 - Fulton, Robert W., 1948
 - Crotalaria intermedia
 - Fulton, Robert W., 1948
 - Crotalaria spectabilis
 - Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Cucumis melo
 - Fulton, Robert W., 1948
 - Cucumis sativus
 - Fulton, Robert W., 1948
 - Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Cucurbita maxima
 - Fulton, Robert W., 1948
 - Cucurbita pepo
 - Fulton, Robert W., 1948
 - Gymnopus tetragonoloba
 - Fulton, Robert W., 1948
 - Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Datura metel
 - Fulton, Robert W., 1948
 - Datura stramonium
 - Fulton, Robert W., 1941, 1948
 - Johnson, J., 1936
 - Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Dolichos biflorus
 - Fulton, Robert W., 1948
 - Fagopyrum esculentum
 - Fulton, Robert W., 1948
 - Fragaria virginiana
 - Fulton, Robert W., 1948
 - Geum spp.
 - Fulton, Robert W., 1948
 - Glycine max
 - Fulton, Robert W., 1948
 - Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Gossypium hirsutum
 - Fulton, Robert W., 1948
 - Hedysarum coronarium
 - Fulton, Robert W., 1948
 - Hibiscus esculentus
 - Fulton, Robert W., 1948
 - Hibiscus spp.
 - Fulton, Robert W., 1948

VIRUS

- V. TOBACCO STREAK (cont.)
- Iodanthus pinnatifidus*
Fulton, Robert W., 1948
 - Lactuca sativa*
Fulton, Robert W., 1948
 - Lupinus albus*
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Lupinus angustifolius*
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Lychnis alba*
Fulton, Robert W., 1948
 - Lycium halimifolium*
Fulton, Robert W., 1948
 - Lycopersicon esculentum*
Fulton, Robert W., 1948
 - Malva rotundifolia*
Fulton, Robert W., 1948
 - Melilotus alba*
Fulton, Robert W., 1948
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Melilotus indica*
Diachun, Stephen and W.D. Valleau, 1950
 - Melilotus officinalis*
Fulton, Robert W., 1948
 - Melilotus spp.*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Mirabilis jalapa*
Fulton, Robert W., 1948
 - Nepeta cataria*
Fulton, Robert W., 1948
 - Nicandra physalodes*
Fulton, Robert W., 1948
Johnson, J., 1936
 - Nicotiana acuminata*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana alata*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana arentsi*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana attenuata*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana benavidesii*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana benthamiana*
Diachun, Stephen and W.D. Valleau, 1947, 1954
 - Nicotiana bigelovii*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana bonariensis*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana clevelandi*
Diachun, Stephen and W.D. Valleau, 1947, 1954
 - Nicotiana cordifolia*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana corymbosa*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana debneyi*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana exigua*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana fragrans*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana glauca*
Diachun, Stephen and W.D. Valleau, 1947, 1954
 - Nicotiana glutinosa*
Diachun, Stephen and W.D. Valleau, 1954
Fulton, Robert W., 1941
Johnson, J., 1936
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Nicotiana goodspeedii*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana gossei*
Diachun, Stephen and W.D. Valleau, 1947, 1954
 - Nicotiana knightiana*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana langsdorffii*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana linearis*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana longiflora*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana maritima*
Diachun, Stephen and W.D. Valleau, 1954

VIRUS

- V. TOBACCO STREAK (cont.)
- Nicotiana megalosiphon*
Diachun, Stephen and W.D. Valleau, 1947, 1954
 - Nicotiana miersii*
Diachun, Stephen and W.D. Valleau, 1947, 1954
 - Nicotiana nesophila*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana nudicaulis*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana occidentalis*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana otophora*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana palmeri*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana paniculata*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana pauciflora*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana plumbaginifolia*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana raimondii*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana repanda*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana rotundifolia*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana rustica*
Diachun, Stephen, 1947
Diachun, Stephen and W.D. Valleau, 1950, 1954
Johnson, J., 1936
Price, W.C. and L.M. Black, 1941
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Nicotiana setchellii*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana spp.*
Fulton, Robert W., 1948
 - Nicotiana stocktoni*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana suaveolens*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana sylvestris*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana tabacum*
Costa, A.S., 1945, 1952
Diachun, Stephen, 1947
Diachun, Stephen and W.D. Valleau, 1950, 1954
Fulton, Robert W., 1941, 1956
Johnson, J., 1936
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Nicotiana tabacum x Nicotiana glutinosa*
Johnson, J., 1936
 - Nicotiana tomentosa*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana tomentosiformis*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana trigonophylla*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana undulata*
Diachun, Stephen and W.D. Valleau, 1954
 - Nicotiana velutina*
Diachun, Stephen and W.D. Valleau, 1954
 - Oenothera biennis*
Fulton, Robert W., 1948
 - Petunia hybrida*
Fulton, Robert W., 1948
 - Phaseolus aconitifolius*
Fulton, Robert W., 1948
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Phaseolus aureus*
Fulton, Robert W., 1948
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Phaseolus coccineus*
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Phaseolus mungo*
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Phaseolus vulgaris*
Fulton, Robert W., 1948
Thomas, H. Rex and W.J. Zaumeyer, 1950
Thomas, W.D., Jr., 1949
Thomas, W.D., Jr. and R.W. Graham, 1951
 - Physalis pubescens*
Fulton, Robert W., 1948

- VIRUS**
- V. TOBACCO STREAK (cont.)
- Physalis pubescens*
Johnson, J., 1936
 - Pisum sativum*
Fulton, Robert W., 1948
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Plantago major*
Fulton, Robert W., 1948
 - Polygonum persicariae*
Fulton, Robert W., 1948
 - Portulaca oleracea*
Fulton, Robert W., 1948
 - Potentilla monspeliensis*
Fulton, Robert W., 1948
 - Psoralea bituminosa*
Fulton, Robert W., 1948
 - Robinia pseudoacacia*
Fulton, Robert W., 1948
 - Rumex britannica*
Fulton, Robert W., 1948
 - Rumex crispus*
Fulton, Robert W., 1948
 - Schizanthus wisetonensis*
Fulton, Robert W., 1948
 - Sicyos angulatus*
Fulton, Robert W., 1948
 - Silene noctiflora*
Fulton, Robert W., 1948
 - Sisymbrium officinale*
Fulton, Robert W., 1948
 - Solanum aculeatissimum*
Fulton, Robert W., 1948
 - Solanum dulcamara*
Fulton, Robert W., 1948
 - Solanum integrifolium*
Fulton, Robert W., 1948
 - Solanum melongena*
Fulton, Robert W., 1948
 - Solanum nigrum*
Fulton, Robert W., 1948
 - Solanum triflorum*
Fulton, Robert W., 1948
 - Solanum tuberosum*
Fulton, Robert W., 1948
 - Sonchus oleraceus*
Fulton, Robert W., 1948
 - Spergula arvensis*
Fulton, Robert W., 1948
 - Spinacia oleracea*
Fulton, Robert W., 1948
 - Taraxacum officinale*
Fulton, Robert W., 1948
 - Trifolium glomeratum*
Fulton, Robert W., 1948
 - Trifolium incarnatum*
Fulton, Robert W., 1948
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Trifolium pratense*
Fulton, Robert W., 1948
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Trifolium repens*
Fulton, Robert W., 1948
 - Trigonella spp.*
Fulton, Robert W., 1948
 - Tropaeolum majus*
Fulton, Robert W., 1948
 - Venidium fastuosum*
Fulton, Robert W., 1948
 - Verbascum thapsus*
Fulton, Robert W., 1948
 - Vicia faba*
Fulton, Robert W., 1948
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Vicia sativa*
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Vigna sesquipedalis*
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Vigna sinensis*
Thomas, H. Rex and W.J. Zaumeyer, 1950
 - Vinca rosea*
Fulton, Robert W., 1948
 - Zinnia elegans*
Fulton, Robert W., 1948
- VIRUS**
- V. TOBACCO STUNT *
- Nicotiana tabacum*
Hidaka, Zyun, Tetsuo Uozumi and Chuji Hiruki, 1956
- V. TOBACCO VEIN DISTORTING Smith 1945
- Datura stramonium*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Lycopersicon esculentum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Nicotiana glutinosa*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Nicotiana sylvestris*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Nicotiana tabacum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. TOBACCO YELLOW DWARF Hill 1937
- Brassica adpressa*
Helson, G.A.H., 1950
 - Callistephus chinensis*
Helson, G.A.H., 1950
 - Cryptostemma calendulaceum*
Helson, G.A.H., 1950
Hill, A.V., 1950
 - Datura stramonium*
Helson, G.A.H., 1950
Hill, A.V., 1950
Hill, A.V. and M. Mandryk, 1954
 - Datura stramonium var. tatula*
Helson, G.A.H., 1950
 - Erodium cicutarium*
Helson, G.A.H., 1950
Hill, A.V., 1950
 - Erodium cygnorum*
Helson, G.A.H., 1950
 - Hypochoeris radicata*
Helson, G.A.H., 1950
 - Lycopersicon esculentum*
Hill, A.V., 1950
Hill, A.V. and M. Mandryk, 1954
 - Malva parviflora*
Helson, G.A.H., 1950
 - Medicago denticulata*
Helson, G.A.H., 1950
Hill, A.V., 1950
 - Medicago sativa*
Helson, G.A.H., 1950
 - Modiola caroliniana*
Helson, G.A.H., 1950
 - Nicotiana australasiae*
Hill, A.V. and M. Mandryk, 1954
 - Nicotiana excelsior*
Hill, A.V. and M. Mandryk, 1954
 - Nicotiana glauca*
Hill, A.V., 1950
Hill, A.V. and M. Mandryk, 1954
 - Nicotiana glutinosa*
Hill, A.V., 1950
Hill, A.V. and M. Mandryk, 1954
 - Nicotiana gossei*
Hill, A.V. and M. Mandryk, 1954
 - Nicotiana maritima*
Hill, A.V. and M. Mandryk, 1954
 - Nicotiana rustica*
Hill, A.V. and M. Mandryk, 1954
 - Nicotiana suaveolens*
Hill, A.V. and M. Mandryk, 1954
 - Nicotiana tabacum*
Hill, A.V., 1950
Hill, A.V. and M. Mandryk, 1954
 - Nicotiana tabacum var. atropurpurea **
Hill, A.V. and M. Mandryk, 1954
 - Silybum mariannum*
Helson, G.A.H., 1950
 - Solanum laciniatum*
Hill, A.V., 1950
 - Solanum nigrum*
Hill, A.V., 1950
 - Solanum opacum*
Hill, A.V. and M. Mandryk, 1954
 - Sonchus oleraceus*
Helson, G.A.H., 1950
 - Trifolium repens*
Helson, G.A.H., 1950

VIRUS

- V. TOMATO ASPERMY Belncowe and Caldwell 1949
Antirrhinum majus
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 Hollings, M., 1955
Beta vulgaris
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 Hollings, M., 1955
Calendula officinalis
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 Hollings, M., 1955
Callistephus chinensis
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1953, 1955
 Hollings, M., 1955
Canna indica
 Ocemia, G.O., 1956
Capsicum frutescens (*Capsicum annuum*)
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1953, 1955
 Hollings, M., 1955
Celosia argentea var. *cristata*
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
Chenopodium amaranticolor
 Hollings, M., 1955, 1956
Chrysanthemum carinatum
 Hollings, M., 1955
Chrysanthemum coccineum
 Hollings, M., 1955
Chrysanthemum frutescens
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
Chrysanthemum hortorum
 Graham, D.C., 1957
Chrysanthemum indicum
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Hollings, M., 1955
Chrysanthemum leucanthemum
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
Chrysanthemum morifolium
 Blencowe, J.W. and John Caldwell, 1949
 Brierley, Philip, 1955
 Brierley, Philip and Floyd F. Smith, 1953, 1957
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1953, 1955
 Hollings, M., 1955
 Holmes, Francis O., 1956
 Ocemia, G.O., 1956
Chrysanthemum parthenium f. *flosculosum* *
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
Convolvulus tricolor
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
Cucumis sativus
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1953, 1955
 Hollings, M., 1955
Datura inoxia
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
Datura stramonium
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 Hollings, M., 1955
Delphinium ajacis
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
Emilia sagittata
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
Gaillardia pulchella var. *picta*
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
Galinsoga parviflora
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
Glycine max
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

VIRUS

- V. TOMATO ASPERMY (cont.)
Gomphrena globosa
 Hollings, M., 1955
Helichrysum bracteatum
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 Hollings, M., 1955
Hyoscyamus niger
 Hollings, M., 1955
Impatiens balsamina
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
Ipomoea purpurea
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
Lactuca sativa
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1953, 1955
 Hollings, M., 1955
Lilium longiflorum
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
Lobelia erinus
 Hollings, M., 1955
Lycopersicon esculentum
 Blencowe, J.W. and John Caldwell, 1949
 Brierley, Philip and Floyd F. Smith, 1953
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1953, 1955
 Hollings, M., 1955
Nicotiana glutinosa
 Blencowe, J.W. and John Caldwell, 1949
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 Hollings, M., 1955
 Ocemia, G.O., 1956
 Wilkinson, John, 1952
Nicotiana rustica
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 Hollings, M., 1955
Nicotiana sylvestris
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
Nicotiana tabacum
 Blencowe, J.W. and John Caldwell, 1949
 Brierley, Philip, 1955
 Brierley, Philip and Floyd F. Smith, 1953
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1953, 1955
 Hollings, M., 1955
 Ocemia, G.O., 1956
Petunia hybrida
 Brierley, Philip and Floyd F. Smith, 1953
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1953, 1955
Petunia hybrida var. *erecta* *
 Hollings, M., 1955
Petunia hybrida var. *nana compacta* *
 Hollings, M., 1955
Phaseolus vulgaris
 Hollings, M., 1955
Phlox drummondii
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 Hollings, M., 1955
Physalis angulata
 Brierley, Philip and Floyd F. Smith, 1953
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1953, 1955
Physalis floridana
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
Primula sinensis
 Hollings, M., 1955
Primula sinensis var. *stellata*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Rheum rhaboticum
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Salpiglossis sinuata
 Hollings, M., 1955
Senecio cruentus
 Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955

- VIRUS**
- V. **TOMATO ASPERMY** (cont.)
- Senecio cruentus*
Hollings, M., 1955
 - Solanum melongena*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 - Spinacia oleracea*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1953, 1955
 - Hollings, M., 1955
 - Tetragonia expansa*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 - Tropaeolum majus*
Hollings, M., 1955
 - Verbesina encelioides*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 - Vigna sinensis*
Hollings, M., 1955
 - Zinnia elegans*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle, 1955
 - Hollings, M., 1955
- V. **TOMATO BIG BUD** Samuel et al. 1933
- Apitum graveolens*
Helms, Katie, 1957
 - Beta vulgaris*
Helms, Katie, 1957
Hill, A.V. and M. Mandryk, 1954
 - Calendula officinalis*
Helms, Katie, 1957
 - Crotalaria goreensis*
Helms, Katie, 1957
 - Datura stramonium*
Helms, Katie, 1957
Hill, A.V. and M. Mandryk, 1954
Norris, D.O., 1954
 - Datura stramonium* var. *tatula*
Helms, Katie, 1957
 - Daucus carota*
Helms, Katie, 1957
 - Daucus carota* var. *sativa*
Kunkel, L.O., 1951
 - Lactuca sativa*
Helms, Katie, 1957
 - Lycopersicon esculentum*
Alvarez-Garcia, L.A. and Jose Adsuar, 1950
Dana, B.F., 1940
Helms, Katie, 1957
Hill, A.V. and M. Mandryk, 1954
Hutton, E.M. and D.C. Work, 1947
Menzies, J.D., 1950
Norris, D.O., 1954
Samuel, G., J.G. Bald and C.M. Eardley, 1933
Vasudeva, R. Sahai and T.B. Lal, 1944
 - Lycopersicon hirsutum*
Hutton, E.M. and D.C. Work, 1947
 - Lycopersicon peruvianum*
Hutton, E.M. and D.C. Work, 1947
 - Lycopersicon pimpinellifolium*
Hutton, E.M. and D.C. Work, 1947
 - Lycopersicon* spp.
Dana, B.F., 1940
 - Medicago sativa*
Helms, Katie, 1957
 - Nicotiana glauca*
Hill, A.V. and M. Mandryk, 1954
 - Nicotiana glutinosa*
Helms, Katie, 1957
Hill, A.V. and M. Mandryk, 1954
 - Nicotiana rustica*
Helms, Katie, 1957
 - Nicotiana tabacum*
Helms, Katie, 1957
Hill, A.V. and M. Mandryk, 1954
 - Nicotiana tabacum* var. *atropurpurea* *
Helms, Katie, 1957
 - Petunia* spp.
Helms, Katie, 1957
 - Solanum melongena*
Hill, A.V. and M. Mandryk, 1954
- VIRUS**
- V. **TOMATO BIG BUD** (cont.)
- Solanum opacum*
Hill, A.V. and M. Mandryk, 1954
 - Solanum tuberosum*
Helms, Katie, 1957
Hill, A.V. and M. Mandryk, 1954
Norris, D.O., 1954
 - Vinca rosea*
Hill, A.V. and M. Mandryk, 1954
 - Vinca rosea* var. *alba*
Helms, Katie, 1957
 - Vinca rosea* var. *oculata* *
Helms, Katie, 1957
- V. **TOMATO BLACK FLECK** *
- Chenopodium amaranticolor*
Hollings, M., 1957
- V. **TOMATO BLACK RING** Smith 1945
- Antirrhinum* spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Atropa belladonna*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Cheiranthus cheiri*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Chenopodium amaranticolor*
Harrison, B.D., 1958
Hollings, M., 1956
 - Cucumis sativus*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Cucurbita pepo*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Datura stramonium*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Dipsacus sylvestris*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Gloxinia* spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Lapsana communis*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Lycopersicon esculentum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Nicotiana glutinosa*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Nicotiana langsdorffii*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Nicotiana paniculata*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Nicotiana rustica*
Harrison, B.D., 1958
 - Nicotiana sylvestris*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Nicotiana tabacum*
Harrison, B.D., 1958
 - Petunia hybrida*
Harrison, B.D., 1958
 - Phaseolus vulgaris*
Harrison, B.D., 1958
 - Rubus idaeus*
Harrison, B.D., 1958
 - Schizanthus* spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Spinacia oleracea*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Tetragonia expansa*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Tropaeolum majus*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Viola* spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. **TOMATO BUNCHY TOP** McClean 1931, 1935
- Capsicum frutescens* (*Capsicum annuum*)
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Nicandra physalodes*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Nicotiana glutinosa*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Nicotiana tabacum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Physalis angulata*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

VIRUS

V. TOMATO BUNCHY TOP (cont.)

- Physalis peruviana*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Physalis viscosa
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Solanum aculeastrum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Solanum aculeatissimum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Solanum giganteum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Solanum incanum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Solanum indicum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Solanum nigrum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Solanum sisymbriifolium
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Solanum sodomaeum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Zinnia elegans
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

V. TOMATO BUSHY STUNT Smith 1935

- Amaranthus caudatus*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Aster spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Callistephus chinensis
Smith, Kenneth M., 1935
Cucumis sativus
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Datura meteloides
Steere, Russell L., 1953
Datura stramonium
Steere, Russell L., 1953
Lycopersicon esculentum
Johnson, Folke, 1941
Smith, Kenneth M., 1935
Steere, Russell L., 1953
Mimulus guttatus
Smith, Kenneth M., 1935
Mimulus luteus
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Nicotiana glutinosa
Bawden, F.C. and F.M. Roberts, 1948
Smith, Kenneth M., 1935
Steere, Russell L., 1953
Nicotiana langsdorffii
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Smith, Kenneth M., 1935
Nicotiana tabacum
Smith, Kenneth M., 1935
Phaseolus vulgaris
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Solanum tuberosum
Smith, Kenneth M., 1935
Vigna sinensis
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Smith, Kenneth M., 1935
Zinnia elegans
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Smith, Kenneth M., 1935

V. TOMATO FILIFORM LEAF DISEASE *

- Nicotiana tabacum*
Schwarze, C.A., 1914

V. TOMATO RING SPOT Samson and Imle 1942 ((Distinct from V. Tomato spotted wilt.))

- Amaranthus retroflexus*
Samson, R.W. and E.P. Imle, 1942
Amaranthus tricolor
Samson, R.W. and E.P. Imle, 1942
Androcera rostrata
Samson, R.W. and E.P. Imle, 1942
Capsicum frutescens (*Capsicum annuum*)
Samson, R.W. and E.P. Imle, 1942
Datura spp.
Samson, R.W. and E.P. Imle, 1942
Datura stramonium
Imle, E.P. and R.W. Samson, 1937

VIRUS

V. TOMATO RING SPOT (cont.)

- Datura stramonium*
Samson, R.W. and E.P. Imle, 1942
Datura stramonium var. *tatula*
Samson, R.W. and E.P. Imle, 1942
Glycine max
Kahn, Robert P., 1956
Kahn, Robert P. and Frances M. Latterell, 1955
Gomphrena globosa
Brierley, Philip, 1956
Brierley, Philip and Paul Lorentz, 1956, 1957
Hydrangea macrophylla
Brierley, Philip and Paul Lorentz, 1956
Brierley, Philip and Floyd F. Smith, 1953
Hyoscyamus niger
Samson, R.W. and E.P. Emle, 1942
Lycopersicon esculentum
Imle, E.P. and R.W. Samson, 1937
Samson, R.W. and E.P. Imle, 1942
Varney, E.H. and J. Duain Moore, 1952
Lycopersicon pimpinellifolium
Samson, R.W. and E.P. Imle, 1942
Martynia louisiana
Samson, R.W. and E.P. Imle, 1942
Nicandra physalodes
Samson, R.W. and E.P. Imle, 1942
Nicotiana affinis
Samson, R.W. and E.P. Imle, 1942
Nicotiana glutinosa
Bennett, C.W., 1944
Varney, E.H. and J. Duain Moore, 1952
Nicotiana tabacum
Bennett, C.W., 1944
Brierley, Philip and Paul Lorentz, 1957
Brierley, Philip and Floyd F. Smith, 1953
Imle, E.P. and R.W. Sanson, 1937
Kahn, Robert P. and Frances M. Latterell, 1955
Samson, R.W. and E.P. Imle, 1942
Varney, E.H. and J. Duain Moore, 1952
Petunia axillaris
Samson, R.W. and E.P. Imle, 1942
Petunia hybrida var. *grandiflora* *
Samson, R.W. and E.P. Imle, 1942
Phaseolus vulgaris
Kahn, Robert P. and Frances M. Latterell, 1955
Physalis alkekengi
Samson, R.W. and E.P. Imle, 1942
Solanum carolinense
Samson, R.W. and E.P. Imle, 1942
Solanum melongena
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Samson, R.W. and E.P. Imle, 1942
Solanum pseudocapsicum
Samson, R.W. and E.P. Imle, 1942
Solanum tuberosum
Samson, R.W. and E.P. Imle, 1942
Ulmus americana
Varney, E.H. and J. Duain Moore, 1952
Vigna sinensis
Kahn, Robert P., 1956
Kahn, Robert P. and Frances M. Latterell, 1955
Varney, E.H. and J. Duain Moore, 1952
- V. TOMATO SHOESTRING *
- Lycopersicon esculentum*
Doering, G.R., W.C. Price and S.B. Fenne, 1957
Nicotiana glutinosa
Doering, G.R., W.C. Price and S.B. Fenne, 1957
Nicotiana rustica
Doering, G.R., W.C. Price and S.B. Fenne, 1957
Nicotiana sylvestris
Doering, G.R., W.C. Price and S.B. Fenne, 1957
Nicotiana tabacum
Doering, G.R., W.C. Price and S.B. Fenne, 1957
- V. TOMATO SPOTTED WILT Samuel et al. 1930
- Amaranthus retroflexus*
Milbrath, J.A., 1939
Amaryllis hybrid
Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
(*Hippeastrum*) spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

- VIRUS**
- V. TOMATO SPOTTED WILT (cont.)
- Ananas comosus
 - Carter, W., 1935
 - Illingworth, J.F., 1931
 - Linford, M.B., 1931, 1932, 1943
 - Sakimura, K., 1940
 - Anemone spp.
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Antirrhinum spp.
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Apium graveolens var. dulce
 - Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 - Sakimura, K., 1940
 - Aquilegia vulgaris
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Arum palaestinum
 - Tompkins, C.M. and Henry H.P. Severin, 1950
 - Aster spp.
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Atropa belladonna
 - Smith, Kenneth M., 1932
 - Begonia semperflorens
 - Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 - Brassica oleracea var. botrytis
 - Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 - Browallia americana (Browallia demissa)
 - Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 - Browallia speciosa
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Calceolaria spp.
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Callistephus chinensis
 - Black, L.M., M.K. Brakke and A.E. Vatter, 1952
 - Gardner, M.W. and O.C. Whipple, 1934
 - Smith, Kenneth M., 1932
 - Tompkins, C.M. and M.W. Gardner, 1934
 - Whipple, O.C., 1936
 - Campanula americana
 - Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 - Campanula pyramidalis
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Capsicum frutescens (Capsicum annuum)
 - Ferguson, I.A.C., 1951
 - Gardner, M.W. and O.C. Whipple, 1934
 - Kendrick, J.B., Jr., L.D. Anderson and R.C. Dickson, 1951
 - Smith, Kenneth M., 1932
 - Tompkins, C.M. and M.W. Gardner, 1934
 - Yu, T.F., 1947
 - Capsicum frutescens var. grossum
 - Sakimura, K., 1940
 - Capsicum spp.
 - Smith, Kenneth M., 1931, 1932
 - Cheiranthus cheiri
 - Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 - Cheiranthus spp.
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Chenopodium amaranticolor
 - Hollings, M., 1956
 - Chrysanthemum morifolium
 - Gardner, M.W. and O.C. Whipple, 1934
 - Chrysanthemum spp.
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Cichorium endivia
 - Sakimura, K., 1940
 - Cichorium intybus
 - Sakimura, K., 1940
 - Cinararia cruenta
 - Jones, Leon K., 1944
 - Convolvulus arvensis
 - Sherf, A.F., 1948
 - Coreopsis drummondii
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Cosmos bipinnatus
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Dahlia pinnata
 - Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1934
 - Smith, Kenneth M., 1932
 - Dahlia variabilis
 - Brierley, Philip, 1933
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Gardner, M.W. and O.C. Whipple, 1934
 - Datura stramonium
 - Ainsworth, G.C., 1933
 - Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 - Gardner, M.W., C.M. Tompkins and O.C.
 - Whipple, 1935
 - Gardner, M.W. and O.C. Whipple, 1934
 - Milbrath, J.A., 1939
 - Norris, D.O., 1951
 - Sakimura, K., 1940
 - Shapovalov, M., 1934
 - Smith, Kenneth M., 1931, 1932, 1935
 - Snyder, W.C. and H. Rex Thomas, 1936
 - Whipple, O.C., 1936
 - Datura wrightii
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Delphinium cultorum
 - Gardner, M.W., C.M. Tompkins and O.C.
 - Whipple, 1935
 - Delphinium hybrid
 - Severin, Henry H.P., 1942
 - Emilia sagittata
 - Gardner, M.W., C.M. Tompkins and O.C.
 - Whipple, 1935
 - Linford, M.B., 1931, 1932
 - Whipple, O.C., 1936
 - Emilia sonchifolia
 - Norris, D.O., 1951
 - Parris, G.K., 1940
 - Sakimura, K., 1940
 - Gaillardia aristata
 - Gardner, M.W., C.M. Tompkins and O.C.
 - Whipple, 1935
 - Gladiolus spp.
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Godetia grandiflora
 - Gardner, M.W., C.M. Tompkins and O.C.
 - Whipple, 1935
 - Hoya carnosa
 - Prentice, I.W., 1952
 - Hyoscyamus niger
 - Smith, Kenneth M., 1932
 - Lactuca sativa
 - Gardner, M.W. and O.C. Whipple, 1934
 - Milbrath, J.A., 1939
 - Sakimura, K., 1940
 - Tompkins, C.M. and M.W. Gardner, 1934
 - Lactuca sativa var. capitata
 - Ainsworth, G.C., 1940
 - Snyder, W.C. and H. Rex Thomas, 1936
 - Lactuca sativa var. longifolia
 - Snyder, W.C. and H. Rex Thomas, 1936
 - Tompkins, C.M. and M.W. Gardner, 1934
 - Lactuca scariola
 - Milbrath, J.A., 1939
 - Lathyrus odoratus
 - Ainsworth, G.C., 1940
 - Snyder, W.C. and H. Rex Thomas, 1936
 - Lavnia elegans
 - Gardner, M.W., C.M. Tompkins and O.C.
 - Whipple, 1935
 - Lobelia spp.
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Lupinus albus
 - Gardner, M.W. and O.C. Whipple, 1934
 - Lupinus angustifolius
 - Smith, Kenneth M., 1932
 - Lupinus leucophyllus
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Lycium ferocissimum
 - (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Lycopersicon esculentum
 - Ainsworth, G.C., 1933, 1940
 - Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 - Bennett, C.W., 1944

VIRUS

V. TOMATO SPOTTED WILT (cont.)

- Lycopersicon esculentum*
 Berkeley, G.H., 1935
 Best, Rupert J. and Geoffrey Samuel, 1936
 Black, L.M., M.K. Brakke and A.E. Vatter, 1952
 Doolittle, S.P. and C.B. Summer, 1931, 1934
 Ferguson, I.A.C., 1951
 Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 Gardner, M.W. and O.C. Whipple, 1934
 Holmes, Francis O., 1948
 Hutton, E.M. and A.R. Peak, 1949, 1953
 Jones, Leon K., 1944
 MacNeill, Blair H., 1955
 McWhorter, F.P., 1935
 McWhorter, F.P. and J.A. Milbrath, 1935
 Milbrath, J.A., 1939
 Norris, D.O., 1951
 Parris, G.K., 1940
 Sakimura, K., 1940
 Shapovalov, M., 1934
 Sherf, A.F., 1948
 Smith, Kenneth M., 1931, 1932, 1935
 Smith, Paul G., 1944
 Smith, Paul G. and M.W. Gardner, 1948, 1951
 Snyder, W.C. and H. Rex Thomas, 1936
 Tompkins, C.M. and M.W. Gardner, 1934
 Whipple, O.C., 1936
 Yu, T.F., 1947
- Lycopersicon hirsutum*
 Smith, Paul G., 1944
- Lycopersicon hybrids*
 Hutton, E.M. and A.R. Peak, 1949
- Lycopersicon peruvianum*
 Hutton, E.M. and A.R. Peak, 1949, 1953
- Lycopersicon pimpinellifolium*
 Hutton, E.M. and A.R. Peak, 1949, 1953
 Sakimura, K., 1940
 Smith, Paul G., 1944
 Smith, Paul G. and M.W. Gardner, 1948, 1951
- Lycopersicon pimpinellifolium* x *Lycopersicon esculentum*
 Smith, Paul G. and M.W. Gardner, 1948
- Malva rotundifolia*
 Milbrath, J.A., 1939
- Martynia annua*
 Gardner, M.W. and O.C. Whipple, 1934
- Nepeta cataria*
 Milbrath, J.A., 1939
- Nicandra physalodes*
 Gardner, M.W. and O.C. Whipple, 1934
- Nicotiana acuminata*
 Gardner, M.W. and O.C. Whipple, 1934
- Nicotiana alata*
 Gardner, M.W. and O.C. Whipple, 1934
- Nicotiana atropurpureum*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Nicotiana bigelovii*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Nicotiana calyciflora* *
- Nicotiana chinensis*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Nicotiana glauca*
 Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
- Smith, Kenneth M., 1932
- Nicotiana glutinosa*
 Ainsworth, G.C., 1933
 Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 Berkeley, G.H., 1935
 Black, L.M., M.K. Brakke and A.E. Vatter, 1952
 Ferguson, I.A.C., 1951
 Gardner, M.W. and O.C. Whipple, 1934
 Holmes, Francis O., 1948
 Kendrick, J.B., Jr., L.D. Anderson and R.C. Dickson, 1951
 Milbrath, J.A., 1939
 Norris, D.O., 1951
 Sakimura, K., 1940
 Shapovalov, M., 1934
 Smith, Kenneth M., 1932

VIRUS

V. TOMATO SPOTTED WILT (cont.)

- Nicotiana glutinosa*
 Snyder, W.C. and H. Rex Thomas, 1936
 Whipple, O.C., 1936
- Nicotiana langsdorffii*
 Gardner, M.W. and O.C. Whipple, 1934
- Nicotiana longiflora*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Nicotiana paniculata*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Nicotiana rustica*
 Black, L.M., M.K. Brakke and A.E. Vatter, 1952
 Gardner, M.W. and O.C. Whipple, 1934
 Smith, Kenneth M., 1932
 Tompkins, C.M. and M.W. Gardner, 1934
- Nicotiana sanderae*
 Gardner, M.W. and O.C. Whipple, 1934
- Nicotiana suaveolens*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Nicotiana sylvestris*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Nicotiana tabacum*
 Ainsworth, G.C., 1933
 Ainsworth, G.C., G.H. Berkeley and J. Caldwell, 1934
 Bennett, C.W., 1944
 Berkeley, G.H., 1935
 Best, Rupert J. and Geoffrey Samuel, 1936
 Black, L.M., M.K. Brakke and A.E. Vatter, 1952
 Doolittle, S.P. and C.B. Summer, 1934
 Ferguson, I.A.C., 1951
 Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 Gardner, M.W. and O.C. Whipple, 1934
 Milbrath, J.A., 1939
 Price, W.C., 1936
 Sakimura, K., 1940
 Shapovalov, M., 1934
 Sherf, A.F., 1948
 Smith, Kenneth M., 1931, 1932
 Snyder, W.C. and H. Rex Thomas, 1936
 Whipple, O.C., 1936
 Yu, T.F., 1947
- Nicotiana tabacum* var. *angustifolia*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Nicotiana tabacum* var. *atropurpureum* *
- Norris, D.O., 1951
- Paeonia* spp.
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Papaver orientale*
 Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
- Papaver* spp.
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Penstemon hirsutus*
 Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
- Petunia hybrida*
 Gardner, M.W. and O.C. Whipple, 1934
 Milbrath, J.A., 1939
 Sakimura, K., 1940
- Petunia* spp.
 Berkeley, G.H., 1935
 Norris, D.O., 1951
 Smith, Kenneth M., 1932
- Phaseolus vulgaris*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Physalis pubescens*
 Gardner, M.W. and O.C. Whipple, 1934
 Tompkins, C.M. and M.W. Gardner, 1934
- Pisum sativum*
 Ainsworth, G.C., 1940
 Jones, Leon K., 1944
 Milbrath, J.A., 1939
 Snyder, W.C. and H. Rex Thomas, 1936
 Whipple, O.C., 1936
- Plantago major*
 Smith, Kenneth M., 1932
- Polygonum convolvulus*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Polygonum* spp.
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

- VIRUS**
- V. TOMATO SPOTTED WILT (cont.)
- Primula malacoides
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Primula obconica
Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 - Severin, Henry H.P. and C.M. Tompkins, 1950
 - Primula sinensis
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Ranunculus spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Salpiglossis sinuata
Gardner, M.W. and O.C. Whipple, 1934
 - Tompkins, C.M. and M.W. Gardner, 1934
 - Salvia splendens
Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 - Scabiosa spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Schizanthus pinnatus
Gardner, M.W. and O.C. Whipple, 1934
 - Tompkins, C.M. and M.W. Gardner, 1934
 - Senecio cruentus
Gardner, M.W. and O.C. Whipple, 1934
 - Sinningia speciosa
Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 - Solanum aculeatissimum
Smith, Kenneth M., 1932
 - Solanum capsicastrum
Milbrath, J.A., 1939
 - Smith, Kenneth M., 1931, 1932
 - Solanum dulcamara
Smith, Kenneth M., 1932
 - Solanum laciniatum
Smith, Kenneth M., 1931, 1932
 - Solanum marginatum
Smith, Kenneth M., 1932
 - Solanum melongena
Ferguson, I.A.C., 1951
 - Gardner, M.W. and O.C. Whipple, 1934
 - Sakimura, K., 1940
 - Smith, Kenneth M., 1932
 - Tompkins, C.M. and M.W. Gardner, 1934
 - Solanum miniatum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Solanum nigrum
Milbrath, J.A., 1939
 - Smith, Kenneth M., 1931, 1932
 - Solanum nodiflorum
Smith, Kenneth M., 1931, 1932
 - Solanum sanitwongsei
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Solanum seaforthianum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Solanum sodomeum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Solanum tuberosum
Gardner, M.W. and O.C. Whipple, 1934
 - Hutton, E.M., 1947
 - Hutton, E.M. and A.R. Peak, 1952
 - Milbrath, J.A., 1939
 - Norris, D.O., 1951
 - Norris, D. and J.G. Bald, 1943
 - Parris, G.K., 1940
 - Sakimura, K., 1940
 - Smith, Kenneth M., 1931, 1932
 - Spinacia oleracea
Sakimura, K., 1940
 - Stellaria media
Holmes, Francis O., 1948
 - Streptosolen jamesonii
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Trachelium caeruleum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Trachelium spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Tropaeolum majus
Black, L.M., M.K. Brakke and A.E. Vatter, 1952
 - Gardner, M.W. and O.C. Whipple, 1934
 - Milbrath, J.A., 1939
 - Whipple, O.C., 1936
- VIRUS**
- V. TOMATO SPOTTED WILT (cont.)
- Urtica dioica
Gardner, M.W. and O.C. Whipple, 1934
 - Verbena hybrida
Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 - Vicia faba
Gardner, M.W. and O.C. Whipple, 1934
 - Sakimura, K., 1940
 - Yu, T.F., 1947
 - Vigna sinensis
Yu, T.F., 1947
 - Zantedeschia aethiopica
Gardner, M.W., C.M. Tompkins and O.C. Whipple, 1935
 - Tompkins, C.M. and Henry H.P. Severin, 1950
 - Whipple, O.C., 1936
 - Zantedeschia albo-maculata
Tompkins, C.M. and Henry H.P. Severin, 1950
 - Zantedeschia elliottiana
Tompkins, C.M. and Henry H.P. Severin, 1950
 - Tompkins, C.M. and Henry H.P. Severin, 1950
 - Zinnia elegans
Gardner, M.W. and O.C. Whipple, 1934
 - Milbrath, J.A., 1939
 - Smith, Kenneth M., 1932
 - Yu, T.F., 1947
- V. TOMATO TWISTED LEAF Ferguson 1951
- Capsicum frutescens (*Capsicum annuum*)
Ferguson, I.A.C., 1951
 - Lycopersicon esculentum
Ferguson, I.A.C., 1951
 - Lycopersicon esculentum x Lycopersicon pimpinellifolium
Ferguson, I.A.C., 1951
- V. TOMATO V-52-1 Miller 1953
- Datura stramonium
Miller, Patrick M., 1953
 - Lycopersicon esculentum
Miller, Patrick M., 1953
 - Nicotiana glutinosa
Miller, Patrick M., 1953
 - Nicotiana tabacum
Miller, Patrick M., 1953
 - Phaseolus vulgaris
Miller, Patrick M., 1953
 - Solanum melongena
Miller, Patrick M., 1953
 - Vigna sinensis
Miller, Patrick M., 1953
- V. TOMATO YELLOW NET Sylvester 1954
- Lycopersicon esculentum
Sylvester, Edward S., 1954
 - Lycopersicon pimpinellifolium
Sylvester, Edward S., 1954
- V. TOMATO YELLOW TOP Costa 1949; Sutton 1955
- Lycopersicon esculentum
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. TULIP BREAKING McKenny Hughes 1930
- Calochortus spp.
Brierley, Philip and Floyd F. Smith, 1944
 - Fritillaria pudica
Brierley, Philip and Floyd F. Smith, 1944
 - Lilium amabile luteum *
Brierley, Philip, 1940
 - Lilium auratum
Brierley, Philip, 1940
 - Lilium brownii var. leucanthemum
Brierley, Philip, 1940
 - Brierley, Philip and Floyd F. Smith, 1944
 - Lilium canadense
Brierley, Philip, 1940
 - Lilium candidum
Brierley, Philip, 1940
 - Brierley, Philip and Floyd F. Smith, 1944

VIRUS

V. TULIP BREAKING (cont.)

- Lilium cernuum*
Brierley, Philip, 1940
- Lilium chalcedonicum*
Brierley, Philip, 1940
- Lilium croceum*
Brierley, Philip, 1940
- Lilium dauricum*
Brierley, Philip and Floyd F. Smith, 1944
- Lilium dauricum* var. *luteum*
Brierley, Philip, 1940
- Lilium davidi* var. *willmottiae* *
Brierley, Philip and Floyd F. Smith, 1944
- Lilium davmottiae* *
Brierley, Philip, 1940
- Lilium elegans*
Brierley, Philip, 1940
- Lilium* and *Floyd F.* Smith, 1944
- Lilium formosanum* *
Brierley, Philip, 1939, 1940
- Lilium* and *S. P. Doolittle*, 1940
- Lilium* and *Floyd F. Smith*, 1944
- Smith, Floyd F. and Philip Brierley, 1948
- Lilium giganteum*
Brierley, Philip, 1940
- Lilium henryi*
Brierley, Philip, 1940
- Lilium longiflorum*
Brierley, Philip, 1939
- Brierley, Philip and S. P. Doolittle, 1940
- Brierley, Philip and Floyd F. Smith, 1944
- Smith, Floyd F. and Philip Brierley, 1948
- Lilium myriophyllum* var. *superbum* *
Brierley, Philip, 1940
- Lilium princeps*
Brierley, Philip, 1940
- Lilium pumilum*
Brierley, Philip, 1940
- Lilium regale*
Brierley, Philip, 1940
- Lilium sargentiae*
Brierley, Philip, 1940
- Lilium speciosum*
Brierley, Philip, 1940
- Lilium superbum*
Brierley, Philip, 1940
- Brierley, Philip and Floyd F. Smith, 1944
- Lilium testaceum*,
Brierley, Philip, 1940
- Lilium tigrinum*
Brierley, Philip, 1940
- Brierley, Philip and Floyd F. Smith, 1944
- Lilium umbellatum*
Brierley, Philip, 1940
- Brierley, Philip and Floyd F. Smith, 1944
- Lilium wallacei*
Brierley, Philip, 1940
- Narcissus poeticus*
McWhorter, F.P., 1932
- Tulipa clusiana*
Cayley, Dorothy M., 1932
- Tulipa eichleri*
Cayley, Dorothy M., 1932
- Tulipa gesneriana*
Brierley, Philip, 1939, 1941
- Brierley, Philip and S. P. Doolittle, 1940
- Brierley, Philip and M. B. McKay, 1938
- Brierley, Philip and Floyd F. Smith, 1944
- Cayley, D.M., 1928, 1932
- Hughes, A.W. McKenny, 1930, 1931, 1934
- McWhorter, F.P., 1935, 1938
- Tulipa gesneriana* var. *spathulata*
Cayley, Dorothy M., 1932
- Tulipa greigii*
Cayley, Dorothy M., 1932
- Tulipa linifolia*
Cayley, Dorothy M., 1932
- Zygadenus fremontii*
Brierley, Philip and Floyd F. Smith, 1944

V. TULIP WHITE STREAK Smith 1950

- Nicotiana glutinosa*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958

VIRUS

V. TULIP WHITE STREAK (cont.)

- Nicotiana tabacum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Petunia* spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Phaseolus vulgaris*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Tulipa* spp.
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. TURNIP CRINKLE Broadbent and Blencowe 1955
- Barbarea vulgaris*
Broadbent, L. and G.D. Heathcote, 1958
 - Brassica hirta* (*Brassica alba*)
Broadbent, L. and G.D. Heathcote, 1958
 - Brassica kaber* (*Brassica arvensis*)
Broadbent, L. and G.D. Heathcote, 1958
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 - Brassica napus*
Broadbent, L. and G.D. Heathcote, 1958
Lister, R.M., 1958
 - Brassica nigra*
Broadbent, L. and G.D. Heathcote, 1958
 - Brassica oleracea* var. *botrytis*
Broadbent, L. and G.D. Heathcote, 1958
 - Brassica oleracea* var. *capitata*
Broadbent, L. and G.D. Heathcote, 1958
 - Brassica oleracea* var. *gemmifera*
Broadbent, L. and G.D. Heathcote, 1958
 - Brassica pekinensis*
Broadbent, L. and G.D. Heathcote, 1958
 - Brassica rapa*
Broadbent, L. and G.D. Heathcote
Lister, R.M., 1958
 - Camelina sativa*
Broadbent, L. and G.D. Heathcote, 1958
 - Capsella bursa-pastoris*
Broadbent, L. and G.D. Heathcote, 1958
 - Celosia argentea* var. *plumosa* *
Broadbent, L. and G.D. Heathcote, 1958
 - Cheiranthus cheiri*
Broadbent, L. and G.D. Heathcote, 1958
 - Chenopodium album*
Broadbent, L. and G.D. Heathcote, 1958
 - Chenopodium amaranticolor*
Broadbent, L. and G.D. Heathcote, 1958
Hollings, M., 1957
Lister, R.M., 1958
 - Cleome spinosa*
Broadbent, L. and G.D. Heathcote, 1958
 - Cucumis sativus*
Broadbent, L. and G.D. Heathcote, 1958
Lister, R.M., 1958
 - Datura stramonium*
Broadbent, L. and G.D. Heathcote, 1958
 - Erysimum cheiranthoides*
Broadbent, L. and G.D. Heathcote, 1958
 - Gomphrena globosa*
Broadbent, L. and G.D. Heathcote, 1958
 - Lactuca sativa* var. *capitata*
Broadbent, L. and G.D. Heathcote, 1958
 - Lepidium campestre*
Broadbent, L. and G.D. Heathcote, 1958
 - Lunaria annua*
Broadbent, L. and G.D. Heathcote, 1958
 - Lycopersicon esculentum*
Broadbent, L. and G.D. Heathcote, 1958
 - Neslia paniculata*
Broadbent, L. and G.D. Heathcote, 1958
 - Nicotiana bigelovii* var. *multivalvis*
Broadbent, L. and G.D. Heathcote, 1958
 - Nicotiana rustica*
Lister, R.M., 1958
 - Nicotiana tabacum*
Broadbent, L. and G.D. Heathcote, 1958
Lister, R.M., 1958
 - Raphanus raphanistrum*
Broadbent, L. and G.D. Heathcote, 1958
 - Raphanus sativus*
Broadbent, L. and G.D. Heathcote, 1958
 - Reseda odorata*
Broadbent, L. and G.D. Heathcote, 1958

- VIRUS**
- V. TURNIP CRINKLE (cont.)
Sisymbrium officinale
 Broadbent, L. and G.D. Heathcote, 1958
Tetragonia expansa
 Broadbent, L. and G.D. Heathcote, 1958
Thlaspi arvense
 Broadbent, L. and G.D. Heathcote, 1958
- V. TURNIP MOSAIC Gardner and Kendrick; Schultz 1921;
 Chamberlain 1936; Tompkins 1938
Abutilon theophrasti
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
Alyssum maritimum
 Tompkins, C.M., 1939
Amaranthus caudatus
 Pound, Glenn S., 1948
Amaranthus tricolor
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
Armoracia rusticana
 Dana, B.F. and F.P. McWhorter, 1932
 Hoggan, I.A. and J. Johnson, 1935
 Pound, Glenn S., 1948, 1949
Barbarea vulgaris
 Pound, Glenn S., 1948
Begonia semperflorens
 Tompkins, C.M., 1938
Berteroa incana
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
Beta vulgaris
 LeBeau, Francis J. and J.C. Walker, 1945
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
Beta vulgaris var. *cicla*
 LeBeau, Francis J. and J.C. Walker, 1945
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
Brassica oleracea
 Bennett, C.W., 1944
 Tompkins, C.M., 1938, 1939
Brassica campestris
 LeBeau, Francis J. and J.C. Walker, 1945
 Sylvester, Edward S., 1953
 Tompkins, C.M., 1938
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
Brassica campestris var. *napobrassica*
 Berkeley, G.H. and J.H. Tremaine, 1954
 Berkeley, G.H. and M. Weintraub, 1952
 Clayton, E.E., 1930
 LeBeau, Francis J. and J.C. Walker, 1945
 Sylvester, Edward S., 1953
 Tompkins, C.M., 1938
Brassica carinata
 Takahashi, William N., 1949
Brassica chinensis
 Clayton, E.E., 1930
 Dale, W.T., 1948
 Sylvester, Edward S., 1953
 Sylvester, Edward S. and John N. Simons, 1951
 Takahashi, William N., 1949
Brassica hirta (*Brassica alba*)
 Berkeley, G.H. and M. Weintraub, 1952
 Clayton, E.E., 1930
 LeBeau, Francis J. and J.C. Walker, 1945
 Sylvester, Edward S., 1953
 Takahashi, William N., 1949
 Tompkins, C.M., 1939
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
Brassica juncea (*Brassica japonica*)
 Dale, W.T., 1948
 LeBeau, Francis J. and J.C. Walker, 1945
 Pound, Glenn S., 1948
 Schultz, E.S., 1921
 Sylvester, Edward S., 1950, 1953, 1954
 Sylvester, Edward S. and John N. Simons, 1951
 Takahashi, William N., 1949
 Tompkins, C.M., 1938, 1939
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- VIRUS**
- V. TURNIP MOSAIC (cont.)
Brassica kabera (*Brassica arvensis*)
 Takahashi, William N., 1949
 Tompkins, C.M., 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
Brassica kabera var. *pinnatifida*
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
Brassica napus
 Berkeley, G.H. and J.H. Tremaine, 1954
 Berkeley, G.H. and M. Weintraub, 1952
 Clayton, E.E., 1930
 Dale, W.T., 1948
 LeBeau, Francis J. and J.C. Walker, 1945
 Pound, Glenn S., 1949
 Takahashi, William N., 1949
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
Brassica napus var. *biennis**
 Sylvester, Edward S., 1953
Brassica nigra
 Berkeley, G.H. and M. Weintraub, 1952
 Clayton, E.E., 1930
 Dana, B.F. and F.P. McWhorter, 1932
 Hoggan, I.A. and J. Johnson, 1935
 LeBeau, Francis J. and J.C. Walker, 1945
 Sylvester, Edward S., 1953
 Takahashi, William N., 1949
 Tompkins, C.M., 1939
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
Brassica oleracea
 Takahashi, William N., 1949
Brassica oleracea var. *botrytis*
 Berkeley, G.H. and J.H. Tremaine, 1954
 Berkeley, G.H. and M. Weintraub, 1952
 Clayton, E.E., 1930
 LeBeau, Francis J. and J.C. Walker, 1945
 Pound, Glenn S., 1948
 Tompkins, C.M., 1938
 Tompkins, C.M. and H. Rex Thomas, 1938
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
Brassica oleracea var. *capitata*
 Berkeley, G.H. and J.H. Tremaine, 1954
 Berkeley, G.H. and M. Weintraub, 1952
 Hoggan, I.A. and J. Johnson, 1935
 LeBeau, Francis J. and J.C. Walker, 1945
 Natti, J.J., 1956
 Pound, Glenn S., 1946, 1947, 1948
 Tompkins, C.M., 1938
 Tompkins, C.M. and H. Rex Thomas, 1938
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
Brassica oleracea var. *gemmifera*
 Berkeley, G.H. and J.H. Tremaine, 1954
 Clayton, E.E., 1930
 LeBeau, Francis J. and J.C. Walker, 1945
 Pound, Glenn S., 1948
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
Brassica oleracea var. *gongylodes*
 Berkeley, G.H. and J.H. Tremaine, 1954
 LeBeau, Francis J. and J.C. Walker, 1945
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
Brassica oleracea var. *italica**
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Brassica oleracea var. *viridis*
 Berkeley, G.H. and J.H. Tremaine, 1954
 LeBeau, Francis J. and J.C. Walker, 1945
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
Brassica pekinensis
 Berkeley, G.H. and J.H. Tremaine, 1954
 Berkeley, G.H. and M. Weintraub, 1952
 LeBeau, Francis J. and J.C. Walker, 1945
 Schultz, E.S., 1921
 Sylvester, Edward S., 1953
 Takahashi, William N., 1949
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945

VIRUS

V. TURNIP MOSAIC (cont.)

- Brassica rapa*
 Berkeley, G.H. and M. Weintraub, 1952
 Clayton, E.E., 1930
 Dale, W.T., 1948
 Dana, B.F. and F.P. McWhorter, 1932
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
 Gardner, Max W. and James B. Kendrick, 1921
 Hogan, I.A. and J. Johnson, 1935
 LeBeau, Francis J. and J.C. Walker, 1945
 Schultz, E.S., 1921
 Sylvester, Edward S., 1953
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Calendula officinalis
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Capsella bursa-pastoris
 Berkeley, G.H. and M. Weintraub, 1952
 Pound, Glenn S., 1948
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Celosia argentea var. *cristata*
 Pound, Glenn S., 1948
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Centaura moschata
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Cheiranthus allionii
 Pound, Glenn S., 1948
Cheiranthus cheiri
 Berkeley, G.H. and J.H. Tremaine, 1954
 Berkeley, G.H. and M. Weintraub, 1952
 Pound, Glenn S., 1948
 Tompkins, C.M., 1939
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Chenopodium album
 Pound, Glenn S., 1948
 Tompkins, C.M., 1938, 1939
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Chenopodium murale
 Tompkins, C.M., 1939
Datura metel
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Datura meteloides
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Delphinium ajacis
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Digitalis purpurea
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Dimorphotheca aurantiaca
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Godetia amoena
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Gomphrena globosa
 Berkeley, G.H. and J.H. Tremaine, 1954
Hesperis matronalis
 Berkeley, G.H. and J.H. Tremaine, 1954
 LeBeau, Francis J. and J.C. Walker, 1945
 Tompkins, C.M., 1938, 1939
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Iberis amara
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Lepidium sativum
 Berkeley, G.H. and M. Weintraub, 1952
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

VIRUS

V. TURNIP MOSAIC (cont.)

- Lepidium virginicum*
 Dale, W.T., 1948
 Pound, Glenn S., 1948
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Lobularia maritima
 Pound, Glenn S., 1948
Lunaria annua
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
Lycium halimifolium
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Lycopersicon pimpinellifolium
 Hogan, I.A. and J. Johnson, 1935
Malcolmia maritima
 Pound, Glenn S., 1948
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Matthiola bicornis
 Tompkins, C.M., 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Matthiola incana
 Berkeley, G.H. and J.H. Tremaine, 1954
 Berkeley, G.H. and M. Weintraub, 1952
Matthiola incana var. *annua*
 LeBeau, Francis J. and J.C. Walker, 1945
 Pound, Glenn S., 1948
 Severin, Henry H.P. and C.M. Tompkins, 1950
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Neslia paniculata
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Nicandra physalodes
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Nicotiana acuminata
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Nicotiana alata var. *grandiflora*
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Nicotiana glutinosa
 Bennett, C.W., 1944
 Berkeley, G.H. and J.H. Tremaine, 1954
 Berkeley, G.H. and M. Weintraub, 1952
 Hogan, I.A. and J. Johnson, 1935
 LeBeau, Francis J. and J.C. Walker, 1945
 Pound, Glenn S., 1948
 Pound, Glenn S. and Lewis G. Weathers, 1953
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Nicotiana langsdorffii
 Tompkins, C.M., 1939
Nicotiana longiflora
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Nicotiana multivalvis
 LeBeau, Francis J. and J.C. Walker, 1945
 Pound, Glenn S. and Lewis G. Weathers, 1953
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Nicotiana nudicaulis
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Nicotiana paniculata
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Nicotiana quadrivalvis
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Nicotiana repanda
 LeBeau, Francis J. and J.C. Walker, 1945

VIRUS

V. TURNIP MOSAIC (cont.)

- Nicotiana rustica*
 LeBeau, Francis J. and J.C. Walker, 1945
 Pound, Glenn S. and Lewis G. Weathers, 1953
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- Nicotiana sanderae*
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- Nicotiana sylvestris*
 LeBeau, Francis J. and J.C. Walker, 1945
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- Nicotiana tabacum*
 Bennett, C.W., 1944
 Berkeley, G.H. and J.H. Tremaine, 1954
 Berkeley, G.H. and M. Weintraub, 1952
 Dale, W.T., 1948
 Hoggan, Isme A., 1934
 Hoggan, I.A. and J. Johnson, 1935
 LeBeau, Francis J. and J.C. Walker, 1945
 Pound, Glenn S. and Lewis G. Weathers, 1953
 Tompkins, C.M., 1938, 1939
 Tompkins, C.M. and H. Rex Thomas, 1938
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- Nicotiana tabacum* var. *macrophylla*
 Dale, W.T., 1948
- Nicotiana tabacum* x *Nicotiana glutinosa*
 Hoggan, I.A. and J. Johnson, 1935
 LeBeau, Francis J. and J.C. Walker, 1945
- Nicotiana trigonophylla*
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- Petunia hybrida*
 Berkeley, G.H. and J.H. Tremaine, 1954
 Berkeley, G.H. and M. Weintraub, 1952
 LeBeau, Francis J. and J.C. Walker, 1945
 Tompkins, C.M., 1938, 1939
- Physalis pubescens*
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- Raphanus sativus*
 Tompkins, C.M., 1939
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- Raphanus sativus* var. *hortensis* *
 Dale, W.T., 1948
- Raphanus sativus* var. *longipinnatus* *
 Tompkins, C.M., 1938, 1939
- Reseda odorata*
 Tompkins, C.M., 1938, 1939
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- Salpiglossis sinuata*
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- Scabiosa atropurpurea*
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- Senecio cruentus*
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- Sisymbrium altissimum*
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- Sisymbrium officinale*
 Pound, Glenn S., 1948
- Solanum integrifolium*
 Pound, Glenn S., 1948
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- Solanum rostratum*
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- Solanum triflorum*
 Pound, Glenn S., 1948
- Spinacia oleracea*
 Berkeley, G.H. and J.H. Tremaine, 1954
 Hoggan, I.A. and J. Johnson, 1935
 LeBeau, Francis J. and J.C. Walker, 1945
 Tompkins, C.M., 1939
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945

VIRUS

V. TURNIP MOSAIC (cont.)

- Stellaria media*
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- Thlaspi arvense*
 Pound, Glenn S., 1948
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- Verbena hybrida*
 Tompkins, C.M., 1938
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- Vinca minor*
 Walker, J.C., Francis J. LeBeau and Glenn S.
 Pound, 1945
- Zinnia elegans*
 Berkeley, G.H. and J.H. Tremaine, 1954
 Dale, W.T., 1948
 LeBeau, Francis J. and J.C. Walker, 1945
- V. TURNIP ROSETTE *
- Barbarea vulgaris*
 Broadbent, L. and G.D. Heathcote, 1958
- Brassica kaber* (*Brassica arvensis*)
 Broadbent, L. and G.D. Heathcote, 1958
- Brassica napus*
 Broadbent, L. and G.D. Heathcote, 1958
 Lister, R.M., 1958
- Brassica oleracea* var. *botrytis*
 Broadbent, L. and G.D. Heathcote, 1958
- Brassica oleracea* var. *capitata*
 Broadbent, L. and G.D. Heathcote, 1958
- Brassica oleracea* var. *gemmaifera*
 Broadbent, L. and G.D. Heathcote, 1958
- Brassica pekinensis*
 Broadbent, L. and G.D. Heathcote, 1958
 Lister, R.M., 1958
- Brassica rapa*
 Broadbent, L. and G.D. Heathcote, 1958
 Lister, R.M., 1958
- Camelina sativa*
 Broadbent, L. and G.D. Heathcote, 1958
- Cheiranthus cheiri*
 Broadbent, L. and G.D. Heathcote, 1958
- Datura stramonium*
 Broadbent, L. and G.D. Heathcote, 1958
- Erysimum cheiranthoides*
 Broadbent, L. and G.D. Heathcote, 1958
- Lactuca sativa* var. *capitata*
 Broadbent, L. and G.D. Heathcote, 1958
- Lepidium campestre*
 Broadbent, L. and G.D. Heathcote, 1958
- Lunaria annua*
 Broadbent, L. and G.D. Heathcote, 1958
- Nicotiana bigelovii* var. *multivalvis* *
 Broadbent, L. and G.D. Heathcote, 1958
- Raphanus raphanistrum*
 Broadbent, L. and G.D. Heathcote, 1958
- Raphanus sativus*
 Broadbent, L. and G.D. Heathcote, 1958
- Reseda odorata*
 Broadbent, L. and G.D. Heathcote, 1958
- Sisymbrium officinale*
 Broadbent, L. and G.D. Heathcote, 1958
- Thlaspi arvense*
 Broadbent, L. and G.D. Heathcote, 1958
- V. TURNIP YELLOW MOSAIC Markham and Smith 1944
- Barbarea vulgaris*
 Broadbent, L. and G.D. Heathcote, 1958
- Brassica carinata*
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Brassica hirta* (*Brassica alba*)
 Broadbent, L. and G.D. Heathcote, 1958
- Brassica juncea* (*Brassica japonica*)
 Broadbent, L. and G.D. Heathcote, 1958
- Brassica kaber* (*Brassica arvensis*)
 Broadbent, L. and G.D. Heathcote, 1958
 (K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Brassica napus*
 Broadbent, L. and G.D. Heathcote, 1958
 Lister, R.M., 1958

VIRUS

V. TURNIP YELLOW MOSAIC (cont.)

- Brassica nigra*
Broadbent, L. and G.D. Heathcote, 1958
- Brassica oleracea* var. *botrytis*
Broadbent, L. and G.D. Heathcote, 1958
- Croxall, H.E., D.C. Gwynne and L. Broadbent, 1953*
- Brassica oleracea* var. *capitata*
Broadbent, L. and G.D. Heathcote, 1958
- Brassica oleracea* var. *caulorapa*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Brassica oleracea* var. *gemmifera*
Broadbent, L. and G.D. Heathcote, 1958
- Croxall, H.E., D.C. Gwynne and L. Broadbent, 1953*
- Brassica pekinensis*
Broadbent, L. and G.D. Heathcote, 1958
- Lister, R.M., 1958*
- Brassica rapa*
Broadbent, L. and G.D. Heathcote, 1958
- Lister, R.M., 1958*
- Capsella bursa-pastoris*
Broadbent, L. and G.D. Heathcote, 1958
- Cheiranthus cheiri*
Broadbent, L. and G.D. Heathcote, 1958
- Conringia orientalis*
Broadbent, L. and G.D. Heathcote, 1958
- Diplotaxis tenuifolia*
Broadbent, L. and G.D. Heathcote, 1958
- Erysimum cheiranthoides*
Broadbent, L. and G.D. Heathcote, 1958
- Lepidium campestre*
Broadbent, L. and G.D. Heathcote, 1958
- Lunaria annua*
Broadbent, L. and G.D. Heathcote, 1958
- Nasturtium officinale* (*Rorippa nasturtium-aquaticum*)
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Neslia paniculata*
Broadbent, L. and G.D. Heathcote, 1958
- Raphanus raphanistrum*
Broadbent, L. and G.D. Heathcote, 1958
- Raphanus sativus*
Broadbent, L. and G.D. Heathcote, 1958
- Reseda odorata*
Broadbent, L. and G.D. Heathcote, 1958
- Sisymbrium officinale*
Broadbent, L. and G.D. Heathcote, 1958
- Thlaspi arvense*
Broadbent, L. and G.D. Heathcote, 1958

V. VACCINIUM FALSE BLOSSOM

- Apium graveolens*
Kunkel, L.O., 1945
- Brachycome iberidifolia*
Kunkel, L.O., 1945
- Calendula officinalis*
Kunkel, L.O., 1945
- Callistephus chinensis*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Centaurea imperialis*
Kunkel, L.O., 1945
- Convolvulus arvensis*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Cryptostemma calendulaceum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Cuscuta campestris*
Costa, A.S., 1944
- Datura fastuosa*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Daucus carota*
Kunkel, L.O., 1945
- Dianthus spp.*
Kunkel, L.O., 1945
- Dimorphotheca aurantiacum*
Kunkel, L.O., 1945
- Erodium cicutarium*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Erodium cygnorum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Eschscholtzia californica*
Kunkel, L.O., 1945
- Gaillardia aristata*
Kunkel, L.O., 1945

VIRUS

V. VACCINIUM FALSE BLOSSOM (cont.)

- Lycoperdon esculentum*
Costa, A.S., 1944
- Kunkel, L.O., 1943, 1945*
- Nicotiana chinensis*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Nicotiana glutinosa*
Kunkel, L.O., 1945
- Nicotiana langsdorffii*
Kunkel, L.O., 1945
- Nicotiana purpurea**
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Nicotiana rustica*
Kunkel, L.O., 1945
- Nicotiana tabacum*
Kunkel, L.O., 1945
- Pastinaca sativa*
Kunkel, L.O., 1945
- Petroselinum hortense*
Kunkel, L.O., 1945
- Petunia hybrida*
Kunkel, L.O., 1945
- Phlox drummondii*
Kunkel, L.O., 1945
- Salpiglossis spp.*
Kunkel, L.O., 1945
- Scabiosa atropurpurea*
Kunkel, L.O., 1945
- Schizanthus spp.*
Kunkel, L.O., 1945
- Solanum nigrum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Solanum seaforthianum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Solanum trilobatum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Solanum tuberosum*
Kunkel, L.O., 1945
- Solanum xanthocarpum*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- Tagetes erecta*
Kunkel, L.O., 1945
- Tragopogon porrifolius*
Kunkel, L.O., 1945
- Vaccinium macrocarpon* (*Oxycoccus macrocarpon*)
Bergman, H.F. and W.E. Truran, 1933
- Kunkel, L.O., 1943, 1945*
- Stevens, Neil E., 1944*
- Wilcox, R.B., 1950, 1951*
- Wilcox, R.B. and C.S. Beckwith, 1933*
- Veronica peregrina*
Kunkel, L.O., 1945
- Vinca rosea*
Kunkel, L.O., 1945
- Withania somnifera*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
- V. VACCINIUM MOSAIC ***
- Vaccinium angustifolium*
Varney, E.H., 1957
- V. VACCINIUM RING SPOT** Hutchinson and Varney 1954
- Datura stramonium*
Hilborn, M.T. and Reiner Bonde, 1956
- Vaccinium angustifolium*
Hilborn, M.T. and Reiner Bonde, 1956
- Vaccinium corymbosum*
Hutchinson, M.T. and E.H. Varney, 1954
- V. VACCINIUM SHOESTRING ***
- Vaccinium angustifolium*
Varney, E.H., 1957
- V. VACCINIUM STUNT** Wilcox 1942
- Vaccinium angustifolium*
Demaree, J.B., 1946
- Vaccinium atrococcum*
Hutchinson, M.T., A.C. Goheen and E.H. Varney,
1955

VIRUS

V. VACCINIUM STUNT (cont.)

- Vaccinium australe*
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Vaccinium corymbosum
Hutchinson, M.T., A.C. Goheen and E.H. Varney,
1955
Vaccinium stamineum
Hutchinson, M.T., A.C. Goheen and E.H. Varney,
1955
Vaccinium vacillans
Hutchinson, M.T., A.C. Goheen and E.H. Varney,
1955
Vinca rosea
Hutchinson, M.T., A.C. Goheen and E.H. Varney,
1955

V. VIGNA 1 *

- Vigna sinensis*
Warid, W.A. and A.G. Plakidas, 1950, 1952

V. VIGNA 2 *

- Vigna sinensis*
Warid, W.A. and A.G. Plakidas, 1950, 1952

V. VIGNA 3 *

- Vigna sinensis*
Warid, W.A. and A.G. Plakidas, 1950, 1952

V. VIGNA 3A *

- Vigna sinensis*
Warid, W.A. and A.G. Plakidas, 1950, 1952

V. VINCA YELLOWS *

- Daucus carota*
Maramorosch, Karl, 1956
Daucus carota var. *sativa*
Maramorosch, Karl, 1957
Vinca rosea
Maramorosch, Karl, 1956

V. VINE INFECTIOUS DEGENERATION Branas 1948;
Doubals and Huglin 1950

- Vitis rupestris*
Hewitt, Wm. B., 1956
Vitis vinifera
(K.M. Smith, 1957) R.E. Fitzpatrick, et al., 1958
Hewitt, Wm. B., 1945, 1956

V. VINE LEAF ROLL Scheu 1936

- Vitis vinifera*
Harmon, F.N. and J.H. Weinberger, 1956

V. VINE YELLOW MOSAIC Hewitt 1953

- Vitis vinifera*
Hewitt, Wm. B. and Charles J. Delp, 1953

V. (VINE) YELLOW VEIN *

- Vitis vinifera*
Hewitt, Wm. B., 1956

V. WALNUT BROOMING DISEASE *

- Juglans cinerea*
Hutchins, Lee M. and Horace V. Wester, 1947
Juglans cordiformis var. *ailantifolia*
Hutchins, Lee M. and Horace V. Wester, 1947
Juglans nigra
Hutchins, Lee M. and Horace V. Wester, 1947

V. WATERMELON MOSAIC Anderson 1954

- Citrullus vulgaris*
Anderson, C.W., 1952, 1954
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Pound, Glenn S., 1949
Walker, M.N., 1933
Citrullus vulgaris var. *citroides*
Anderson, C.W., 1954
Cucumis melo
Anderson, C.W., 1954
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Pound, Glenn S., 1949
Cucumis melo var. *reticulatus*
Anderson, C.W., 1952

VIRUS

V. WATERMELON MOSAIC (cont.)

- Cucumis sativus*
Anderson, C.W., 1952, 1954
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Cucurbita maxima
Anderson, C.W., 1952, 1954
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Cucurbita moschata
Anderson, C.W., 1954
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Cucurbita pepo
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Cucurbita pepo var. *medullosa**
Anderson, C.W., 1954
Cyclanthera pedata
Anderson, C.W., 1954
Lagenaria siceraria (*Lagenaria leucantha*)
Anderson, C.W., 1954
Luffa aegyptiaca (*Luffa cylindrica*)
Anderson, C.W., 1954
Melothria pendula
Anderson, C.W., 1954
Melothria spp.
Anderson, C.W., 1952
Nicotiana tabacum
Pound, Glenn S., 1949
Phaseolus vulgaris
Pound, Glenn S., 1949
Pisum sativum
Pound, Glenn S., 1949

V. WATSONIA MOSAIC *

- Tritonia crocata*
Smith, Floyd F. and Philip Brierley, 1944
Watsonia marginata
Smith, Floyd F. and Philip Brierley, 1944

V. WESTERN WATERMELON MOSAIC Freitag 1952

- Citrullus vulgaris*
Freitag, J.H., 1952

V. WHEAT SPOT MOSAIC *

- Eragrostis cilianensis*
Slykhuis, John T., 1956
Hordeum vulgare
Slykhuis, John T., 1956
Setaria italicica
Slykhuis, John T., 1956
Setaria verticillata
Slykhuis, John T., 1956
Setaria viridis
Slykhuis, John T., 1956
Triticum aestivum
Slykhuis, John T., 1956
Triticum dicoccum
Slykhuis, John T., 1956
Triticum durum
Slykhuis, John T., 1956
Triticum timopheevii
Slykhuis, John T., 1956
Zea mays
Slykhuis, John T., 1956

V. WHEAT STREAK MOSAIC McKinney 1944, 1953

- Aegilops crassa*
McKinney, H.H. and Hurley Fellows, 1951
Aegilops cylindrica
McKinney, H.H. and Hurley Fellows, 1951
Aegilops ovata
McKinney, H.H. and Hurley Fellows, 1951
Aegilops triuncialis
McKinney, H.H. and Hurley Fellows, 1951
Aegilops ventricosa
McKinney, H.H. and Hurley Fellows, 1951
Agropyron elongatum
McKinney, H.H. and W.J. Sando, 1951
Agropyron hybrid
Sill, W.H., Jr., 1956
Agropyron intermedium
McKinney, H.H. and W.J. Sando, 1951

VIRUS

V. WHEAT STREAK MOSAIC (cont.)

- Agropyron lasianthum*
McKinney, H.H. and W.J. Sando, 1951
- Agropyron pungens*
McKinney, H.H. and W.J. Sando, 1951
- Agropyron trachycaulum*
McKinney, H.H. and W.J. Sando, 1951
- Agropyron ugamicum*
McKinney, H.H. and W.J. Sando, 1951
- Avena byzantina*
McKinney, H.H., 1949
- Avena fatua*
Slykhuis, John T., 1955
- Avena sativa*
Finley, A.M., 1957
Houston, Byron R. and John W. Oswald, 1952
McKinney, H.H., 1949
Slykhuis, J.T., 1952, 1955
- Avena sativa* var. *orientalis*
McKinney, H.H., 1949
- Avena spp.*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Bouteloua hirsuta*
McKinney, H.H. and Hurley Fellows, 1951
- Bromus japonicus*
McKinney, H.H. and Hurley Fellows, 1951
Slykhuis, J.T., 1952, 1955
- Bromus secalinus*
Slykhuis, J.T., 1952, 1955
- Bromus tectorum*
Slykhuis, J.T., 1952, 1955
- Digitaria ischaemum*
McKinney, H.H. and Hurley Fellows, 1951
Meiners, Jack P. and H.H. McKinney, 1954
- Digitaria sanguinalis*
Slykhuis, J.T., 1952, 1955
- Echinochloa crus-galli*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
Slykhuis, J.T., 1952, 1955
- Elymus canadensis*
McKinney, H.H. and Hurley Fellows, 1951
Slykhuis, John T., 1955
- Elymus condensatus*
McKinney, H.H. and Hurley Fellows, 1951
- Elymus giganteus*
McKinney, H.H. and Hurley Fellows, 1951
- Elymus virginicus*
McKinney, H.H. and Hurley Fellows, 1951
- Eragrostis cilianensis* (*Eragrostis major*)
Slykhuis, J.T., 1952, 1955
- Eragrostis trichodes*
McKinney, H.H. and Hurley Fellows, 1951
- Euchlaena mexicana*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Haynaldia villosa* *
- Hordeum gussoneanum*
McKinney, H.H. and Hurley Fellows, 1951
- Hordeum murinum*
McKinney, H.H. and Hurley Fellows, 1951
- Hordeum spp.*
McKinney, H.H. and Hurley Fellows, 1951
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Hordeum vulgare*
Finley, A.M., 1957
McKinney, H.H., 1949, 1956
Slykhuis, J.T., 1952, 1954, 1955
- Oryzopsis hymenoides*
McKinney, H.H. and Hurley Fellows, 1951
Slykhuis, John T., 1954, 1955
- Panicum capillare*
Slykhuis, J.T., 1952, 1955
- Panicum miliaceum*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Panicum ramosum*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Phalaris paradoxa*
McKinney, H.H. and Hurley Fellows, 1951
- Poa bulbosa*
McKinney, H.H. and Hurley Fellows, 1951
- Poa compressa*
McKinney, H.H. and Hurley Fellows, 1951

VIRUS

V. WHEAT STREAK MOSAIC (cont.)

- Poa compressa*
Slykhuis, John T., 1954, 1955
- Poa stenantha*
McKinney, H.H. and Hurley Fellows, 1951
- Saccharum officinarum*
McKinney, H.H., 1949
- Secale cereale*
McKinney, H.H. and W.J. Sando, 1951
Slykhuis, John T., 1954, 1955
- Secale cereale* subsp. *ancestrale* *
McKinney, H.H. and W.J. Sando, 1951
- Secale montanum*
McKinney, H.H. and W.J. Sando, 1951
- Secale spp.*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Setaria italicica*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
Slykhuis, John T., 1955
- Setaria verticillata*
Slykhuis, J.T., 1952, 1955
- Setaria viridis*
Finley, A.M., 1957
McKinney, H.H. and Hurley Fellows, 1951
Slykhuis, John T., 1951, 1952, 1955
- Stipa robusta*
McKinney, H.H. and Hurley Fellows, 1951
- Triticum aegilopoides* *
McKinney, H.H. and W.J. Sando, 1951
- Triticum aestivum*
Andrews, J.E. and J.T. Slykhuis, 1956
Atkinson, R.E., 1949
Bellingham, Roscoe C., Hurley Fellows and
Webster H. Sill, Jr., 1957
Fellows, Hurley and John W. Schmidt, 1953
Fellows, H., W.H. Sill, Jr. and H.H. McKinney,
1952
Finley, A.M., 1957
Lal, S.B. and W.H. Sill, Jr., 1957
Lal, S.B., W.H. Sill, Jr., Maria S. Del Rosario,
and J.M. Kainski, 1957
McKinney, H.H., 1949, 1956
McKinney, H.H. and W.J. Sando, 1951
Meiners, Jack P. and H.H. McKinney, 1954
Sill, W.H., Jr., 1952, 1953
Sill, W.H., Jr. and H. Fellows, 1953
Slykhuis, J.T., 1953, 1954, 1955
- Triticum dicoccoides*
McKinney, H.H. and W.J. Sando, 1951
- Triticum dicoccoides* var. *strausianum* *
McKinney, H.H. and W.J. Sando, 1951
- Triticum dicoccum*
McKinney, H.H., 1949
McKinney, H.H. and W.J. Sando, 1951
Slykhuis, John T., 1955
- Triticum durum*
McKinney, H.H. and W.J. Sando, 1951
Slykhuis, John T., 1955
- Triticum monococcum*
McKinney, H.H. and W.J. Sando, 1951
- Triticum monococcum* var. *flavescens* *
McKinney, H.H. and W.J. Sando, 1951
- Triticum monococcum* var. *laetissimum* *
McKinney, H.H. and W.J. Sando, 1951
- Triticum orientale*
McKinney, H.H. and W.J. Sando, 1951
- Triticum persicum* var. *stramineum* *
McKinney, H.H. and W.J. Sando, 1951
- Triticum polonicum*
McKinney, H.H., 1949
McKinney, H.H. and W.J. Sando, 1951
- Triticum spelta*
McKinney, H.H., 1949
McKinney, H.H. and W.J. Sando, 1951
- Triticum sphaerococcum*
McKinney, H.H. and W.J. Sando, 1951
- Triticum timopheevii*
McKinney, H.H. and W.J. Sando, 1951
Slykhuis, John T., 1955
- Triticum turgidum*
McKinney, H.H., 1949
McKinney, H.H. and W.J. Sando, 1951

VIRUS

V. WHEAT STREAK MOSAIC (cont.)

- Triticum vulgare*
Slykhuis, J.T., 1952
- Zea mays*
Finley, A.M., 1957
McKinney, H.H., 1949
Meiners, Jack P. and H.H. McKinney, 1954
Sill, W.H., Jr., 1956
Sill, W.H., Jr. and Patrick C. Agusibio, 1955
Slykhuis, John T., 1955
Zea mays var. *saccharata*
McKinney, H.H., 1949

V. WHEAT STRIATE MOSAIC Slykhuis 1952

- Avena sativa*
Slykhuis, J.T., 1953
Slykhuis, John T. and Marion A. Watson, 1958
- Eragrostis cilianensis* (*Eragrostis major*)
Slykhuis, J.T., 1952, 1953
- Hordeum vulgare*
Slykhuis, J.T., 1953
Slykhuis, John T. and Marion A. Watson, 1958
- Lolium multiflorum*
Slykhuis, John T. and Marion A. Watson, 1958
- Lolium perenne*
Slykhuis, John T. and Marion A. Watson, 1958
- Panicum capillare*
Slykhuis, J.T., 1952, 1953
- Secale cereale*
Slykhuis, John T. and Marion A. Watson, 1958
- Triticum aestivum*
Slykhuis, John T. and Marion A. Watson, 1958
- Triticum dicoccum*
Slykhuis, J.T., 1953
- Triticum durum*
Slykhuis, J.T., 1953
- Triticum vulgare*
Slykhuis, J.T., 1952, 1953

V. WILD CUCUMBER MOSAIC *

- Cucurbita maxima*
Freitag, J.H., 1941
- Echinocystis lobata*
Fernow, Karl Hermann, 1925
- Nicandra physalodes*
Fernow, Karl Hermann, 1925
- Nicotiana glutinosa*
Fernow, Karl Hermann, 1925
- Sicyos angulatus*
Freitag, J.H., 1952

V. WISCONSIN PEA STREAK Hagedorn and Walker 1949

- Glycine max*
Hagedorn, D.J., 1952
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Lathyrus hirsutus*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Lathyrus odoratus*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Medicago orbicularis*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Melilotus alba*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Melilotus officinalis*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
Skotland, C.B., 1953
Skotland, C.B. and D.J. Hagedorn, 1954
- Pisum sativum*
Hagedorn, D.J., 1952
Hagedorn, D.J. and J.C. Walker, 1949, 1954
Skotland, C.B., 1953
Skotland, C.B. and D.J. Hagedorn, 1954, 1955
- Pisum sativum* var. *arvense*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Trifolium hybridum*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
Skotland, C.B., 1953
- Trifolium incarnatum*
Hagedorn, D.J., 1952
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Trifolium pratense*
Hagedorn, D.J., 1952
Hagedorn, D.J. and J.C. Walker, 1949, 1954

VIRUS

V. WISCONSIN PEA STREAK (cont.)

- Trifolium pratense*
Hanson, E.W. and D.J. Hagedorn, 1952
Skotland, C.B., 1953
Skotland, C.B. and D.J. Hagedorn, 1954
- Trifolium repens*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
Trigonella foenum-graecum
Hagedorn, D.J., 1952
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Vicia atropurpurea*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Vicia faba* var. *major* *
Hagedorn, D.J. and J.C. Walker, 1954
- Vicia faba* var. *minor* *
Hagedorn, D.J. and J.C. Walker, 1954
- Vicia grandiflora*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Vicia monantha*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Vicia villosa*
Hagedorn, D.J. and J.C. Walker, 1949, 1954

V. WINTER WHEAT MOSAIC Zazhurilo and Sitnikova 1939

- Triticum aestivum*
Webb, Robert W., 1927, 1928

V. WISTERIA MOSAIC *

- Wisteria floribunda*
Brierley, Philip and Paul Lorentz, 1957
- Wisteria sinensis*
Brierley, Philip and Paul Lorentz, 1957
- Wisteria spp.*
Brierley, Philip and Paul Lorentz, 1957

V. YAM MOSAIC *

- Capsicum frutescens* (*Capsicum annuum*)
Adsuar, J., 1955
- Cucumis sativus*
Adsuar, J., 1955
- Dioscorea rotundata*
Adsuar, J., 1955
- Nicotiana tabacum*
Adsuar, J., 1955

VIRUS

- V. ABACA BUNCHY TOP Ocfemia 1930
Musa balbisiana
 Bernardo, Fernando A. and Dioscoro L. Umali,
 1956
Musa cavendishii
 Ocfemia, G.O. and Gabino G. Buhay, 1934
Musa paradisiaca subsp. *sapientum* var. *cineria*
 Ocfemia, G.O. and Gabino G. Buhay, 1934
Musa paradisiaca subsp. *sapientum* var. *lactata*
 Ocfemia, G.O. and Gabino G. Buhay, 1934
Musa paradisiaca subsp. *sapientum* var. *suaveolens*
 Ocfemia, G.O. and Gabino G. Buhay, 1934
Musa sapientum var. *compressa**
 Ocfemia, G.O. and Gabino G. Buhay, 1934
Musa textilis x *Musa balbisiana*
 Umali, D.L., F.A. Bernardo and G.O. Ocfemia,
 1956

V. ABUTILON INFECTIOUS VARIEGATION ((Morren 1869)) Brierley 1944

- Abelmoschus esculentus*
 Bird, Julio, 1958
Boehmeria nivea
 Silberschmidt, Karl M., 1948
Chamaesyce hypericifolia
 Bird, Julio, 1958
Crotalaria striata
 Bird, Julio, 1958
Datura stramonium
 Bird, Julio, 1958
Euphorbia prunifolia
 Bird, Julio, 1958
 Costa, A.S. and C.W. Bennett, 1950
Gossypium hirsutum
 Bird, Julio, 1958
Ipomoea batatas
 Bird, Julio, 1958
Ipomoea quinquefolia
 Bird, Julio, 1958
Jatropha gossypifolia
 Bird, Julio, 1958
Malachra capitata
 Bird, Julio, 1958
Nicotiana tabacum
 Silberschmidt, K. and L.R. Tommasi, 1956
Phaseolus vulgaris
 Bird, Julio, 1958
Physalis angulata
 Bird, Julio, 1958
Sida rhombifolia
 Silberschmidt, Karl M., 1948
Triumfetta lappula
 Bird, Julio, 1958
Triumfetta semitriloba
 Bird, Julio, 1958
Zinnia elegans
 Bird, Julio, 1958

V. AGROPYRON MOSAIC McKinney 1944

- Agropyron ciliare**
 Slykhuis, J.T., 1952
Agropyron cristatum
 Slykhuis, J.T., 1952
Agropyron dasystachyum
 Slykhuis, J.T., 1952
Agropyron desertorum
 Slykhuis, J.T., 1952
Agropyron trachycaulum
 Slykhuis, J.T., 1952
Agropyron trichophorum
 Slykhuis, J.T., 1952
Avena fatua
 Slykhuis, J.T., 1952
Avena sativa
 Slykhuis, J.T., 1952
Bromus inermis
 Slykhuis, J.T., 1952
Bromus japonicus
 Slykhuis, J.T., 1952
Bromus secalinus
 Slykhuis, J.T., 1952
Bromus tectorum
 Slykhuis, J.T., 1952

VIRUS

- V. AGROPYRON MOSAIC (cont.)
Digitaria sanguinalis
 Slykhuis, J.T., 1952
Echinochloa crus-galli
 Slykhuis, J.T., 1952
Eragrostis ciliaris (*Eragrostis major*)
 Slykhuis, J.T., 1952
Hordeum jubatum
 Slykhuis, J.T., 1952
Hordeum vulgare
 Slykhuis, J.T., 1952
Panicum capillare
 Slykhuis, J.T., 1952
Panicum miliaceum
 Slykhuis, J.T., 1952
Phalaris arundinacea
 Slykhuis, J.T., 1952
Phleum pratense
 Slykhuis, J.T., 1952
Poa pratensis
 Slykhuis, J.T., 1952
Setaria italica
 Slykhuis, J.T., 1952
Setaria lutescens
 Slykhuis, J.T., 1952
Setaria verticillata
 Slykhuis, J.T., 1952
Setaria viridis
 Slykhuis, J.T., 1952
Sorghum vulgare
 Slykhuis, J.T., 1952
Zea mays
 Slykhuis, J.T., 1952

V. ALSIKE CLOVER MOSAIC Zaumeyer and Wade 1935

- Crotalaria retusa*
 Zaumeyer, W.J., 1940
Crotalaria spectabilis
 Zaumeyer, W.J., 1940
Datura stramonium
 Zaumeyer, W.J., 1940
Glycine max
 Zaumeyer, W.J., 1940
Nicotiana glauca
 Zaumeyer, W.J., 1940
Nicotiana glutinosa
 Zaumeyer, W.J., 1940
Nicotiana tabacum
 Zaumeyer, W.J., 1940
Petunia hybrida
 Zaumeyer, W.J., 1940
Phaseolus aureus
 Zaumeyer, W.J., 1940
Phaseolus lunatus
 Zaumeyer, W.J., 1940
Trifolium pratense
 Zaumeyer, W.J., 1940
Trifolium repens
 Zaumeyer, W.J., 1940
Vicia sativa
 Zaumeyer, W.J., 1940

V. ANEMONE BROWN RING *

- Ageratum conyzoides*
 Hollings, M., 1958
Alonsoa warscewiczii
 Hollings, M., 1958
Antirrhinum majus
 Hollings, M., 1958
Apium graveolens
 Hollings, M., 1958
Beta vulgaris
 Hollings, M., 1958
Brassica pekinensis
 Hollings, M., 1958
Brassica rapa
 Hollings, M., 1958
Callistephus chinensis
 Hollings, M., 1958
Celosia argentea
 Hollings, M., 1958
Chrysanthemum morifolium
 Hollings, M., 1958

VIRUS

- V. ANEMONE BROWN RING * (cont.)
- Convolvulus tricolor*
Hollings, M., 1958
 - Cucumis sativus*
Hollings, M., 1958
 - Datura stramonium*
Hollings, M., 1958
 - Dianthus barbatus*
Hollings, M., 1958
 - Fagopyrum esculentum*
Hollings, M., 1958
 - Funaria officinalis*
Hollings, M., 1958
 - Hyoscyamus niger*
Hollings, M., 1958
 - Lactuca sativa*
Hollings, M., 1958
 - Lythrum salicaria*
Hollings, M., 1958
 - Nicotiana affinis*
Hollings, M., 1958
 - Nicotiana clevelandi*
Hollings, M., 1958
 - Nicotiana glutinosa*
Hollings, M., 1958
 - Nicotiana rustica*
Hollings, M., 1958
 - Nicotiana tabacum*
Hollings, M., 1958
 - Papaver somniferum*
Hollings, M., 1958
 - Passiflora caerulea*
Hollings, M., 1958
 - Petunia hybrida*
Hollings, M., 1958
 - Phaseolus coccineus*
Hollings, M., 1958
 - Phaseolus vulgaris*
Hollings, M., 1958
 - Phlox drummondii*
Hollings, M., 1958
 - Physalis floridana*
Hollings, M., 1958
 - Phytolacca americana*
Hollings, M., 1958
 - Plantago lanceolata*
Hollings, M., 1958
 - Primula malacoides*
Hollings, M., 1958
 - Reseda odorata*
Hollings, M., 1958
 - Senecio vulgaris*
Hollings, M., 1958
 - Spinacia oleracea*
Hollings, M., 1958
 - Stellaria media*
Hollings, M., 1958
 - Trifolium repens*
Hollings, M., 1958
 - Tropaeolum majus*
Hollings, M., 1958
 - Verbena hybrida*
Hollings, M., 1958
 - Vicia faba*
Hollings, M., 1958
 - Vigna sinensis*
Hollings, M., 1958
 - Zinnia elegans*
Hollings, M., 1958
- V. ANEMONE MOSAIC *
- Anchusa azurea*
Hollings, M., 1957
 - Antirrhinum majus*
Hollings, M., 1957
 - Apium graveolens var. dulce*
Hollings, M., 1957
 - Beta vulgaris*
Hollings, M., 1957
 - Brassica oleracea var. acephala*
Hollings, M., 1957
 - Brassica oleracea var. botrytis*
Hollings, M., 1957

VIRUS

- V. ANEMONE MOSAIC * (cont.)
- Brassica oleracea var. caulorapa*
Hollings, M., 1957
 - Brassica oleracea var. gemmifera*
Hollings, M., 1957
 - Callistephus chinensis*
Hollings, M., 1957
 - Canna indica*
Hollings, M., 1957
 - Capsicum frutescens (Capsicum annuum)*
Hollings, M., 1957
 - Chenopodium cheirii*
Hollings, M., 1957
 - Chrysanthemum morifolium*
Hollings, M., 1957
 - Convolvulus sepium*
Hollings, M., 1957
 - Cucumis sativus*
Hollings, M., 1957
 - Dahlia pinnata*
Hollings, M., 1957
 - Datura stramonium*
Hollings, M., 1957
 - Dianthus barbatus*
Hollings, M., 1957
 - Echium vulgare*
Hollings, M., 1957
 - Epilobium montanum*
Hollings, M., 1957
 - Euphorbia peplus*
Hollings, M., 1957
 - Helichrysum bracteatum*
Hollings, M., 1957
 - Ipomoea tricolor*
Hollings, M., 1957
 - Lactuca sativa*
Hollings, M., 1957
 - Lobularia maritima*
Hollings, M., 1957
 - Lycopersicon esculentum*
Hollings, M., 1957
 - Melilotus alba*
Hollings, M., 1957
 - Myosotis sylvatica*
Hollings, M., 1957
 - Nasturtium officinale*
Hollings, M., 1957
 - Pelargonium domesticum*
Hollings, M., 1957
 - Phaseolus vulgaris*
Hollings, M., 1957
 - Phlox drummondii*
Hollings, M., 1957
 - Pisum sativum*
Hollings, M., 1957
 - Ranunculus acris*
Hollings, M., 1957
 - Ranunculus ficaria*
Hollings, M., 1957
 - Ranunculus repens*
Hollings, M., 1957
 - Raphanus sativus*
Hollings, M., 1957
 - Salvia splendens*
Hollings, M., 1957
 - Solanum tuberosum*
Hollings, M., 1957
 - Spinacia oleracea*
Hollings, M., 1957
 - Trifolium repens*
Hollings, M., 1957
 - Tropaeolum majus*
Hollings, M., 1957
 - Vigna sinensis*
Hollings, M., 1957
- V. APPLE MOSAIC Khristov 1934 ((May be identical with V. Plum line pattern Gilmer 1956.))
- Cuscuta campestris*
Yarwood, C.E., 1955
 - Cuscuta subinclusa*
Yarwood, C.E., 1955
 - Cuscuta subinclusa*
Yarwood, C.E. and H.E. Thomas, 1954

VIRUS

V. ASCLEPIAS YELLOWS *

Cuscuta campestris
Kunkel, L.O., 1950

V. ASTER YELLOWS Kunkel 1926, 1936

Apium graveolens var. *dulce*
Severin, Henry H.P., 1934*Beta vulgaris*
Severin, Henry H.P., 1929*Callistephus chinensis*
Brierley, Philip and Floyd F. Smith, 1957*Centaury cyanus*
Kunkel, L.O., 1928*Cuscuta campestris*
Brierley, Philip and Floyd F. Smith, 1957*Fulton, J.P.*, 1957

Johnson, Folke, 1941

Cuscuta spp.

Self, R. L. and H. M. Darling, 1949

Dianthus caryophyllus

Smith, Floyd F. and Philip Brierley, 1953

Lactuca bourgaei

Tompson, Ross C., 1944

Lactuca marschallii *

Tompson, Ross C., 1944

Lactuca tatarica

Tompson, Ross C., 1944

Parthenium argentatum

Severin, Henry H.P., 1945

Plantago lanceolata

Kunkel, L.O., 1928

Prunus persica (*Amygdalus persica*)

McClintock, J.A., 1931

Rosa spp.

Brierley, Philip and Floyd F. Smith, 1940

Secale cereale

Black, L.M., 1941

Spinacia oleracea

Severin, H.H.P., 1928

V. BARLEY STRIPE MOSAIC McKinney 1953; Hagborg 1954

Agropyron ciliare *

Slykhuys, J.T., 1952

Agropyron cristatum

Slykhuys, J.T., 1952

Agropyron dasystachyum

Slykhuys, J.T., 1952

Agropyron desertorum

Slykhuys, J.T., 1952

Agropyron elongatum

Slykhuys, J.T., 1952

Agropyron inerme

Slykhuys, J.T., 1952

Agropyron intermedium

Slykhuys, J.T., 1952

Agropyron junceum

Slykhuys, J.T., 1952

Agropyron pertenue

Slykhuys, J.T., 1952

Agropyron repens

Slykhuys, J.T., 1952

Agropyron rigidum

Slykhuys, J.T., 1952

Agropyron trachycaulum

Slykhuys, J.T., 1952

Agropyron trichophorum

Slykhuys, J.T., 1952

Avena fatua

Slykhuys, J.T., 1952

Avena sativa

Sill, W.H., Jr. and E.D. Hansing, 1955

Slykhuys, J.T., 1952

Beta vulgaris

Sill, W.H., Jr. and E.D. Hansing, 1955

Beta vulgaris var. *cicla*

Sill, W.H., Jr. and E.D. Hansing, 1955

Bromus inermis

Slykhuys, J.T., 1952

Cucumis sativus

McKinney, H.H., 1953

Sill, W.H., Jr. and E.D. Hansing, 1955

Festuca rubra

Slykhuys, J.T., 1952

VIRUS

V. BARLEY STRIPE MOSAIC (cont.)

Glycine max

Sill, W.H., Jr. and E.D. Hansing, 1955

Lycopersicon esculentum

Sill, W.H., Jr. and E.D. Hansing, 1955

Medicago sativa

Sill, W.H., Jr. and E.D. Hansing, 1955

Phalaris arundinacea

Slykhuys, J.T., 1952

Phaseolus vulgaris

McKinney, H.H., 1953

Sill, W.H., Jr. and E.D. Hansing, 1955

Phleum pratense

Slykhuys, J.T., 1952

Poa pratensis

Slykhuys, J.T., 1952

Setaria lutescens

Slykhuys, J.T., 1952

Sorghum vulgare

Sill, W.H., Jr. and E.D. Hansing, 1955

Slykhuys, J.T., 1952

V. BARLEY YELLOW DWARF Oswald and Houston 1951

Agropyron amurense *

Bruehl, G.W. and H.V. Toko, 1957

Agropyron cristatum

Bruehl, G.W. and H.V. Toko, 1957

Oswald, John W. and Byron R. Houston, 1953

Agropyron elongatum

Bruehl, G.W. and H.V. Toko, 1957

Agropyron inerme

Bruehl, G.W. and H.V. Toko, 1957

Agropyron intermedium

Bruehl, G.W. and H.V. Toko, 1957

Agropyron repens

Bruehl, G.W. and H.V. Toko, 1957

Agropyron sibiricum

Bruehl, G.W. and H.V. Toko, 1957

Agropyron smithii

Bruehl, G.W. and H.V. Toko, 1957

Agropyron trachycaulum

Bruehl, G.W. and H.V. Toko, 1957

Agropyron trichophorum

Bruehl, G.W. and H.V. Toko, 1957

Agrostis alba

Bruehl, G.W. and H.V. Toko, 1957

Oswald, John W. and Byron R. Houston, 1953

Agrostis exarata

Oswald, John W. and Byron R. Houston, 1953

Agrostis palustris

Bruehl, G.W. and H.V. Toko, 1957

Alopecurus arundinaceus

Bruehl, G.W. and H.V. Toko, 1957

Alopecurus pratensis

Bruehl, G.W. and H.V. Toko, 1957

*Oswald, John W. and Byron R. Houston, 1953**Arrhenatherum elatius*

Bruehl, G.W. and H.V. Toko, 1957

*Oswald, John W. and Byron R. Houston, 1953**Beckmannia syzigachne*

Bruehl, G.W. and H.V. Toko, 1957

Bouteloua gracilis

Oswald, John W. and Byron R. Houston, 1953

Bromus inermis

Bruehl, G.W. and H.V. Toko, 1957

Deschampsia caespitosa

Bruehl, G.W. and H.V. Toko, 1957

Deschampsia danthonioides

Oswald, John W. and Byron R. Houston, 1953

Digitaria sanguinalis

Oswald, John W. and Byron R. Houston, 1953

Echinochloa crus-galli

Bruehl, G.W. and H.V. Toko, 1957

Oswald, John W. and Byron R. Houston, 1953

Elymus canadensis

Bruehl, G.W. and H.V. Toko, 1957

Elymus condensatus

Bruehl, G.W. and H.V. Toko, 1957

Elymus giganteus

Bruehl, G.W. and H.V. Toko, 1957

Elymus glaucus

Bruehl, G.W. and H.V. Toko, 1957

Oswald, John W. and Byron R. Houston, 1953

VIRUS

- V. BARLEY YELLOW DWARF (cont.)
Elymus junceus
 Bruehl, G.W. and H.V. Toko, 1957
Elymus triticoides
 Bruehl, G.W. and H.V. Toko, 1957
Holcus lanatus
 Bruehl, G.W. and H.V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1953
Lolium perenne
 Bruehl, G.W. and H.V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1953
Oryzopsis hymenoides
 Bruehl, G.W. and H.V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1953
Paspalum dilatatum
 Oswald, John W. and Byron R. Houston, 1953
Phalaris tuberosa
 Bruehl, G.W. and H.V. Toko, 1957
Phleum boehmeri
 Bruehl, G.W. and H.V. Toko, 1957
Phleum phleoides
 Bruehl, G.W. and H.V. Toko, 1957
Phleum pratense
 Oswald, John W. and Byron R. Houston, 1953
Poa ampla
 Bruehl, G.W. and H.V. Toko, 1957
Poa bulbosa
 Bruehl, G.W. and H.V. Toko, 1957
Poa canbyi
 Bruehl, G.W. and H.V. Toko, 1957
Poa compressa
 Bruehl, G.W. and H.V. Toko, 1957
Poa pratensis
 Bruehl, G.W. and H.V. Toko, 1957
Secale cereale
 Bruehl, G.W. and H.V. Toko, 1955
Secale montanum
 Bruehl, G.W. and H.V. Toko, 1957
Setaria viridis
 Bruehl, G.W. and H.V. Toko, 1957
 Oswald, John W. and Byron R. Houston, 1953
Sorghum vulgare
 Oswald, John W. and Byron R. Houston, 1953
Stipa cernua
 Oswald, John W. and Byron R. Houston, 1953
Zea mays
 Oswald, John W. and Byron R. Houston, 1953
- V. BAYBERRY YELLOWS Raychaudhuri 1953
Calendula officinalis
 Raychaudhuri, S.P., 1953
Callistephus chinensis
 Raychaudhuri, S.P., 1953
Cuscuta campestris
 Raychaudhuri, S.P., 1952, 1953
Cuscuta subinclusa
 Raychaudhuri, S.P., 1953
Datura stramonium
 Raychaudhuri, S.P., 1953
Gomphrena globosa
 Raychaudhuri, S.P., 1953
Lycopersicon esculentum
 Raychaudhuri, S.P., 1953
Medicago sativa
 Raychaudhuri, S.P., 1953
Nicotiana glauca
 Raychaudhuri, S.P., 1953
Nicotiana glutinosa
 Raychaudhuri, S.P., 1953
Nicotiana rustica
 Raychaudhuri, S.P., 1953
Nicotiana tabacum
 Raychaudhuri, S.P., 1953
Phaseolus vulgaris
 Raychaudhuri, S.P., 1953
Prunus persica (Amygdalus persica)
 Raychaudhuri, S.P., 1953
Solanum melongena
 Raychaudhuri, S.P., 1953
Solanum tuberosum
 Raychaudhuri, S.P., 1953
Trifolium incarnatum
 Raychaudhuri, S.P., 1953

VIRUS

- V. BAYBERRY YELLOWS (cont.)
Vaccinium corymbosum
 Raychaudhuri, S.P., 1953
Vaccinium macrocarpon (Oxycoccus macrocarpon)
 Raychaudhuri, S.P., 1953
Vicia faba
 Raychaudhuri, S.P., 1953
Zinnia multiflora
 Raychaudhuri, S.P., 1953
- V. BEAN COMMON MOSAIC
Cajanus indicus
 Zaumeyer, W.J. and B.L. Wade, 1935
Canavalia ensiformis
 Reddick, D. and V.B. Stewart, 1919
Canavalia gladiata
 Nelson, Ray, 1932
 Zaumeyer, W.J. and B.L. Wade, 1935
Cicer arietinum
 Reddick, D. and V.B. Stewart, 1919
 Snyder, W.C., 1942
 Zaumeyer, W.J. and B.L. Wade, 1935
Cucumis sativus
 Ainsworth, G.C., 1940
 Doolittle, S.P. and W.W. Gilbert, 1918
Dolichos lablab
 Nelson, Ray, 1932
 Reddick, D. and V.B. Stewart, 1919
 Zaumeyer, W.J. and B.L. Wade, 1935
Glycine max
 Snyder, W.C., 1942
 Zaumeyer, W.J. and B.L. Wade, 1935
Lactuca sativa var. capitata
 Ainsworth, G.C., 1940
Lathyrus odoratus
 Ainsworth, G.C., 1940
 Doolittle, S.P. and F.R. Jones, 1925
 Snyder, W.C., 1942
 Zaumeyer, W.J. and B.L. Wade, 1933, 1935
Lens esculenta
 Zaumeyer, W.J. and B.L. Wade, 1935
Lupinus albus
 Zaumeyer, W.J. and B.L. Wade, 1935
Lycopersicon esculentum
 Ainsworth, G.C., 1940
Medicago sativa
 Snyder, W.C., 1942
 Zaumeyer, W.J. and B.L. Wade, 1935
Melilotus alba
 Snyder, W.C., 1942
 Zaumeyer, W.J. and B.L. Wade, 1935
Melilotus indica
 Snyder, W.C., 1942
Mucuna deeringianum
 Zaumeyer, W.J. and B.L. Wade, 1935
Nicotiana glutinosa
 Grogan, Raymond G. and J.C. Walker, 1948
 Snyder, W.C., 1942
Nicotiana tabacum
 Snyder, W.C., 1942
Phaseolus aconitifolius
 Reddick, D. and V.B. Stewart, 1919
Phaseolus acutifolius var. latifolius
 Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus angularis
 Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus aureus
 Nelson, Ray, 1932
 Reddick, D. and V.B. Stewart, 1919
 Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus calcaratus
 Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus lunatus
 Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus lunatus f. macrocarpus
 Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus mungo
 Zaumeyer, W.J. and B.L. Wade, 1935
Pisum sativum
 Ainsworth, G.C., 1940
 Doolittle, S.P. and F.R. Jones, 1925
 Snyder, W.C., 1942
 Zaumeyer, W.J. and B.L. Wade, 1933, 1935

VIRUS

- V. BEAN COMMON MOSAIC (cont.)
Pisum sativum var. *saccharatum*
 Pierce, W.H., 1935
Trifolium pratense
 Ainsworth, G.C., 1940
 Snyder, W.C., 1942
 Zaumeyer, W.J. and B.L. Wade, 1935
Trifolium repens
 Ainsworth, G.C., 1940
 Snow, Gordon F., 1955
 Snyder, W.C., 1942
 Zaumeyer, W.J. and B.L. Wade, 1935
Vicia americana
 Zaumeyer, W.J. and B.L. Wade, 1935
Vicia faba
 Zaumeyer, W.J. and B.L. Wade, 1935
Vigna cylindrica (*Vigna catjang*)
 Snyder, W.C., 1942
Vigna sesquipedalis
 Zaumeyer, W.J. and B.L. Wade, 1935
Vigna sinensis
 Reddick, D. and V.B. Stewart, 1919
 Zaumeyer, W.J. and B.L. Wade, 1935
- V. BEAN MONTANA *
Medicago sativa
 Afanasiev, M.M. and H.E. Morris, 1946
Trifolium hybridum
 Afanasiev, M.M. and H.E. Morris, 1946
Trifolium pratense
 Afanasiev, M.M. and H.E. Morris, 1946
Trifolium repens
 Afanasiev, M.M. and H.E. Morris, 1946
- V. BEAN MOSAIC 3 *
Lathyrus odoratus
 Zaumeyer, W.J. and B.L. Wade, 1935
Pisum sativum
 Zaumeyer, W.J. and B.L. Wade, 1935
- V. BEAN POD MOTTLE Zaumeyer and Thomas 1948
Beta vulgaris
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Brassica oleracea var. *botrytis*
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Callistephus chinensis
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Capsicum frutescens (*Capsicum annuum*)
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Cucumis sativus
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Datura stramonium
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Dianthus superbus
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Lactuca sativa
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Lycopersicon esculentum
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Melilotus alba
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Nicotiana glutinosa
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Nicotiana tabacum
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Pelargonium hortorum
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Phaseolus angularis
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Phaseolus aureus
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Phaseolus coccineus
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Phaseolus lunatus f. *macrocarpus*
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Phaseolus mungo
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Pisum sativum
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Silene compacta
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Trifolium incarnatum
 Zaumeyer, W.J. and H. Rex Thomas, 1948

VIRUS

- V. BEAN POD MOTTLE (cont.)
Vicia faba
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Vigna sesquipedalis
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Vigna sinensis
 Zaumeyer, W.J. and H. Rex Thomas, 1948
Vinca rosea
 Zaumeyer, W.J. and H. Rex Thomas, 1948
- V. BEAN SOUTHERN MOSAIC
Beta vulgaris
 Zaumeyer, W.J. and L.L. Harter, 1943
Brassica rapa
 Zaumeyer, W.J. and L.L. Harter, 1943
Capsicum frutescens (*Capsicum annuum*)
 Zaumeyer, W.J. and L.L. Harter, 1943
Cicer arietinum
 Zaumeyer, W.J. and L.L. Harter, 1943
Crotalaria spectabilis
 Zaumeyer, W.J. and L.L. Harter, 1943
Cucumis sativus
 Zaumeyer, W.J. and L.L. Harter, 1943
Datura stramonium
 Zaumeyer, W.J. and L.L. Harter, 1943
Glycine max
 Zaumeyer, W.J. and L.L. Harter, 1943
Lupinus albus
 Zaumeyer, W.J. and L.L. Harter, 1943
Lupinus luteus
 Zaumeyer, W.J. and L.L. Harter, 1943
Lycopersicon esculentum
 Zaumeyer, W.J. and L.L. Harter, 1943
Medicago sativa
 Zaumeyer, W.J. and L.L. Harter, 1943
Melilotus alba
 Zaumeyer, W.J. and L.L. Harter, 1943
Mucuna deeringianum
 Zaumeyer, W.J. and L.L. Harter, 1943
Nicotiana glutinosa
 Zaumeyer, W.J. and L.L. Harter, 1943
Nicotiana tabacum
 Zaumeyer, W.J. and L.L. Harter, 1943
Petunia hybrida
 Zaumeyer, W.J. and L.L. Harter, 1943
Phaseolus angularis
 Zaumeyer, W.J. and L.L. Harter, 1943
Phaseolus aureus
 Zaumeyer, W.J. and L.L. Harter, 1943
Phaseolus coccineus
 Zaumeyer, W.J. and L.L. Harter, 1943
Phaseolus lunatus f. *macrocarpus*
 Zaumeyer, W.J. and L.L. Harter, 1943
Phaseolus mungo
 Zaumeyer, W.J. and L.L. Harter, 1943
Pisum sativum
 Zaumeyer, W.J. and L.L. Harter, 1943
Trifolium incarnatum
 Zaumeyer, W.J. and L.L. Harter, 1943
Trifolium pratense
 Zaumeyer, W.J. and L.L. Harter, 1943
Trifolium repens
 Zaumeyer, W.J. and L.L. Harter, 1943
Vicia cylindrica *
 Zaumeyer, W.J. and L.L. Harter, 1943
Vicia faba
 Zaumeyer, W.J. and L.L. Harter, 1943
Vicia sativa
 Zaumeyer, W.J. and L.L. Harter, 1943
Vicia villosa
 Zaumeyer, W.J. and L.L. Harter, 1943
Vigna sesquipedalis
 Zaumeyer, W.J. and L.L. Harter, 1943
Vigna sinensis
 Zaumeyer, W.J. and L.L. Harter, 1943
- V. BEAN YELLOW MOSAIC Pierce 1934
Antirrhinum majus
 Thomas, H. Rex and W.J. Zaumeyer, 1953
Arachis hypogaea
 Grogan, Raymond G. and J.C. Walker, 1948
Belamcanda chinensis
 Brierley, Philip and Floyd F. Smith, 1948

VIRUS

V. BEAN YELLOW MOSAIC (cont.)

- Beta vulgaris
 - Conover, Robert A., 1948
- Brassica oleracea var. capitata
 - Thomas, H. Rex and W. J. Zaumeyer, 1953
- Cajanus indicus
 - Zaumeyer, W. J. and B. L. Wade, 1935
- Canavalia gladiata
 - Zaumeyer, W. J. and B. L. Wade, 1935
- Crotalaria retusa
 - Zaumeyer, W. J., 1940
- Crotalaria spectabilis
 - Conover, Robert A., 1948
- Cucumis sativus
 - Ainsworth, G. C., 1940
 - Grogan, Raymond G. and J.C. Walker, 1948
 - Hagedorn, D.J. and J.C. Walker, 1950, 1954
 - Thomas, H. Rex and W. J. Zaumeyer, 1953
 - Zaumeyer, W. J. and H. H. Fisher, 1953
- Datura stramonium
 - Hagedorn, D.J. and J.C. Walker, 1950, 1954
 - Thomas, H. Rex and W. J. Zaumeyer, 1953
 - Zaumeyer, W. J., 1940
- Dolichos lablab
 - Zaumeyer, W. J. and H. H. Fisher, 1953
 - Zaumeyer, W. J. and B. L. Wade, 1935
- Glycine max
 - Baggett, James R., 1957
 - Grogan, Raymond G. and J.C. Walker, 1948
 - Johnson, James, 1942
 - Zaumeyer, W. J., 1940, 1952
 - Zaumeyer, W. J. and B. L. Wade, 1935
- Lactuca sativa var. capitata
 - Ainsworth, G. C., 1940
- Lathyrus odoratus
 - Doolittle, S.P. and F.R. Jones, 1925
- Lespedeza striata
 - Conover, Robert A., 1948
- Lupinus albus
 - Zaumeyer, W. J. and H. H. Fisher, 1953
 - Zaumeyer, W. J. and B. L. Wade, 1935
- Lupinus angustifolius
 - Conover, Robert A., 1948
- Lupinus luteus
 - Conover, Robert A., 1948
- Lycopersicon esculentum
 - Ainsworth, G. C., 1940
 - Conover, Robert A., 1948
 - Hagedorn, D.J. and J.C. Walker, 1950, 1954
 - Thomas, H. Rex and W. J. Zaumeyer, 1953
- Medicago hispida
 - Grogan, Raymond G. and J.C. Walker, 1948
- Medicago sativa
 - Afanasiev, M. M. and H. E. Morris, 1952
 - Conover, Robert A., 1948
 - Elliott, J. A., 1921
 - Hagedorn, D.J. and J.C. Walker, 1950, 1954
 - Houston, Byron R. and John W. Oswald, 1953
 - Pierce, W. H., 1935
 - Thomas, H. Rex and W. J. Zaumeyer, 1953
 - Zaumeyer, W. J., 1952
 - Zaumeyer, W. J. and H. H. Fisher, 1953
 - Zaumeyer, W. J. and B. L. Wade, 1935
- Melilotus alba
 - Baggett, James R., 1957
 - Grogan, Raymond G. and J.C. Walker, 1948
 - Zaumeyer, W. J. and B. L. Wade, 1935
- Melilotus officinalis
 - Grogan, Raymond G. and J.C. Walker, 1948
- Mucuna deeringianum
 - Zaumeyer, W. J. and B. L. Wade, 1935
- Nicotiana glauca
 - Zaumeyer, W. J., 1940
- Nicotiana glutinosa
 - Thomas, H. Rex and W. J. Zaumeyer, 1953
 - Zaumeyer, W. J., 1940
 - Zaumeyer, W. J. and H. H. Fisher, 1953
- Nicotiana rustica
 - Grogan, Raymond G. and J.C. Walker, 1948
 - Hagedorn, D.J. and J.C. Walker, 1950, 1954
- Nicotiana tabacum
 - Conover, Robert A., 1948
 - Grogan, Raymond G. and J.C. Walker, 1948

VIRUS

V. BEAN YELLOW MOSAIC (cont.)

- Nicotiana tabacum
 - Hagedorn, D.J. and J.C. Walker, 1950, 1954
 - Pierce, W. H., 1935
 - Zaumeyer, W. J., 1940
- Petunia hybrida
 - Pierce, W. H., 1935
 - Zaumeyer, W. J., 1940
- Phaseolus acutifolius var. latifolius
 - Zaumeyer, W. J. and B. L. Wade, 1935
- Phaseolus angularis
 - Zaumeyer, W. J. and H. H. Fisher, 1953
 - Zaumeyer, W. J. and B. L. Wade, 1935
- Phaseolus aureus
 - Conover, Robert A., 1948
 - Zaumeyer, W. J., 1940
- Phaseolus calcaratus
 - Pierce, W. H., 1934
 - Zaumeyer, W. J. and H. H. Fisher, 1953
 - Zaumeyer, W. J. and B. L. Wade, 1935
- Phaseolus coccineus
 - Baggett, James R., 1956
 - Conover, Robert A., 1948
 - Thomas, H. Rex and W. J. Zaumeyer, 1953
 - Zaumeyer, W. J. and H. H. Fisher, 1953
- Phaseolus limensis
 - Pierce, W. H., 1934
- Phaseolus lunatus
 - Conover, Robert A., 1948
 - Grogan, Raymond G. and J.C. Walker, 1948
 - Thomas, H. Rex and W. J. Zaumeyer, 1953
 - Zaumeyer, W. J., 1940
 - Zaumeyer, W. J. and B. L. Wade, 1935
- Phaseolus lunatus f. macrocarpus
 - Pierce, W. H., 1934
 - Zaumeyer, W. J. and B. L. Wade, 1935
- Phaseolus mungo
 - Conover, Robert A., 1948
 - Zaumeyer, W. J. and H. H. Fisher, 1953
 - Zaumeyer, W. J. and B. L. Wade, 1935
- Pisum sativum
 - Afanasiev, M. M. and H. E. Morris, 1952
 - Doolittle, S.P. and F.R. Jones, 1925
 - Zaumeyer, W. J., 1952
 - Zaumeyer, W. J. and H. H. Fisher, 1953
- Spinacia oleracea
 - Thomas, H. Rex and W. J. Zaumeyer, 1953
- Trifolium hybridum
 - Afanasiev, M. M. and H. E. Morris, 1952
- Trifolium incarnatum
 - Zaumeyer, W. J., 1952
 - Zaumeyer, W. J. and H. H. Fisher, 1953
- Trifolium pratense
 - Afanasiev, M. M. and H. E. Morris, 1952
 - Ainsworth, G. C., 1940
 - Baggett, James R., 1957
 - Elliott, J. A., 1921
 - Grogan, Raymond G. and J.C. Walker, 1948
 - Thomas, H. Rex and W. J. Zaumeyer, 1953
 - Zaumeyer, W. J., 1940, 1952
 - Zaumeyer, W. J. and H. H. Fisher, 1953
- Trifolium repens
 - Afanasiev, M. M. and H. E. Morris, 1952
 - Baggett, James R., 1957
 - Elliott, J. A., 1921
 - Grogan, Raymond G. and J.C. Walker, 1948
 - Hagedorn, D.J. and J.C. Walker, 1950, 1954
 - Pierce, W. H., 1935
 - Zaumeyer, W. J., 1940, 1952
 - Zaumeyer, W. J. and H. H. Fisher, 1953
- Vicia americana
 - Zaumeyer, W. J. and B. L. Wade, 1935
- Vicia atropurpurea
 - Grogan, Raymond G. and J.C. Walker, 1948
- Vicia faba
 - Grogan, Raymond G. and J.C. Walker, 1948
- Vicia sativa
 - Grogan, Raymond G. and J.C. Walker, 1948
 - Zaumeyer, W. J. and H. H. Fisher, 1948
 - Zaumeyer, W. J., 1940
- Vicia villosa
 - Baggett, James R., 1957

VIRUS

V. BEAN YELLOW MOSAIC (cont.)

- Vigna sesquipedalis*

 - Conover, Robert A., 1948
 - Zaumeyer, W.J. and B.L. Wade, 1935

- Vigna sinensis*

 - Conover, Robert A., 1948
 - Hagedorn, D.J. and J.C. Walker, 1950, 1954
 - Zaumeyer, W.J., 1952
 - Zaumeyer, W.J. and B.L. Wade, 1935

- Zinnia elegans*

 - Thomas, H. Rex and W.J. Zaumeyer, 1953

V. BEAN YELLOW STIPPLE Zaumeyer and Thomas 1950

- Apium graveolens*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Beta vulgaris*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Brassica oleracea*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Canavalia ensiformis*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Cucumis sativus*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Datura stramonium*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Lycopersicon esculentum*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Medicago sativa*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Melilotus alba*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Nicotiana tabacum*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Petunia hybrida*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Phaseolus aconitifolius*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Phaseolus angularis*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Phaseolus aureus*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Phaseolus coccineus*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Phaseolus lathyroides*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Phaseolus lunatus*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Phaseolus lunatus f. macrocarpus*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Sesbania exaltata*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Trifolium incarnatum*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Trifolium pratense*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Trifolium repens*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Tropaeolum majus*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Vicia faba*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

- Vigna vexillata*

 - Zaumeyer, W.J. and H. Rex Thomas, 1950

V. BEET CURLY TOP ((Ball 1909; Boucquet and Hartung 1915)) Carsner 1919; Severin 1919

- Amaranthus caudatus*

 - Bennett, C.W. and A.S. Costa, 1949

- Amaranthus retroflexus*

 - Bennett, C.W. and A.S. Costa, 1949

- Amaranthus spp.*

 - Bennett, C.W., Eubanks Carsner, F.H. Coons and E.W. Brandes, 1946

- Apium graveolens* var. *dulce*

 - Carsner, E., 1919

- Arachis hypogaea*

 - Bennett, C.W., Eubanks Carsner, F.H. Coons and E.W. Brandes, 1946

- Artemesia californica*

 - Severin, Henry H.P., 1939

- Asclepias mexicana*

 - Carsner, E., 1919

VIRUS

V. BEET CURLY TOP (cont.)

- Atriplex polycarpa*

 - Carsner, E., 1919
 - Severin, Henry H.P. and Charles F. Henderson, 1928

- Atriplex semibaccata*

 - Bennett, C.W. and A.S. Costa, 1949

- Atriplex spinifera*

 - Severin, Henry H.P. and Charles F. Henderson, 1928

- Beta macrocarpa*

 - Costa, A.S., 1952

- Beta patellaris*

 - Bennett, C.W. and A.S. Costa, 1949
 - Costa, A.S., 1952

- Beta patula*

 - Costa, A.S., 1952

- Beta vulgaris*

 - Costa, A.S., 1952

- Beta vulgaris* var. *cicla*

 - Costa, A.S., 1952

- Brassica adpressa*

 - Giddings, N.J., 1944

- Brassica oleracea*

 - Carsner, E., 1919

- Brassica pekinensis*

 - Costa, A.S., 1952
 - Severin, Henry H.P., 1929

- Callistephus chinensis*

 - Bennett, C.W. and A.S. Costa, 1949
 - Costa, A.S., 1952
 - Severin, Henry H.P., 1929

- Capsicum frutescens* (*Capsicum annuum*)

 - Bennett, C.W., Eubanks Carsner, F.H. Coons and E.W. Brandes, 1946
 - Costa, A.S., 1952

- Capsicum frutescens* var. *grossum*

 - Costa, A.S., 1952

- Capsicum spp.*

 - Carsner, E., 1919

- Ceanothus cuneatus*

 - Severin, Henry H.P., 1939

- Chenopodium album*

 - Bennett, C.W. and A.S. Costa, 1949

- Chenopodium leptophyllum*

 - Carsner, E., 1919

- Chenopodium murale*

 - Carsner, E., 1919

- Chrysopsis villosa*

 - Severin, Henry H.P., 1939

- Coffea arabica*

 - Bennett, C.W. and A.S. Costa, 1949

- Cucumis melo*

 - Carsner, E., 1919

- Cucumis sativus*

 - Carsner, E., 1919

- Cuscuta californica*

 - Bennett, C.W., 1944, 1951, 1955
 - Lackey, C.F., 1941
 - Lackey, C.F. and C.W. Bennett, 1949

- Cuscuta campestris*

 - Bennett, C.W., 1944
 - Johnson, Folke, 1941

- Cuscuta subinclusa*

 - Bennett, C.W., 1940, 1944
 - Fulton, Robert W., 1955
 - Giddings, N.J., 1947
 - Lackey, C.F. and C.W. Bennett, 1949

- Datura meteloides*

 - Bennett, C.W., Eubanks Carsner, F.H. Coons and E.W. Brandes, 1946
 - Giddings, N.J., C.W. Bennett and A.L. Harrison, 1951

- Datura spp.*

 - Bennett, C.W. and A.S. Costa, 1949

- Datura stramonium*

 - Bennett, C.W., Eubanks Carsner, F.H. Coons and E.W. Brandes, 1946

- Delphinium hybrid*

 - Severin, Henry H.P., 1942

- Eremocarpus setigerus*

 - Carsner, E., 1919

VIRUS

V. BEET CURLY TOP (cont.)

- Erigeron bonariensis*
Bennett, C. W. and A. S. Costa, 1949
- Eschscholtzia californica*
Carsner, E., 1919
- Euphorbia prunifolia*
Costa, A. S., 1952
- Fagopyron esculentum*
Costa, A. S., 1952
- Feijoa sellowiana*
Giddings, N. J., 1944
- Frankenia grandifolia*
Severin, Henry H. P., 1939
- Galinsoga parviflora*
Costa, A. S., 1952
- Gossypium hirsutum*
Bennett, C. W. and A. S. Costa, 1949
Costa, A. S., 1952
Giddings, N. J., 1944
Severin, Henry H. P., 1929
- Gossypium spp.*
Carsner, E., 1919
- Grindelia camporum*
Severin, Henry H. P., 1939
- Gutierrezia californica*
Severin, Henry H. P., 1939
- Haplopappus venetus subsp. verononicoides **
Severin, Henry H. P., 1939
- Hemizonia virginata*
Severin, Henry H. P., 1939
- Hibiscus esculentus*
Giddings, N. J., 1944
- Hordeum vulgare*
Carsner, E., 1919
- Isomeria arborea*
Severin, Henry H. P., 1939
- Lactuca sativa*
Bennett, C. W. and A. S. Costa, 1949
Carsner, E., 1919
Severin, Henry H. P., 1929
- Lavatera assurgentiflora*
Carsner, E., 1919
- Lepidium nitidum*
Giddings, N. J., 1938
- Lepidospartum squamatum*
Severin, Henry H. P., 1939
- Lessingia glandulifera*
Severin, Henry H. P., 1939
- Lupinus affinis*
Carsner, E., 1919
- Lycopersicon chilense*
Virgin, Walter J., 1940
- Lycopersicon esculentum*
Bennett, C. W., Eubanks Carsner, F. H. Coons and
E. W. Brandes, 1946
Giddings, N. J., 1938
- Lycopersicon peruvianum*
Giddings, N. J., C. W. Bennett and A. L. Harrison,
1951
- Lycopersicon pimpinellifolium*
Giddings, N. J., C. W. Bennett and A. L. Harrison,
1951
- Malcomia africana*
Giddings, N. J., 1944
- Malus spp.*
Giddings, N. J., 1944
- Marrubium vulgare*
Carsner, E., 1919
Severin, Henry H. P., 1939
- Medicago sativa*
Giddings, N. J., 1944
- Nicandra physalodes*
Costa, A. S., 1952
- Nicotiana acuminata*
Giddings, N. J., C. W. Bennett and A. L. Harrison,
1951
- Nicotiana glauca*
Bennett, C. W. and A. S. Costa, 1949
Costa, A. S., 1952
Giddings, N. J., C. W. Bennett and A. L. Harrison,
1951
- Nicotiana glutinosa*
Bennett, C. W., Eubanks Carsner, F. H. Coons and
E. W. Brandes, 1946
- VIRUS**
- V. BEET CURLY TOP (cont.)**
- Nicotiana glutinosa*
Costa, A. S., 1952
- Nicotiana tabacum*
Bennett, C. W., Eubanks Carsner, F. H. Coons and
E. W. Brandes, 1946
Costa, A. S., 1952
Giddings, N. J., 1938, 1944
Giddings, N. J., C. W. Bennett and A. L. Harrison,
1951
- Oxalis spp.*
Bennett, C. W. and A. S. Costa, 1949
- Parthenium argentatum*
Severin, Henry H. P., 1945
- Petunia hybrida*
Bennett, C. W. and A. S. Costa, 1949
Costa, A. S., 1952
- Phaseolus vulgaris*
Bennett, C. W., Eubanks Carsner, F. H. Coons and
E. W. Brandes, 1946
Bennett, C. W. and A. S. Costa, 1949
Carsner, E., 1919
Giddings, N. J., 1938
Murphy, Donald M. and W. H. Pierce, 1938
- Physalis spp.*
Costa, A. S., 1952
- Phytolacca americana*
Bennett, C. W. and A. S. Costa, 1949
Giddings, N. J., C. W. Bennett and A. L. Harrison,
1951
- Plantago erecta*
Giddings, N. J., 1938
- Pluchea sericea*
Severin, Henry H. P., 1939
- Portulaca oleracea*
Bennett, C. W. and A. S. Costa, 1949
Carsner, E., 1919
- Punica granatum*
Giddings, N. J., 1944
- Raphanus sativus*
Carsner, E., 1919
- Ricinus communis*
Giddings, N. J., C. W. Bennett and A. L. Harrison,
1951
- Rosa chinensis*
Giddings, N. J., 1944
- Rumex crispus*
Carsner, E., 1919
- Samolus floribundus*
Costa, A. S., 1952
- Senecio douglasii*
Severin, Henry H. P., 1939
- Sida hederacea*
Severin, Henry H. P., 1939
- Sida rhombifolia*
Bennett, C. W. and A. S. Costa, 1949
- Solanum melongena*
Costa, A. S., 1952
- Solanum nigrum*
Bennett, C. W. and A. S. Costa, 1949
Carsner, E., 1919
Costa, A. S., 1952
- Solanum tuberosum*
Bennett, C. W. and A. S. Costa, 1949
- Spinacia oleracea*
Costa, A. S., 1952
- Stellaria media*
Costa, A. S., 1952
- Trifolium pratense*
Giddings, N. J., 1944
- Trifolium repens*
Giddings, N. J., 1944
- Tropaeolum majus*
Carsner, E., 1919
- Verbena prostrata*
Carsner, E., 1919
- Vinca rosea*
Bennett, C. W. and A. S. Costa, 1949
- Zinnia elegans*
Costa, A. S., 1952

V. BEET MOSAIC Robbins 1921; Hoggan 1933

- Apium graveolens var. dulce*
Severin, Henry H. P. and Roger M. Drake, 1948

VIRUS

V. BEET MOSAIC (cont.)

- Atropa belladonna*
Pound, Glenn S., 1947
- Brassica campestris*
Severin, Henry H. P. and Roger M. Drake, 1947
- Brassica juncea* (*Brassica japonica*)
Pound, Glenn S., 1947
- Brassica nigra*
Bennett, C. W., 1949
- Brassica oleracea* var. *botrytis*
Severin, Henry H. P. and Roger M. Drake, 1948
- Brassica oleracea* var. *capitata*
Pound, Glenn S., 1947
- Brassica oleracea* var. *gemmifera*
Pound, Glenn S., 1947
- Brassica oleracea* var. *gongylodes*
Pound, Glenn S., 1947
- Brassica pekinensis*
Pound, Glenn S., 1947
- Calendula officinalis*
Pound, Glenn S., 1947
- Campanula medium*
Pound, Glenn S., 1947
- Capsicum frutescens* var. *cerasiforme*
Pound, Glenn S., 1947
- Capsicum frutescens* var. *grossum*
Severin, Henry H. P. and Roger M. Drake, 1948
- Centaurea nigra*
Pound, Glenn S., 1947
- Centaurea repens*
Pound, Glenn S., 1947
- Cheiranthus cheiri*
Pound, Glenn S., 1947
- Chrysanthemum morifolium*
Pound, Glenn S., 1947
- Cirsium arvense*
Pound, Glenn S., 1947
- Cucumis sativus*
Bennett, C. W., 1949
- Cuscuta californica*
Bennett, C. W., 1944
- Cuscuta campestris*
Bennett, C. W., 1944
- Cuscuta subinclusa*
Bennett, C. W., 1940, 1944
- Dahlia pinnata*
Pound, Glenn S., 1947
- Datura metel*
Pound, Glenn S., 1947
- Datura meteloides*
Bennett, C. W., 1949
- Datura stramonium*
Bennett, C. W., 1949
- Severin, Henry H. P. and Roger M. Drake, 1947
- Daucus carota*
Pound, Glenn S., 1947
- Delphinium ajacis*
Pound, Glenn S., 1947
- Dianthus barbatus*
Pound, Glenn S., 1947
- Digitalis purpurea*
Pound, Glenn S., 1947
- Hesperis matronalis*
Pound, Glenn S., 1947
- Lactuca sativa*
Bennett, C. W., 1949
- Pound, Glenn S., 1947
- Lathyrus odoratus*
Pound, Glenn S., 1947
- Lepidium virginicum*
Pound, Glenn S., 1947
- Lobularia maritima*
Pound, Glenn S., 1947
- Lupinus pubescens*
Pound, Glenn S., 1947
- Lycopersicon esculentum*
Bennett, C. W., 1949
- Pound, Glenn S., 1947

VIRUS

V. BEET MOSAIC (cont.)

- Lycopersicon esculentum*
Severin, Henry H. P. and Roger M. Drake, 1948
- Malva rotundifolia*
Severin, Henry H. P. and Roger M. Drake, 1947
- Matthiola incana* var. *annua*
Pound, Glenn S., 1947
- Severin, Henry H. P. and Roger M. Drake, 1948
- Medicago sativa*
Bennett, C. W., 1949
- Melilotus alba*
Bennett, C. W., 1949
- Neslia paniculata*
Pound, Glenn S., 1947
- Nicandra physalodes*
Pound, Glenn S., 1947
- Nicotiana acuminata*
Bennett, C. W., 1949
- Nicotiana glauca*
Bennett, C. W., 1949
- Nicotiana glutinosa*
Bennett, C. W., 1949
- Severin, Henry H. P. and Roger M. Drake, 1948
- Nicotiana langsdorffii*
Bennett, C. W., 1949
- Nicotiana longiflora*
Bennett, C. W., 1949
- Nicotiana palmeri*
Bennett, C. W., 1949
- Nicotiana paniculata*
Bennett, C. W., 1949
- Nicotiana rustica*
Bennett, C. W., 1949
- Pound, Glenn S., 1947
- Nicotiana sylvestris*
Bennett, C. W., 1949
- Parthenium argentatum*
Severin, Henry H. P., 1945
- Petunia hybrida*
Bennett, C. W., 1949
- Phaseolus coccineus*
Pound, Glenn S., 1947
- Phaseolus vulgaris*
Bennett, C. W., 1949
- Pound, Glenn S., 1947
- Severin, Henry H. P. and Roger M. Drake, 1948
- Phlox drummondii*
Pound, Glenn S., 1947
- Physalis pubescens*
Pound, Glenn S., 1947
- Phytolacca americana*
Bennett, C. W., 1949
- Pound, Glenn S., 1947
- Plantago lanceolata*
Bennett, C. W., 1949
- Plantago major*
Severin, Henry H. P. and Roger M. Drake, 1947
- Polygonum hydropiper*
Pound, Glenn S., 1947
- Polygonum scandens*
Pound, Glenn S., 1947
- Raphanus sativus*
Pound, Glenn S., 1947
- Reseda odorata*
Pound, Glenn S., 1947
- Rumex acetosella*
Bennett, C. W., 1949
- Severin, Henry H. P. and Roger M. Drake, 1947
- Rumex crispus*
Severin, Henry H. P. and Roger M. Drake, 1947
- Rumex occidentalis*
Pound, Glenn S., 1947
- Rumex pulcher*
Severin, Henry H. P. and Roger M. Drake, 1947
- Salvia splendens*
Pound, Glenn S., 1947
- Scabiosa atropurpurea*
Pound, Glenn S., 1947

VIRUS

V. BEET MOSAIC (cont.)

- Sisymbrium irio*
Bennett, C.W., 1949
- Solanum integrifolium*
Pound, Glenn S., 1947
- Solanum melongena*
Pound, Glenn S., 1947
- Solanum nigrum*
Severin, Henry H.P. and Roger M. Drake, 1947
- Solanum tuberosum*
Pound, Glenn S., 1947
- Sonchus asper*
Bennett, C.W., 1949
- Severin, Henry H.P. and Roger M. Drake, 1947*
- Sonchus oleraceus*
Severin, Henry H.P. and Roger M. Drake, 1947
- Tagetes patula*
Pound, Glenn S., 1947
- Thlaspi arvense*
Pound, Glenn S., 1947
- Trifolium pratense*
Bennett, C.W., 1949
- Trifolium repens*
Bennett, C.W., 1949
- Vicia faba*
Severin, Henry H.P. and Roger M. Drake, 1948
- Vigna sinensis*
Pound, Glenn S., 1947
- Zinnia elegans*
Bennett, C.W., 1949

V. BEET RING SPOT *

- Agropyron repens*
Harrison, B.D., 1957
- Equisetum arvense*
Harrison, B.D., 1957
- Pteris aquilina*
Harrison, B.D., 1957

V. BEET ROSETTE *

- Chenopodium album*
Bennett, C.W. and James E. Duffus, 1957
- Chenopodium amaranthicolor*
Bennett, C.W. and James E. Duffus, 1957
- Chenopodium capitatum*
Bennett, C.W. and James E. Duffus, 1957
- Cuscuta californica*
Bennett, C.W. and James E. Duffus, 1957
- Cuscuta campestris*
Bennett, C.W. and James E. Duffus, 1957
- Cuscuta subinclusa*
Bennett, C.W. and James E. Duffus, 1957
- Nicotiana tabacum*
Bennett, C.W. and James E. Duffus, 1957
- Spinacia oleracea*
Bennett, C.W. and James E. Duffus, 1957

V. BEET YELLOW NET Sylvester 1948

- Atriplex patula*
Sylvester, Edward S., 1948
- Atriplex rosea*
Sylvester, Edward S., 1948
- Brassica campestris*
Sylvester, Edward S., 1948
- Brassica chinensis*
Sylvester, Edward S., 1948
- Calendula officinalis*
Sylvester, Edward S., 1948
- Callistephus chinensis*
Sylvester, Edward S., 1948
- Capsella bursa-pastoris*
Sylvester, Edward S., 1948
- Chenopodium murale*
Sylvester, Edward S., 1948
- Cucumis sativus*
Sylvester, Edward S., 1948
- Dahlia pinnata*
McLean, D.M., 1952
- Datura stramonium*
Sylvester, Edward S., 1948
- Erodium moschatum*
Sylvester, Edward S., 1948

VIRUS

V. BEET YELLOW NET (cont.)

- Fragaria vesca*
McLean, D.M., 1952
- Gladiolus spp.*
McLean, D.M., 1952
- Ipomoea purpurea*
Sylvester, Edward S., 1948
- Lactuca sativa var. romana*
Sylvester, Edward S., 1948
- Lycopersicon esculentum*
Sylvester, Edward S., 1948
- Nicotiana tabacum*
Sylvester, Edward S., 1948
- Plantago major*
Sylvester, Edward S., 1948
- Polygonum coccineum*
Sylvester, Edward S., 1948
- Polygonum persicaria*
Sylvester, Edward S., 1948
- Rumex crispus*
Sylvester, Edward S., 1948
- Sonchus arvensis*
Sylvester, Edward S., 1948
- Spinacia oleracea*
McLean, D.M., 1952
Sylvester, Edward S., 1948
- Stellaria media*
McLean, D.M., 1952
- Verbesina encelioides*
McLean, D.M., 1952
- Zinnia elegans*
McLean, D.M., 1952

V. BEET YELLOW VEIN DISEASE *

- Cuscuta californica*
Bennett, C.W., 1944, 1956
- Cuscuta campestris*
Bennett, C.W., 1944, 1956
- Cuscuta subinclusa*
Bennett, C.W., 1944, 1956

V. BEET YELLOW WILT Bennett and Munck 1946

- Cucumis sativus*
Bennett, C.W. and Carlos Munck, 1946
- Cuscuta campestris*
Bennett, C.W. and Carlos Munck, 1946
- Cuscuta subinclusa*
Bennett, C.W. and Carlos Munck, 1946
- Nicotiana tabacum*
Bennett, C.W. and Carlos Munck, 1946
- Petunia hybrida*
Bennett, C.W. and Carlos Munck, 1946
- Phaseolus vulgaris*
Bennett, C.W. and Carlos Munck, 1946

V. BEET YELLOWS Watson 1942; Petherbridge and Achillea millefolium Stirrup 1935

- Roland, G. and J. Tahon, 1961*
- Aegopodium podagraria*
Roland, G. and J. Tahon, 1961
- Agropyron repens*
Roland, G. and J. Tahon, 1961
- Allium cepa*
Roland, G. and J. Tahon, 1961
- Ambrosia psilostachya*
Roland, G. and J. Tahon, 1961
- Ambrosia trifida*
Roland, G. and J. Tahon, 1961
- Ammannia coccinea*
Roland, G. and J. Tahon, 1961
- Anagallis arvensis*
Roland, G. and J. Tahon, 1961
- Anemopsis californica*
Roland, G. and J. Tahon, 1961
- Apium graveolens*
Roland, G. and J. Tahon, 1961
- Arachis hypogaea*
Roland, G. and J. Tahon, 1961
- Arctium tomentosum*
Roland, G. and J. Tahon, 1961
- Artemisia vulgaris*
Roland, G. and J. Tahon, 1961

VIRUS

V. BEET YELLOWS (cont.)

- Atriplex lentiformis*
 Roland, G. and J. Tahon, 1961
- Atriplex polycarpa*
 Roland, G. and J. Tahon, 1961
- Avena sativa*
 Roland, G. and J. Tahon, 1961
- Borago officinalis*
 Roland, G. and J. Tahon, 1961
- Brassica campestris*
 Roland, G. and J. Tahon, 1961
- Brassica kabera (Brassica arvensis)*
 Roland, G. and J. Tahon, 1961
- Brassica napus*
 Roland, G. and J. Tahon, 1961
- Brassica nigra*
 Roland, G. and J. Tahon, 1961
- Brassica oleracea*
 Roland, G. and J. Tahon, 1961
- Brassica rapa*
 Roland, G. and J. Tahon, 1961
- Calendula officinalis*
 Roland, G. and J. Tahon, 1961
- Capsicum frutescens (Capsicum annuum)*
 Roland, G. and J. Tahon, 1961
- Carthamus tinctorius*
 Roland, G. and J. Tahon, 1961
- Centaurea cyanus*
 Roland, G. and J. Tahon, 1961
- Cerastium caespitosum*
 Roland, G. and J. Tahon, 1961
- Chaerefolium silvestre*
 Roland, G. and J. Tahon, 1961
- Cheiranthus cheiri*
 Roland, G. and J. Tahon, 1961
- Chorisia spp.*
 Roland, G. and J. Tahon, 1961
- Cichorium intybus*
 Roland, G. and J. Tahon, 1961
- Cirsium arvense*
 Roland, G. and J. Tahon, 1961
- Cirsium vulgare*
 Roland, G. and J. Tahon, 1961
- Citrullus vulgaris*
 Roland, G. and J. Tahon, 1961
- Citrus sinensis*
 Roland, G. and J. Tahon, 1961
- Cochlearia armoracia*
 Roland, G. and J. Tahon, 1961
- Conium maculatum*
 Roland, G. and J. Tahon, 1961
- Convolvulus arvensis*
 Roland, G. and J. Tahon, 1961
- Cucumis sativus*
 Roland, G. and J. Tahon, 1961
- Cuscuta americana*
 Roland, G. and J. Tahon, 1961
- Cuscuta epithymum*
 Roland, G. and J. Tahon, 1961
- Cyamopsis tetragonoloba*
 Roland, G. and J. Tahon, 1961
- Cyclamen persicum (Cyclamen indicum)*
 Roland, G. and J. Tahon, 1961
- Dahlia spp.*
 Roland, G. and J. Tahon, 1961
- Datura meteloides*
 Roland, G. and J. Tahon, 1961
- Datura stramonium*
 Roland, G. and J. Tahon, 1961
- Datura stramonium var. tatula*
 Roland, G. and J. Tahon, 1961
- Daucus carota*
 Roland, G. and J. Tahon, 1961
- Dianthus barbatus*
 Roland, G. and J. Tahon, 1961
- Dianthus caryophyllus*
 Roland, G. and J. Tahon, 1961
- Dianthus chinensis*
 Roland, G. and J. Tahon, 1961
- Dithyrea wislizenii*
 Roland, G. and J. Tahon, 1961
- Eclipta alba*
 Roland, G. and J. Tahon, 1961

VIRUS

- V. BEET YELLOWS (cont.)
- Epilobium angustifolium*
 Roland, G. and J. Tahon, 1961
- Epilobium paniculatum*
 Roland, G. and J. Tahon, 1961
- Equisetum arvense*
 Roland, G. and J. Tahon, 1961
- Eremocarpus setigerus*
 Roland, G. and J. Tahon, 1961
- Erigeron canadensis*
 Roland, G. and J. Tahon, 1961
- Eriogonum fasciculatum*
 Roland, G. and J. Tahon, 1961
- Erodium cicutarium*
 Roland, G. and J. Tahon, 1961
- Eschscholtzia californica*
 Roland, G. and J. Tahon, 1961
- Euphorbia helioscopia*
 Roland, G. and J. Tahon, 1961
- Euphorbia maculata*
 Roland, G. and J. Tahon, 1961
- Euphorbia peplus*
 Roland, G. and J. Tahon, 1961
- Euphorbia serphyllifolia*
 Roland, G. and J. Tahon, 1961
- Galeopsis speciosa*
 Roland, G. and J. Tahon, 1961
- Galeopsis tetrahit*
 Roland, G. and J. Tahon, 1961
- Galinsoga parviflora*
 Roland, G. and J. Tahon, 1961
- Geranium dissectum*
 Roland, G. and J. Tahon, 1961
- Geranium maculatum*
 Roland, G. and J. Tahon, 1961
- Gnaphalium beneolens*
 Roland, G. and J. Tahon, 1961
- Gossypium hirsutum*
 Roland, G. and J. Tahon, 1961
- Helianthus annuus*
 Roland, G. and J. Tahon, 1961
- Helianthus tuberosus*
 Roland, G. and J. Tahon, 1961
- Helichrysum bractatum **
 Roland, G. and J. Tahon, 1961
- Heliotropium curassavicum*
 Roland, G. and J. Tahon, 1961
- Hibiscus esculentus*
 Roland, G. and J. Tahon, 1961
- Hibiscus rosa-sinensis*
 Roland, G. and J. Tahon, 1961
- Hordeum vulgare*
 Roland, G. and J. Tahon, 1961
- Hyoscyamus niger*
 Roland, G. and J. Tahon, 1961
- Hypochoeris radicata*
 Roland, G. and J. Tahon, 1961
- Impatiens spp.*
 Roland, G. and J. Tahon, 1961
- Ipomoea purpurea*
 Roland, G. and J. Tahon, 1961
- Lactuca sativa*
 Roland, G. and J. Tahon, 1961
- Lactuca serriola*
 Roland, G. and J. Tahon, 1961
- Lamium album*
 Roland, G. and J. Tahon, 1961
- Lamium purpureum*
 Roland, G. and J. Tahon, 1961
- Lathyrus odoratus*
 Roland, G. and J. Tahon, 1961
- Lepidium lasiocarpum*
 Roland, G. and J. Tahon, 1961
- Linaria vulgaris*
 Roland, G. and J. Tahon, 1961
- Linum lewisii*
 Roland, G. and J. Tahon, 1961
- Linum usitatissimum*
 Roland, G. and J. Tahon, 1961
- Lupinus albus*
 Roland, G. and J. Tahon, 1961
- Lycopersicon esculentum*
 Roland, G. and J. Tahon, 1961

VIRUS

V. BEET YELLOWS (cont.)

- Malva parviflora*
Roland, G. and J. Tahon, 1961
- Malva rotundifolia*
Roland, G. and J. Tahon, 1961
- Malva sylvestris*
Roland, G. and J. Tahon, 1961
- Marrubium vulgare*
Roland, G. and J. Tahon, 1961
- Matricaria chamomilla*
Roland, G. and J. Tahon, 1961
- Matricaria discoidea*
Roland, G. and J. Tahon, 1961
- Matricaria inodora*
Roland, G. and J. Tahon, 1961
- Matthiola incana*
Roland, G. and J. Tahon, 1961
- Medicago lupulina*
Roland, G. and J. Tahon, 1961
- Medicago sativa*
Roland, G. and J. Tahon, 1961
- Melandryum album*
Roland, G. and J. Tahon, 1961
- Melandryum rubrum*
Roland, G. and J. Tahon, 1961
- Melilotus alba*
Roland, G. and J. Tahon, 1961
- Melilotus dentata*
Roland, G. and J. Tahon, 1961
- Mentzelia pumila*
Roland, G. and J. Tahon, 1961
- Mesembryanthemum aequilaterale*
Roland, G. and J. Tahon, 1961
- Mimulus spp.*
Roland, G. and J. Tahon, 1961
- Mirabilis jalapa*
Roland, G. and J. Tahon, 1961
- Myosotis arvensis*
Roland, G. and J. Tahon, 1961
- Nemesia spp.*
Roland, G. and J. Tahon, 1961
- Nicandra physalodes*
Roland, G. and J. Tahon, 1961
- Nicotiana glauca*
Roland, G. and J. Tahon, 1961
- Nicotiana glutinosa*
Bennett, C. W. and Carlos Munck, 1946
Roland, G. and J. Tahon, 1961
- Nicotiana paniculata*
Roland, G. and J. Tahon, 1961
- Nicotiana plumbaginifolia*
Roland, G. and J. Tahon, 1961
- Nicotiana rustica*
Roland, G. and J. Tahon, 1961
- Nicotiana stocktonii*
Roland, G. and J. Tahon, 1961
- Nicotiana sylvestris*
Roland, G. and J. Tahon, 1961
- Nicotiana tabacum*
Roland, G. and J. Tahon, 1961
- Oxalis corniculata*
Roland, G. and J. Tahon, 1961
- Papaver somniferum*
Roland, G. and J. Tahon, 1961
- Parthenium argentatum*
Roland, G. and J. Tahon, 1961
- Petroselinum crispum*
Roland, G. and J. Tahon, 1961
- Petunia hybrida*
Roland, G. and J. Tahon, 1961
- Phacelia campanularia*
Roland, G. and J. Tahon, 1961
- Phaseolus lunatus*
Roland, G. and J. Tahon, 1961
- Phaseolus vulgaris*
Roland, G. and J. Tahon, 1961
- Physalis wrightii*
Roland, G. and J. Tahon, 1961
- Phytolacca decandra*
Roland, G. and J. Tahon, 1961
- Pisum sativum*
Roland, G. and J. Tahon, 1961

VIRUS

V. BEET YELLOWS (cont.)

- Plantago coronopus*
Roland, G. and J. Tahon, 1961
- Poa pratensis*
Roland, G. and J. Tahon, 1961
- Polygonum acre*
Roland, G. and J. Tahon, 1961
- Polygonum argyrocoleon*
Roland, G. and J. Tahon, 1961
- Polygonum heterophyllum*
Roland, G. and J. Tahon, 1961
- Polygonum lapathifolium*
Roland, G. and J. Tahon, 1961
- Polygonum nodosum*
Roland, G. and J. Tahon, 1961
- Portulaca marginata*
Roland, G. and J. Tahon, 1961
- Portulaca oleracea*
Roland, G. and J. Tahon, 1961
- Portulaca retusa*
Roland, G. and J. Tahon, 1961
- Primula kewensis*
Roland, G. and J. Tahon, 1961
- Prunus persica (Amygdalus persica)*
Roland, G. and J. Tahon, 1961
- Pueraria lobata*
Roland, G. and J. Tahon, 1961
- Raphanus sativus*
Roland, G. and J. Tahon, 1961
- Rumex acetosa*
Roland, G. and J. Tahon, 1961
- Rumex acetosella*
Roland, G. and J. Tahon, 1961
- Rumex aquaticus*
Roland, G. and J. Tahon, 1961
- Rumex conglomeratus*
Roland, G. and J. Tahon, 1961
- Rumex crispus*
Roland, G. and J. Tahon, 1961
- Rumex domesticus*
Roland, G. and J. Tahon, 1961
- Rumex obtusifolius*
Roland, G. and J. Tahon, 1961
- Rumex persicarioides*
Roland, G. and J. Tahon, 1961
- Rumex pulcher*
Roland, G. and J. Tahon, 1961
- Saintpaulia spp.*
Roland, G. and J. Tahon, 1961
- Salvia splendens*
Roland, G. and J. Tahon, 1961
- Samolus parviflorus*
Roland, G. and J. Tahon, 1961
- Sanguisorba minor*
Roland, G. and J. Tahon, 1961
- Senecio cruentus*
Roland, G. and J. Tahon, 1961
- Senecio macrophyllus*
Roland, G. and J. Tahon, 1961
- Silene dichotoma*
Roland, G. and J. Tahon, 1961
- Silene nutans*
Roland, G. and J. Tahon, 1961
- Silene verecunda*
Roland, G. and J. Tahon, 1961
- Silene vulgaris*
Roland, G. and J. Tahon, 1961
- Sisymbrium altissimum*
Roland, G. and J. Tahon, 1961
- Sisymbrium irio*
Roland, G. and J. Tahon, 1961
- Sisymbrium officinale*
Roland, G. and J. Tahon, 1961
- Solanum dulcamara*
Roland, G. and J. Tahon, 1961
- Solanum elaeagnifolium*
Roland, G. and J. Tahon, 1961
- Solanum nigrum*
Roland, G. and J. Tahon, 1961
- Solanum tuberosum*
Roland, G. and J. Tahon, 1961
- Solidago virgaurea*
Roland, G. and J. Tahon, 1961

- VIRUS**
- V. BEET YELLOWS (cont.)**
- Sonchus arvensis*
Roland, G. and J. Tahon, 1961
 - Sonchus asper*
Roland, G. and J. Tahon, 1961
 - Sonchus oleraceus*
Roland, G. and J. Tahon, 1961
 - Sorghum halepense*
Roland, G. and J. Tahon, 1961
 - Sorghum vulgare*
Roland, G. and J. Tahon, 1961
 - Stachys arvensis*
Roland, G. and J. Tahon, 1961
 - Tanacetum vulgare*
Roland, G. and J. Tahon, 1961
 - Taraxacum megalorrhizon*
Roland, G. and J. Tahon, 1961
 - Taraxacum officinale*
Roland, G. and J. Tahon, 1961
 - Tigridia spp.*
Roland, G. and J. Tahon, 1961
 - Trifolium terrestris*
Roland, G. and J. Tahon, 1961
 - Trifolium incarnatum*
Roland, G. and J. Tahon, 1961
 - Trifolium pratense*
Roland, G. and J. Tahon, 1961
 - Tropaeolum peregrinum*
Roland, G. and J. Tahon, 1961
 - Tulipa silvestris*
Roland, G. and J. Tahon, 1961
 - Tussilago farfara*
Roland, G. and J. Tahon, 1961
 - Urtica californica*
Roland, G. and J. Tahon, 1961
 - Urtica dioica*
Roland, G. and J. Tahon, 1961
 - Urtica urens*
Roland, G. and J. Tahon, 1961
 - Veronica agrestis*
Roland, G. and J. Tahon, 1961
 - Veronica arvensis*
Roland, G. and J. Tahon, 1961
 - Veronica hederaefolia*
Roland, G. and J. Tahon, 1961
 - Veronica peregrina*
Roland, G. and J. Tahon, 1961
 - Vicia faba*
Roland, G. and J. Tahon, 1961
 - Vicia sativa*
Roland, G. and J. Tahon, 1961
 - Vigna sinensis*
Roland, G. and J. Tahon, 1961
 - Vinca rosea*
Roland, G. and J. Tahon, 1961
 - Viola arvensis*
Roland, G. and J. Tahon, 1961
 - Viola tricolor*
Roland, G. and J. Tahon, 1961
 - Vitis spp.*
Roland, G. and J. Tahon, 1961
 - Zea mays*
Roland, G. and J. Tahon, 1961
 - Zinnia elegans*
Roland, G. and J. Tahon, 1961
 - Zygocactus truncatus*
Roland, G. and J. Tahon, 1961
- V. BLACK RASPBERRY NECROSIS**
- Rosa spp.*
Brierley, Philip and Floyd F. Smith, 1940
- V. BROAD BEAN MOTTLE** Bawden et al. 1951
- Cucumis sativus*
Yu, T.F., 1939
 - Datura stramonium*
Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
 - Dolichos lablab*
Yu, T.F., 1939
 - Glycine max*
Yu, T.F., 1939
- VIRUS**
- V. BROAD BEAN MOTTLE (cont.)**
- Lycopersicon esculentum*
Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
 - Medicago sativa*
Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
 - Nicotiana glutinosa*
Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
 - Nicotiana tabacum*
Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
 - Phaseolus aureus*
Yu, T.F., 1939
 - Phaseolus vulgaris*
Yu, T.F., 1939
 - Vicia sativa*
Bawden, F.C., R.P. Chaudhuri and B. Kassanis, 1951
 - Vigna sinensis*
Yu, T.F., 1939
- V. CABBAGE BLACK RING SPOT** Smith 1935 ((? A strain of *V. Turnip mosaic (q.v.)*))
- Ajuga reptans* var. *rubra*
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - Althaea rosea*
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - Alyssum saxatile*
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - Anchusa officinalis*
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - Anemone coronaria*
Hollings, M., 1957
 - Antirrhinum majus*
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - Apium graveolens*
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - Arabis albida*
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - Avena sativa*
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - Bellis perennis*
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - Beta vulgaris*
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - Beta vulgaris* var. *cicla*
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - Brassica integrifolia* var. *chevalieri* *
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - Callistephus chinensis*
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - Campanula medium*
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - Chrysanthemum maximum*
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - Clarkia elegans*
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - Cucumis sativus*
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938
 - Datura stramonium*
Tompkins, C.M., M.W. Gardner and H. Rex Thomas, 1938

VIRUS

V. CABBAGE BLACK RING SPOT (cont.)

- Delphinium ajacis*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Delphinium cultorum*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Dianthus barbatus*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Gaillardia pulchella* var. *picta*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Gerbera jamesonii* var. *transvaalensis*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Geum chiloense*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Godezia grandiflora*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Gypsophila paniculata*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Heliotropium peruvianum*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Ipomoea purpurea*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Lactuca sativa* var. *capitata*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Limonium latifolium*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Lobelia hybrida*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Lycopersicon esculentum* var. *vulgare*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Lycopersicon pimpinellifolium*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Malva parviflora*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Medicago sativa*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Nicotiana rustica* var. *humuliflora* *
- Nicotiana rustica* var. *humuliflora* *
- Papaver orientale*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Pelargonium hortorum*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Penstemon barbatus*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Pisum sativum*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Raphanus sativus*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Ricinus communis*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Salvia farinacea*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Solanum aviculare*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Solanum melongena* var. *esculentum*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938

VIRUS

V. CABBAGE BLACK RING SPOT (cont.)

- Solanum tuberosum*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Tagetes patula*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Taraxacum officinale*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Tropaeolum majus*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Valeriana officinalis*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Vicia faba*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Viola tricolor*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- Zea mays*
Tompkins, C.M., M.W. Gardner and H. Rex
Thomas, 1938
- V. CABBAGE RING NECROSIS Larson and Walker 1941
- Antirrhinum majus*
Larson, R.H. and J.C. Walker, 1941
- Apium graveolens*
Larson, R.H. and J.C. Walker, 1941
- Callistephus chinensis*
Larson, R.H. and J.C. Walker, 1941
- Chenopodium album*
Larson, R.H. and J.C. Walker, 1941
- Citrullus vulgaris*
Larson, R.H. and J.C. Walker, 1941
- Cucumis melo*
Larson, R.H. and J.C. Walker, 1941
- Datura stramonium*
Larson, R.H. and J.C. Walker, 1941
- Lycopersicon esculentum*
Larson, R.H. and J.C. Walker, 1941
- Lycopersicon pimpinellifolium*
Larson, R.H. and J.C. Walker, 1941
- Nicotiana longiflora*
Larson, R.H. and J.C. Walker, 1941
- Nicotiana nudicaulis*
Larson, R.H. and J.C. Walker, 1941
- Nicotiana sanderae*
Larson, R.H. and J.C. Walker, 1941
- Senecio cruentus*
Larson, R.H. and J.C. Walker, 1941
- Solanum melongena*
Larson, R.H. and J.C. Walker, 1941
- Solanum nigrum*
Larson, R.H. and J.C. Walker, 1941
- Solanum tuberosum*
Larson, R.H. and J.C. Walker, 1941
- Tagetes patula*
Larson, R.H. and J.C. Walker, 1941
- Taraxacum officinale*
Larson, R.H. and J.C. Walker, 1941
- Tropaeolum majus*
Larson, R.H. and J.C. Walker, 1941
- Vicia faba*
Larson, R.H. and J.C. Walker, 1941
- Viola tricolor*
Larson, R.H. and J.C. Walker, 1941
- V. CACAO SWOLLEN SHOOT ((W.F. Stevens) 1937))
- Abutilon asiaticum*
Posnette 1940
- Tinsley, T.W. and A.L. Wharton, 1958*
- Alstonia congensis*
Posnette, A.F., N.F. Robertson and J. McA.
Todd, 1950
- Ananas sativus*
Tinsley, T.W. and A.L. Wharton, 1958
- Apeiba tibourbou* var. *membranacea* *
- Tinsley, T.W. and A.L. Wharton, 1958*
- Arachis hypogaea*
Tinsley, T.W. and A.L. Wharton, 1958

VIRUS

- V. CACAO SWOLLEN SHOOT (cont.)
Artocarpus incisa
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
Baphia nitida
 Tinsley, T.W. and A.L. Wharton, 1958
Berrya ammonilla
 Tinsley, T.W. and A.L. Wharton, 1958
Bixa orellana
 Tinsley, T.W. and A.L. Wharton, 1958
Bombox buonopozense
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
 Tinsley, T.W. and A.L. Wharton, 1958
Buettneria catalpifolia
 Tinsley, T.W. and A.L. Wharton, 1958
Caesalpinia pulcherrima
 Tinsley, T.W. and A.L. Wharton, 1958
Canthium glabratum
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
Capsicum frutescens (*Capsicum annuum*)
 Tinsley, T.W. and A.L. Wharton, 1958
Carica papaya
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
Cassia occidentalis
 Tinsley, T.W. and A.L. Wharton, 1958
Ceiba pentandra
 Tinsley, T.W. and A.L. Wharton, 1958
Christiana africana
 Tinsley, T.W. and A.L. Wharton, 1958
Cistanthera papaverifera
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
Citrus aurantiifolia
 Tinsley, T.W. and A.L. Wharton, 1958
Citrus sinensis
 Tinsley, T.W. and A.L. Wharton, 1958
Clappertonia ficifolia
 Tinsley, T.W. and A.L. Wharton, 1958
Cochlospermum vitifolia
 Tinsley, T.W. and A.L. Wharton, 1958
Cola caricaefolia *
 Tinsley, T.W. and A.L. Wharton, 1958
Cola chlamydantha
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
 Tinsley, T.W. and A.L. Wharton, 1958
Cola gigantea var. *glabrescens* *
 Tinsley, T.W. and A.L. Wharton, 1958
Cola heterophylla
 Tinsley, T.W. and A.L. Wharton, 1958
Cola lateritia var. *maclaudi* *
 Tinsley, T.W. and A.L. Wharton, 1958
Cola millenii (*Cola togoensis*)
 Tinsley, T.W. and A.L. Wharton, 1958
Cola nitida
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
 Tinsley, T.W. and A.L. Wharton, 1958
Cola togoensis
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
Cola umbratilis *
 Tinsley, T.W. and A.L. Wharton, 1958
Cola verticillata
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
 Tinsley, T.W. and A.L. Wharton, 1958
Cucumis sativus
 Tinsley, T.W. and A.L. Wharton, 1958
Datura stramonium
 Tinsley, T.W. and A.L. Wharton, 1958
Desplatsia dewevrei *
 Tinsley, T.W. and A.L. Wharton, 1958
Desplatsia lutea
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
Dombeya buettneri
 Tinsley, T.W. and A.L. Wharton, 1958
Elaeis guineensis
 Tinsley, T.W. and A.L. Wharton, 1958

VIRUS

- V. CACAO SWOLLEN SHOOT (cont.)
Elaeophorbia drupifera
 Tinsley, T.W. and A.L. Wharton, 1958
Erythropsis barteri
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
Ficus exasperata
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
Funtumia elastica
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
Glycine soya
 Tinsley, T.W. and A.L. Wharton, 1958
Glyphaea brevis
 Tinsley, T.W. and A.L. Wharton, 1958
Gossypium hirsutum
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
Grewia similis
 Tinsley, T.W. and A.L. Wharton, 1958
Gauzuma ulmifolia
 Tinsley, T.W. and A.L. Wharton, 1958
Harpullia pendula
 Tinsley, T.W. and A.L. Wharton, 1958
Hermannia candidans var. *discolor* *
 Tinsley, T.W. and A.L. Wharton, 1958
Herrania balaensis
 Tinsley, T.W. and A.L. Wharton, 1958
Herrania spp.
 Tinsley, T.W. and A.L. Wharton, 1958
Hevea brasiliensis (*Siphonia ridleyana*)
 Tinsley, T.W. and A.L. Wharton, 1958
Hibiscus esculentus
 Tinsley, T.W. and A.L. Wharton, 1958
Kleiniodia hospita
 Tinsley, T.W. and A.L. Wharton, 1958
Leptonychia pubescens
 Tinsley, T.W. and A.L. Wharton, 1958
Manihot esculenta (*Manihot utilissima*)
 Tinsley, T.W. and A.L. Wharton, 1958
Manihot glaziovii
 Tinsley, T.W. and A.L. Wharton, 1958
Mansonia altissima
 Tinsley, T.W. and A.L. Wharton, 1958
Melochia melissaefolia
 Tinsley, T.W. and A.L. Wharton, 1958
Melochia pyramidata
 Tinsley, T.W. and A.L. Wharton, 1958
Millettia thonningii
 Tinsley, T.W. and A.L. Wharton, 1958
Nesogordonia papaverifera
 Tinsley, T.W. and A.L. Wharton, 1958
Nicotiana glutinosa
 Tinsley, T.W. and A.L. Wharton, 1958
Nicotiana tabacum
 Tinsley, T.W. and A.L. Wharton, 1958
Ochroma lagopus (*Ochroma pyramidalis*)
 Tinsley, T.W. and A.L. Wharton, 1958
Octolobus angustatus
 Tinsley, T.W. and A.L. Wharton, 1958
Omphalocarpum procerum
 Tinsley, T.W. and A.L. Wharton, 1958
Pachira oleaginea
 Tinsley, T.W. and A.L. Wharton, 1958
Pelargonium domesticum
 Tinsley, T.W. and A.L. Wharton, 1958
Persea americana
 Tinsley, T.W. and A.L. Wharton, 1958
Phaseolus lunatus
 Tinsley, T.W. and A.L. Wharton, 1958
Phaseolus vulgaris
 Tinsley, T.W. and A.L. Wharton, 1958
Pterygota macrocarpa
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
 Tinsley, T.W. and A.L. Wharton, 1958
Pycnanthus kombo
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950
Ricinodendron africanum
 Posnette, A.F., N.F. Robertson and J. McA.
 Todd, 1950

VIRUS

V. CACAO SWOLLEN SHOOT (cont.)

- Ricinodendron heudeletii*
 - Tinsley, T.W. and A.L. Wharton, 1958
- Scaphopetalum amoenum*
 - Tinsley, T.W. and A.L. Wharton, 1958
- Scytopetalum tieghemii*
 - Tinsley, T.W. and A.L. Wharton, 1958
- Sterculia foetida*
 - Tinsley, T.W. and A.L. Wharton, 1958
- Sterculia oblonga*
 - Tinsley, T.W. and A.L. Wharton, 1958
- Sterculia rhinopetala*
 - Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
 - Tinsley, T.W. and A.L. Wharton, 1958
- Sterculia tragacantha*
 - Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
 - Tinsley, T.W. and A.L. Wharton, 1958
- Tarrietia utilis* *
 - Tinsley, T.W. and A.L. Wharton, 1958
- Theobroma angustifolia*
 - Tinsley, T.W. and A.L. Wharton, 1958
- Theobroma baianoense* *
 - Posnette, A.F. and J. McA. Todd, 1951
- Theobroma bicolor*
 - Tinsley, T.W. and A.L. Wharton, 1958
- Theobroma grandiflorum*
 - Tinsley, T.W. and A.L. Wharton, 1958
- Theobroma mariae*
 - Posnette, A.F. and J. McA. Todd, 1951
- Theobroma obovata*
 - Tinsley, T.W. and A.L. Wharton, 1958
- Theobroma speciosa*
 - Tinsley, T.W. and A.L. Wharton, 1958
- Thespesia lampas* *
 - Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
- Thespesia populnea* *
 - Tinsley, T.W. and A.L. Wharton, 1958
- Tilia platyphyllos*
 - Tinsley, T.W. and A.L. Wharton, 1958
- Trema guineensis*
 - Tinsley, T.W. and A.L. Wharton, 1958
- Triplochiton scleroxylon* *
 - Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950
 - Tinsley, T.W. and A.L. Wharton, 1958
- Urena lobata*
 - Tinsley, T.W. and A.L. Wharton, 1958
- Vigna sinensis*
 - Tinsley, T.W. and A.L. Wharton, 1958
- Waltheria indica*
 - Tinsley, T.W. and A.L. Wharton, 1958
- Waltheria lanceolata*
 - Tinsley, T.W. and A.L. Wharton, 1958
- Xanthosoma sagittaeifolium*
 - Posnette, A.F., N.F. Robertson and J. McA. Todd, 1950

V. CANNA MOSAIC Fukushi 1932

- Cucumis melo*
 - Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
- Cucumis sativus*
 - Brierley, Philip and Floyd F. Smith, 1948
 - Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
 - Celino, M.S. and G.O. Ocfemia, 1941
- Gossypium hirsutum*
 - Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
- Gossypium spp.*
 - Celino, M.S. and G.O. Ocfemia, 1941
- Hedychium coronarium*
 - Brierley, Philip and Floyd F. Smith, 1948
- Lycopersicon esculentum*
 - Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
- Maranta arundinaceae*
 - Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
- Musa cavendishii*
 - Brierley, Philip and Floyd F. Smith, 1948
- Musa ensete*
 - Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
- Musa textilis*
 - Brierley, Philip and Floyd F. Smith, 1948

VIRUS

V. CANNA MOSAIC (cont.)

- Nicotiana tabacum*
 - Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
 - Phaseolus limensis
 - Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
- Vicia faba*
 - Brierley, Philip and Floyd F. Smith, 1948
 - Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
- Vigna sinensis*
 - Castillo, B.S., C.E. Yarwood and A.H. Gold, 1956
- V. CARNATION MOSAIC Creager 1943**
- Callistephus chinensis*
 - Brierley, Philip and Floyd F. Smith, 1955, 1957
- Cucumis sativus*
 - Brierley, Philip and Floyd F. Smith, 1955, 1957
- Gomphrena globosa*
 - Brierley, Philip and Floyd F. Smith, 1955
- Nicotiana tabacum*
 - Brierley, Philip and Floyd F. Smith, 1955, 1957
- Phaseolus vulgaris*
 - Brierley, Philip and Floyd F. Smith, 1955, 1957
- V. CARNATION MOTTLE Kassanis 1955**
- Beta vulgaris*
 - Brierley, Philip and Floyd F. Smith, 1957
- Callistephus chinensis*
 - Brierley, Philip and Floyd F. Smith, 1957
- Nicotiana tabacum*
 - Brierley, Philip and Floyd F. Smith, 1957
 - Kassanis, B., 1955
- Phaseolus vulgaris*
 - Brierley, Philip and Floyd F. Smith, 1957
 - Kassanis, B., 1955
- V. CARNATION VEIN MOTTLE Kassanis 1955**
- Gomphrena globosa*
 - Kassanis, B., 1955
- Nicotiana tabacum*
 - Kassanis, B., 1955
- Phaseolus vulgaris*
 - Kassanis, B., 1955
- V. CAULIFLOWER MOSAIC Tompkins 1934**
- Abutilon theophrasti*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- Alyssum maritimum*
 - Caldwell, John and Ian W. Prentice, 1942
 - Tompkins, C.M., 1937
- Alyssum saxatile*
 - Tompkins, C.M., 1937
- Alyssum saxatile var. compactum*
 - Caldwell, John and Ian W. Prentice, 1942
- Amaranthus tricolor*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- Apium graveolens*
 - Alvarez-Garcia, L.A., 1951
 - Tompkins, C.M., 1937
- Arabis albida*
 - Tompkins, C.M., 1937
- Athyrsanus pusillus*
 - Tompkins, C.M., 1937
- Atropa belladonna*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- Barbarea vulgaris*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- Berteroa incana*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- Beta vulgaris*
 - Alvarez-Garcia, L.A., 1951
 - Berkeley, G.H. and J.H. Tremaine, 1954
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- Beta vulgaris var. cicla*
 - Alvarez-Garcia, L.A., 1951
 - Berkeley, G.H. and J.H. Tremaine, 1954
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

- VIRUS**
- V. CAULIFLOWER MOSAIC (cont.)**
- Brassica juncea* (*Brassica japonica*)
 - Tompkins, C.M., 1937
 - Brassica oleracea* var. *botrytis*
 - Berkeley, G.H. and J.H. Tremaine, 1954
 - Brassica rapa*
 - Caldwell, John and Ian W. Prentice, 1942
 - Calendula officinalis*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Capsella bursa-pastoris*
 - Caldwell, John and Ian W. Prentice, 1942
 - Capsicum frutescens* (*Capsicum annum*)
 - Alvarez-Garcia, L.A., 1951
 - Capsicum frutescens* var. *cerasiforme*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Capsicum frutescens* var. *grossum*
 - Tompkins, C.M., 1937
 - Cardamine hirsuta*
 - Caldwell, John and Ian W. Prentice, 1942
 - Cardamine pratensis*
 - Caldwell, John and Ian W. Prentice, 1942
 - Celosia argentea* var. *cristata*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Centaurea moschata*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Centaurea nigra*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Cheiranthus allionii*
 - Caldwell, John and Ian W. Prentice, 1942
 - Cheiranthus cheiri*
 - Caldwell, John and Ian W. Prentice, 1942
 - Chenopodium album*
 - Tompkins, C.M., 1937
 - Cucumis sativus*
 - Alvarez-Garcia, L.A., 1951
 - Datura metel*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Datura meteloides*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Datura stramonium*
 - Alvarez-Garcia, L.A., 1951
 - Digitalis purpurea*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Dimorphotheca aurantiaca*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Dolichos lablab*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Erysimum perofskianum*
 - Tompkins, C.M., 1937
 - Erysimum spp.*
 - Caldwell, John and Ian W. Prentice, 1942
 - Glycine max*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Godetia amoena*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Gomphrena globosa*
 - Alvarez-Garcia, L.A., 1951
 - Berkeley, G.H. and J.H. Tremaine, 1954*
 - Hesperis matronalis*
 - Berkeley, G.H. and J.H. Tremaine, 1954
 - Tompkins, C.M., 1937*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945*
- VIRUS**
- V. CAULIFLOWER MOSAIC (cont.)**
- Hesperis spp.*
 - Caldwell, John and Ian W. Prentice, 1942
 - Hibiscus esculentus*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Iberis amara*
 - Caldwell, John and Ian W. Prentice, 1942
 - Ipomoea purpurea*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Isatis glauca*
 - Caldwell, John and Ian W. Prentice, 1942
 - Lactuca sativa*
 - Alvarez-Garcia, L.A., 1951
 - Lactuca sativa* var. *capitata*
 - Tompkins, C.M., 1937
 - Lactuca sativa* var. *romana*
 - Tompkins, C.M., 1937
 - Lyium halimifolium*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Lycopersicon esculentum*
 - Alvarez-Garcia, L.A., 1951
 - Lycopersicon esculentum* var. *vulgare*
 - Caldwell, John and Ian W. Prentice, 1942
 - Lycopersicon pimpinellifolium*
 - Tompkins, C.M., 1937
 - Malcolmia maritima*
 - Caldwell, John and Ian W. Prentice, 1942
 - Matthiola incana* var. *annua*
 - Tompkins, C.M., 1937
 - Medicago sativa*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Nasturtium officinale*
 - Caldwell, John and Ian W. Prentice, 1942
 - Nasturtium palustre*
 - Caldwell, John and Ian W. Prentice, 1942
 - Nicandra physalodes*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Nicotiana acuminata*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Nicotiana affinis*
 - Caldwell, John and Ian W. Prentice, 1942
 - Nicotiana alata* var. *grandiflora*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Nicotiana glutinosa*
 - Alvarez-Garcia, L.A., 1951
 - Berkeley, G.H. and J.H. Tremaine, 1954*
 - Caldwell, John and Ian W. Prentice, 1942*
 - Smith, Kenneth M., 1935*
 - Tompkins, C.M., 1937*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945*
 - Nicotiana langsdorffii*
 - Alvarez-Garcia, L.A., 1951
 - Tompkins, C.M., 1937*
 - Nicotiana longiflora*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Nicotiana multivalvis*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Nicotiana nudicaulis*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Nicotiana paniculata*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Nicotiana quadrivalvis*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

VIRUS

V. CAULIFLOWER MOSAIC (cont.)

- Nicotiana rustica*
 Alvarez-Garcia, L.A., 1951
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Nicotiana rustica var. *jamaicensis* *
 Caldwell, John and Ian W. Prentice, 1942
Nicotiana sanderae
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Nicotiana sylvestris
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Nicotiana tabacum
 Alvarez-Garcia, L.A., 1951
 Berkeley, G.H. and J.H. Tremaine, 1954
 Caldwell, John and Ian W. Prentice, 1942
 Tompkins, C.M., 1937
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Nicotiana trigonophylla
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Petunia hybrida
 Berkeley, G.H. and J.H. Tremaine, 1954
Phaseolus coccineus
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Phaseolus vulgaris
 Alvarez-Garcia, L.A., 1951
Physalis pubescens
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Physalis spp.
 Alvarez-Garcia, L.A., 1951
Pisum sativum
 Alvarez-Garcia, L.A., 1951
Portulaca spp.
 Alvarez-Garcia, L.A., 1951
Reseda odorata
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Rorippa nasturtium
 Tompkins, C.M., 1937
Salpiglossis sinuata
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Scabiosa atropurpurea
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Senecio cruentus
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Sisymbrium alliaria
 Caldwell, John and Ian W. Prentice, 1942
Solanum dulcamara
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Solanum integrifolium
 Alvarez-Garcia, L.A., 1951
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Solanum melongena
 Alvarez-Garcia, L.A., 1951
Solanum nigrum
 Alvarez-Garcia, L.A., 1951
Solanum pseudocapsicum
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Solanum rostratum
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Spinacia oleracea
 Alvarez-Garcia, L.A., 1951
 Berkeley, G.H. and J.H. Tremaine, 1954
 Tompkins, C.M., 1937
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Stanleya pinnata
 Tompkins, C.M., 1937
Stellaria media
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945

VIRUS

V. CAULIFLOWER MOSAIC (cont.)

- Tagetes patula*
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Thlaspi arvense
 Caldwell, John and Ian W. Prentice, 1942
Thysanocarpus radians
 Tompkins, C.M., 1937
Tropaeolum majus
 Tompkins, C.M., 1937
Verbena hybrida
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Vicia faba
 Tompkins, C.M., 1937
Vigna sinensis
 Alvarez-Garcia, L.A., 1951
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Vinca minor
 Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
Zinnia elegans
 Alvarez-Garcia, L.A., 1951
 Berkeley, G.H. and J.H. Tremaine, 1954
- V. CELERY MOSAIC Holmes 1939
- Beta vulgaris*
 Freitag, Julius H. and Henry H.P. Severin, 1945
Bidens leucantha
 Doolittle, S.P. and F.L. Wellman, 1934
Brassica oleracea var. *botrytis*
 Freitag, Julius H. and Henry H.P. Severin, 1945
Calendula officinalis
 Freitag, Julius H. and Henry H.P. Severin, 1945
Capsicum frutescens var. *grossum*
 Freitag, Julius H. and Henry H.P. Severin, 1945
Cichorium intybus
 Freitag, Julius H. and Henry H.P. Severin, 1945
Conium maculatum
 Freitag, Julius H. and Henry H.P. Severin, 1945
Cucumis sativus
 Freitag, Julius H. and Henry H.P. Severin, 1945
 Severin, Henry H.P. and Julius H. Freitag, 1938
Cucurbita pepo
 Freitag, Julius H. and Henry H.P. Severin, 1945
Datura stramonium
 Freitag, Julius H. and Henry H.P. Severin, 1945
Dimorphotheca aurantiaca
 Freitag, Julius H. and Henry H.P. Severin, 1945
Heracleum maximum (*Heracleum lanatum*)
 Freitag, Julius H. and Henry H.P. Severin, 1945
Lactuca sativa var. *capitata*
 Freitag, Julius H. and Henry H.P. Severin, 1945
Lycopersicon esculentum var. *commune* *
 Freitag, Julius H. and Henry H.P. Severin, 1945
Nicotiana glutinosa
 Freitag, Julius H. and Henry H.P. Severin, 1945
Nicotiana tabacum
 Freitag, Julius H. and Henry H.P. Severin, 1945
Parthenium argentatum
 Severin, Henry H.P., 1945
Solanum melongena var. *esculentum*
 Freitag, Julius H. and Henry H.P. Severin, 1945
Solanum tuberosum
 Freitag, Julius H. and Henry H.P. Severin, 1945
Spinacia oleracea var. *inermis* *
 Freitag, Julius H. and Henry H.P. Severin, 1945
Zinnia elegans
 Freitag, Julius H. and Henry H.P. Severin, 1945
- V. CHERRY FRECKLE FRUIT DISEASE *
- Prunus armeniaca*
 Williams, H.E. and J.A. Milbrath, 1955
Prunus persica (*Amygdalus persica*)
 Williams, H.E. and J.A. Milbrath, 1955
- V. CHERRY LITTLE CHERRY Foster and Lott 1947
- Prunus demissa*
 Wilks, Jack M. and J.A. Milbrath, 1956
Prunus persica (*Amygdalus persica*)
 Milbrath, J.A. and H.E. Williams, 1956

- VIRUS**
- V. CHERRY RUGOSE MOSAIC Thomas and Rawlins 1951
Prunus domestica
 Berkeley, G.H., 1950
- V. CHILLI (PEPPER MOSAIC) Ferguson 1951
Apium graveolens
 Dale, W.T., 1954
- Beta vulgaris
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Brassica campestris var. *toria**
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Brassica oleracea var. *botrytis*
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Brassica oleracea var. *capitata*
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Brassica oleracea var. *caulorapa*
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Brassica rapa
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Cajanus cajan
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Calendula officinalis
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Callistephus chinensis
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Chenopodium hybridum
 Dale, W.T., 1954
- Chrysanthemum morifolium
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Cicer arietinum
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Citrullus vulgaris
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Citrullus vulgaris var. *fistulosos**
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Citrus limon
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Crotalaria juncea
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Crotalaria mucronata
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Cucumis melo
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Cucumis sativus
 Dale, W.T., 1954
- Cucurbita pepo
 Dale, W.T., 1954
- Cyamopsis tetragonoloba
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Daucus carota
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Dolichos lablab
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Gossypium arboreum
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Hibiscus rosa-sinensis
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Lagenaria siceraria (*Lagenaria leucantha*)
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Lycopersicon esculentum
 Dale, W.T., 1954
- Ferguson, I.A.C., 1951
- Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Medicago sativa
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Momordica charantia
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Nicotiana glauca
 Adsuar, J. and L. Lopez Matos, 1955
- Nicotiana glutinosa
 Ferguson, I.A.C., 1951
- Nicotiana rustica
 Ferguson, I.A.C., 1951
- Nicotiana sylvestris
 Ferguson, I.A.C., 1951
- Phaseolus vulgaris
 Dale, W.T., 1954
- Pisum sativum
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Psidium guajava
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Raphanus sativus
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- VIRUS**
- V. CHILLI (PEPPER MOSAIC) (cont.)
- Solanum melongena*
 Dale, W.T., 1954
- Ferguson, I.A.C., 1951
- Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Solanum nodiflorum*
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Solanum tuberosum*
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Tagetes erecta*
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Trifolium alexandrium*
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Vicia faba*
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Vigna unguiculata*
 Dale, W.T., 1954
- Ferguson, I.A.C., 1951
- Vinca rosea*
 Jha, Ashrafi and S.P. Raychaudhuri, 1956
- Zinnia elegans*
 Dale, W.T., 1954
- Jha, Ashrafi and S.P. Raychaudhuri, 1956
- V. CHILLI VEINBANDING Simon 1956
- Amaranthus spinosus*
 Simons, John N., 1956
- Apium graveolens* var. *dulce*
 Simons, John N., 1956
- Beta vulgaris* var. *cicla*
 Simons, John N., 1956
- Brassica oleracea*
 Simons, John N., 1956
- Commelina* spp.
 Simons, John N., 1956
- Cucumis sativus*
 Simons, John N., 1956
- Cucurbita pepo* var. *melopepo*
 Simons, John N., 1956
- Datura stramonium*
 Simons, John N., 1956
- Medicago sativa*
 Simons, John N., 1956
- Vigna sinensis*
 Simons, John N., 1956
- V. CHRYSANTHEMUM B (MILD MOSAIC)*
- Ageratum conyzoides*
 Hollings, M., 1957
- Alonsoa warscewiczii*
 Hollings, M., 1957
- Amaranthus caudatus*
 Hollings, M., 1957
- Anchusa azurea*
 Hollings, M., 1957
- Antirrhinum majus*
 Hollings, M., 1957
- Apium graveolens*
 Hollings, M., 1957
- Aquilegia caerulea*
 Hollings, M., 1957
- Beta vulgaris*
 Hollings, M., 1957
- Brassica oleracea* var. *botrytis*
 Hollings, M., 1957
- Brassica oleracea* var. *capitata*
 Hollings, M., 1957
- Brassica oleracea* var. *gemmifera*
 Hollings, M., 1957
- Brassica oleracea* var. *italica**
 Hollings, M., 1957
- Brassica pekinensis*
 Hollings, M., 1957
- Brassica rapa*
 Hollings, M., 1957
- Calendula chrysanthia*
 Hollings, M., 1957
- Callistephus chinensis*
 Hollings, M., 1957
- Calystegia sepium*
 Hollings, M., 1957
- Capsicum frutescens* (*Capsicum annuum*)
 Hollings, M., 1957

VIRUS

- V. CHRYSANTHEMUM B (MILD MOSAIC) * (cont.)
- Celosia argentea*
Hollings, M., 1957
 - Cheiranthus cheiri*
Hollings, M., 1957
 - Chenopodium album*
Hollings, M., 1957
 - Chenopodium amaranthicolor*
Hollings, M., 1957
 - Convolvulus tricolor*
Hollings, M., 1957
 - Cucumis sativus*
Hollings, M., 1957
 - Cucurbita pepo*
Hollings, M., 1957
 - Dahlia pinnata*
Hollings, M., 1957
 - Datura stramonium*
Hollings, M., 1957
 - Delphinium grandiflorum*
Hollings, M., 1957
 - Dianthus barbatus*
Hollings, M., 1957
 - Epilobium montanum*
Hollings, M., 1957
 - Fagopyrum esculentum*
Hollings, M., 1957
 - Geum chiloensis*
Hollings, M., 1957
 - Gomphrena globosa*
Hollings, M., 1957
 - Helichrysum bracteatum*
Hollings, M., 1957
 - Lactuca muralis*
Hollings, M., 1957
 - Lactuca sativa*
Hollings, M., 1957
 - Lavatera trimestris*
Hollings, M., 1957
 - Lobularia maritima*
Hollings, M., 1957
 - Lupinus polyphyllus*
Hollings, M., 1957
 - Lycopersicon esculentum*
Hollings, M., 1957
 - Lythrum salicaria*
Hollings, M., 1957
 - Matthiola incana var. annua*
Hollings, M., 1957
 - Medicago sativa*
Hollings, M., 1957
 - Melilotus alba*
Hollings, M., 1957
 - Mimulus luteus*
Hollings, M., 1957
 - Myosotis sylvatica*
Hollings, M., 1957
 - Nicandra physalodes*
Hollings, M., 1957
 - Nicotiana tabacum*
Hollings, M., 1957
 - Papaver rhoeas*
Hollings, M., 1957
 - Papaver somniferum*
Hollings, M., 1957
 - Pelargonium domesticum*
Hollings, M., 1957
 - Phaseolus vulgaris*
Hollings, M., 1957
 - Phlox drummondii*
Hollings, M., 1957
 - Physalis floridana*
Hollings, M., 1957
 - Phytolacca americana*
Hollings, M., 1957
 - Pisum sativum*
Hollings, M., 1957
 - Plantago lanceolata*
Hollings, M., 1957
 - Portulaca oleracea*
Hollings, M., 1957
 - Primula malacoides*
Hollings, M., 1957

VIRUS

- V. CHRYSANTHEMUM B (MILD MOSAIC) * (cont.)
- Primula sinensis*
Hollings, M., 1957
 - Ranunculus ficaria*
Hollings, M., 1957
 - Ranunculus repens*
Hollings, M., 1957
 - Raphanus sativus*
Hollings, M., 1957
 - Saintpaulia ionantha*
Hollings, M., 1957
 - Salpiglossis sinuata*
Hollings, M., 1957
 - Salvia splendens*
Hollings, M., 1957
 - Schizanthus pinnatus*
Hollings, M., 1957
 - Solanum tuberosum*
Hollings, M., 1957
 - Spinacia oleracea*
Hollings, M., 1957
 - Stellaria media*
Hollings, M., 1957
 - Tagetes erecta*
Hollings, M., 1957
 - Taraxacum officinale*
Hollings, M., 1957
 - Trifolium repens*
Hollings, M., 1957
 - Tropaeolum majus*
Hollings, M., 1957
 - Verbena hybrida*
Hollings, M., 1957
 - Vigna sinensis*
Hollings, M., 1957
 - Zinnia elegans*
Hollings, M., 1957
- V. CHRYSANTHEMUM LATENT *
- Beta vulgaris*
Hollings, M., 1957
 - Brassica pekinensis*
Hollings, M., 1957
 - Cucumis sativus*
Hollings, M., 1957
 - Dianthus barbatus*
Hollings, M., 1957
 - Lycopersicon esculentum*
Hollings, M., 1957
 - Lythrum salicaria*
Hollings, M., 1957
 - Passiflora caerulea*
Hollings, M., 1957
 - Phaseolus vulgaris*
Hollings, M., 1957
 - Phytolacca americana*
Hollings, M., 1957
 - Plantago lanceolata*
Hollings, M., 1957
 - Portulaca oleracea*
Hollings, M., 1957
 - Primula malacoides*
Hollings, M., 1957
 - Spinacia oleracea*
Hollings, M., 1957
 - Stellaria media*
Hollings, M., 1957
- V. CHRYSANTHEMUM Q Keller 1950
- Lycopersicon esculentum*
Brierley, Philip and Floyd F. Smith, 1953
 - Nicotiana tabacum*
Brierley, Philip and Floyd F. Smith, 1953
- V. CHRYSANTHEMUM RING SPOT Brierley and Smith 1955
- Antirrhinum majus*
Brierley, Philip and Floyd F. Smith, 1955
 - Callistephus chinensis*
Brierley, Philip and Floyd F. Smith, 1955
 - Datura stramonium*
Brierley, Philip and Floyd F. Smith, 1955
 - Gomphrena globosa*
Brierley, Philip and Floyd F. Smith, 1955
 - Portulaca oleracea*
Brierley, Philip and Floyd F. Smith, 1955

VIRUS

- V. CHRYSANTHEMUM RING SPOT (cont.)
Nicotiana glutinosa
 Brierley, Philip and Floyd F. Smith, 1955
Nicotiana tabacum
 Brierley, Philip and Floyd F. Smith, 1955
Petunia hybrida
 Brierley, Philip and Floyd F. Smith, 1955
Phaseolus vulgaris
 Brierley, Philip and Floyd F. Smith, 1955
Physalis angulata
 Brierley, Philip and Floyd F. Smith, 1955
Senecio cruentus
 Brierley, Philip and Floyd F. Smith, 1955
Zinnia elegans
 Brierley, Philip and Floyd F. Smith, 1955
- V. CHRYSANTHEMUM STUNT Brierley and Smith 1949
Achillea filipendulina
 Brierley, Philip, 1953
Ageratum houstonianum
 Brierley, Philip, 1953
Ambrosia artemesifolia
 Brierley, Philip, 1953
Arctotis stoechadifolia var. *grandis*
 Brierley, Philip, 1953
Artemisia vulgaris
 Brierley, Philip, 1953
Boltonia latiscama
 Brierley, Philip, 1953
Brickellia lacinata
 Brierley, Philip, 1953
Calendula officinalis
 Brierley, Philip, 1953
Callistephus chinensis
 Brierley, Philip, 1953
Catananche caerulea
 Brierley, Philip, 1953
Centaura imperialis
 Brierley, Philip, 1953
Cichorium intybus
 Brierley, Philip, 1953
Coreopsis douglasii
 Brierley, Philip, 1953
Coreopsis drummondii
 Brierley, Philip, 1953
Coreopsis lanceolata
 Brierley, Philip, 1953
Cosmos bipinnatus
 Brierley, Philip, 1953
Cucumis sativus
 Keller, John R., 1953
Cuscuta gronovii
 Keller, John R., 1953
Cynara cardunculus
 Brierley, Philip, 1953
Doronicum cordatum
 Brierley, Philip, 1953
Echinops ritro
 Brierley, Philip, 1953
Gaillardia pulchella var. *picta*
 Brierley, Philip, 1953
Galinsoga parviflora
 Brierley, Philip, 1953
Gazania spp.
 Brierley, Philip, 1953
Gerbera jamesonii
 Brierley, Philip, 1953
Helianthus cucumerifolius
 Brierley, Philip, 1953
Helichrysum bracteatum
 Brierley, Philip, 1953
Lactuca sativa
 Brierley, Philip, 1953
Ligularia clivorum
 Brierley, Philip, 1953
Nicotiana glutinosa
 Brierley, Philip, 1953
Nicotiana tabacum
 Brierley, Philip, 1953
Phaseolus vulgaris
 Brierley, Philip, 1953
Rudbeckia serotina
 Brierley, Philip, 1953

VIRUS

- V. CHRYSANTHEMUM STUNT (cont.)
Senecio elegans
 Brierley, Philip, 1953
Stokesia laevis
 Brierley, Philip, 1953
Tagetes erecta
 Brierley, Philip, 1953
Tragopogon porrifolius
 Brierley, Philip, 1953
Tropaeolum majus var. *nanum*
 Keller, John R., 1953
Xeranthemum annuum
 Brierley, Philip, 1953
- V. CINERARIA MOSAIC Jones 1942
Cucumis sativus
 Jones, Leon K., 1944
Lactuca sativa
 Jones, Leon K., 1944
Lycopersicon esculentum
 Jones, Leon K., 1944
Nicotiana tabacum
 Jones, Leon K., 1944
Pisum sativum
 Jones, Leon K., 1944
- V. CITRUS EXOCORTIS Moreira 1955
Citrus aurantifolia
 Olson, E.O. and A.V. Shull, 1956
- V. CITRUS PSOROSIS ((Swingle and Weber 1896)) Fawcett 1936
Cuscuta californica
 Bennett, C.W., 1944
Cuscuta campestris
 Bennett, C.W., 1944
Cuscuta subinclusa
 Bennett, C.W., 1944
- V. CITRUS TRISTEZA Meneghini 1946
Acanthospermum hispidum
 Bennett, C.W. and A.S. Costa, 1949
Aegle marmelos
 Knorr, L.C., 1956
Aeglopsis chevalieri
 Knorr, L.C., 1956
Amaranthus caudatus
 Bennett, C.W. and A.S. Costa, 1949
Atalantia ceylanica
 Knorr, L.C., 1956
Atalantia citroides
 Knorr, L.C., 1956
Beta vulgaris
 Knorr, L.C., 1956
Brassica oleracea
 Knorr, L.C., 1956
Brassica pekinensis
 Bennett, C.W. and A.S. Costa, 1949
Calendula spp.
 Knorr, L.C., 1956
Callistephus chinensis
 Bennett, C.W. and A.S. Costa, 1949
Canavalia ensiformis
 Bennett, C.W. and A.S. Costa, 1949
Capsicum spp.
 Knorr, L.C., 1956
Casimiroa edulis
 Knorr, L.C., 1956
Celosia spp.
 Knorr, L.C., 1956
Citrus grandis
 Knorr, L.C., 1956
Citrus limon
 Knorr, L.C., 1956
Citrus nobilis var. *unshiu* on *Citrus sinensis* x *Poncirus trifoliata*
 Olson, Edward O. and James R. McDonald, 1954
Citrus nobilis var. *unshiu* on *Poncirus trifoliata*
 Olson, Edward O. and James R. McDonald, 1954
Citrus paradisi on *Citrus paradisi* x *Poncirus trifoliata*
 Olson, Edward O. and James R. McDonald, 1954

VIRUS

- V. CITRUS TRISTEZA (cont.)
Citrus paradisi x *Citrus reticulata* on *Citrus sinensis* x
Poncirus trifoliata
 Olson, Edward O. and James R. McDonald, 1954
Citrus paradisi on *Citrus sinensis* x *Poncirus trifoliata*
 Olson, Edward O. and James R. McDonald, 1954
Citrus reticulata
 Knorr, L.C., 1956
Citrus sinensis
 Olson, Edward O. and James R. McDonald, 1954
Citrus sinensis on *Citrus paradisi* x *Poncirus trifoliata*
 Olson, Edward O. and James R. McDonald, 1954
Citrus sinensis on *Poncirus trifoliata*
 Olson, Edward O. and James R. McDonald, 1954
Cucumis sativus
 Knorr, L.C., 1956
Cuscuta americana
 Bennett, C.W. and A.S. Costa, 1949
Cuscuta campestris
 Bennett, C.W. and A.S. Costa, 1949
Cuscuta indecora
 Bennett, C.W. and A.S. Costa, 1949
Cuscuta subinclusa
 Bennett, C.W. and A.S. Costa, 1949
Datura spp.
 Bennett, C.W. and A.S. Costa, 1949
 Knorr, L.C., 1956
Datura stramonium
 Bennett, C.W. and A.S. Costa, 1949
Dianthus caryophyllus
 Knorr, L.C., 1956
Erigeron bonariensis
 Bennett, C.W. and A.S. Costa, 1949
Euphorbia pilulifera
 Bennett, C.W. and A.S. Costa, 1949
Euphorbia prunifolia
 Bennett, C.W. and A.S. Costa, 1949
Evodia spp.
 Knorr, L.C., 1956
Fortunella margarita on *Poncirus trifoliata*
 Olson, Edward O. and James R. McDonald, 1954
Gossypium hirsutum
 Bennett, C.W. and A.S. Costa, 1949
*Gycosmis citrifolia**
 Knorr, L.C., 1956
Iberis spp.
 Knorr, L.C., 1956
Lactuca sativa
 Knorr, L.C., 1956
Luffa spp.
 Knorr, L.C., 1956
Lycopersicon esculentum
 Bennett, C.W. and A.S. Costa, 1949
Muraya koenigii
 Knorr, L.C., 1956
Nicotiana glauca
 Bennett, C.W. and A.S. Costa, 1949
Nicotiana tabacum
 Bennett, C.W. and A.S. Costa, 1949
 Knorr, L.C., 1956
Ocimum basilicum
 Knorr, L.C., 1956
Oxalis spp.
 Bennett, C.W. and A.S. Costa, 1949
Phaseolus vulgaris
 Bennett, C.W. and A.S. Costa, 1949
Phyllanthus corcovadensis
 Bennett, C.W. and A.S. Costa, 1949
Ptelea trifoliata
 Knorr, L.C., 1956
Ruta chalepensis
 Knorr, L.C., 1956
Ruta graveolens
 Knorr, L.C., 1956
Ruta spp.
 Bennett, C.W. and A.S. Costa, 1949
Severinia buxifolia
 Knorr, L.C., 1956
Severinia disticha
 Knorr, L.C., 1956
Solanum tuberosum
 Bennett, C.W. and A.S. Costa, 1949

VIRUS

- V. CITRUS TRISTEZA (cont.)
Spinacia oleracea
 Bennett, C.W. and A.S. Costa, 1949
Stellaria media
 Bennett, C.W. and A.S. Costa, 1949
Swinglea gultinosa
 Knorr, L.C., 1956
Triphasia trifolia
 Knorr, L.C., 1956
Vigna sinensis
 Bennett, C.W. and A.S. Costa, 1949
Zinnia spp.
 Knorr, L.C., 1956
- V. CITRUS XYLOPOROSIS Reichert and Perlberger 1934
Citrus aurantifolia
 Olson, E.O. and A.V. Shull, 1956
Citrus paradisi x *Citrus reticulata*
 Olson, E.O. and A.V. Shull, 1956
- V. CLOVER BIG VEIN Black 1944
Medicago sativa
 Black, L.M. and M.K. Brakke, 1952
- V. CLOVER WITCHES' BROOM *
- Cuscuta campestris*
 Frazier, N.W. and A.F. Posnette, 1957
 - Cuscuta europaea*
 Frazier, N.W. and A.F. Posnette, 1957
 - Cuscuta subinclusa*
 Frazier, N.W. and A.F. Posnette, 1957
- V. CORN NEW MOSAIC *
- Avena sativa*
 Finley, A.M., 1954
- V. COWPEA MOSAIC
- Ambrosia artemisiifolia*
 Anderson, C.W., 1955
 - Apium graveolens*
 Anderson, C.W., 1955
 Yu, T.F., 1946
 - Arachis hypogaea*
 Yu, T.F., 1946
 - Beta vulgaris*
 Yu, T.F., 1946
 - Bidens pilosa*
 Anderson, C.W., 1955
 - Cajanus cajan*
 Capoor, S.P. and P.M. Varma, 1956
 - Canavalia ensiformis*
 Yu, T.F., 1946
 - Capsicum frutescens* (*Capsicum annuum*)
 Anderson, C.W., 1955
 Capoor, S.P. and P.M. Varma, 1956
 McLean, D.M., 1941
 Yu, T.F., 1946
 - Commelina nudiflora*
 Anderson, C.W., 1955
 - Crotalaria retusa*
 Capoor, S.P. and P.M. Varma, 1956
 - Cucumis sativus*
 Anderson, C.W., 1955
 Capoor, S.P. and P.M. Varma, 1956
 Dale, W.T., 1949
 McLean, D.M., 1941
 Yu, T.F., 1946
 - Cucurbita pepo*
 Capoor, S.P. and P.M. Varma, 1956
 - Datura inoxia*
 Capoor, S.P. and P.M. Varma, 1956
 - Datura stramonium*
 McLean, D.M., 1941
 Yu, T.F., 1946
 - Dolichos biflorus*
 Capoor, S.P. and P.M. Varma, 1956
 - Dolichos lablab*
 Capoor, S.P. and P.M. Varma, 1956
 Yu, T.F., 1946
 - Glycine max*
 Yu, T.F., 1946
 - Lagenaria siceraria* (*Lagenaria leucantha*)
 Capoor, S.P. and P.M. Varma, 1956

- VIRUS**
- V. COWPEA MOSAIC (cont.)
- Lathyrus odoratus*
 - McLean, D.M., 1941
 - Yu, T.F., 1946
 - Lathyrus sativus*
 - Capoor, S.P. and P.M. Varma, 1956
 - Lens esculenta*
 - Yu, T.F., 1946
 - Lespedeza bicolor*
 - Yu, T.F., 1946
 - Lupinus albus*
 - Yu, T.F., 1946
 - Lycopersicon esculentum*
 - Anderson, C.W., 1955
 - Capoor, S.P. and P.M. Varma, 1956
 - Dale, W.T., 1949
 - McLean, D.M., 1941
 - Yu, T.F., 1946
 - Lycopersicon pimpinellifolium*
 - Yu, T.F., 1946
 - Medicago sativa*
 - Capoor, S.P. and P.M. Varma, 1956
 - Yu, T.F., 1946
 - Melilotus alba*
 - Yu, T.F., 1946
 - Mucuna deeringianum*
 - Capoor, S.P. and P.M. Varma, 1956
 - Nicotiana glutinosa*
 - Anderson, C.W., 1955
 - Capoor, S.P. and P.M. Varma, 1956
 - Dale, W.T., 1949
 - McLean, D.M., 1941
 - Nicotiana rustica*
 - Capoor, S.P. and P.M. Varma, 1956
 - Nicotiana tabacum*
 - Anderson, C.W., 1955
 - Capoor, S.P. and P.M. Varma, 1956
 - Dale, W.T., 1949
 - McLean, D.M., 1941
 - Yu, T.F., 1946
 - Pachyrhizus tuberosus*
 - Yu, T.F., 1946
 - Petunia hybrida*
 - Capoor, S.P. and P.M. Varma, 1956
 - McLean, D.M., 1941
 - Yu, T.F., 1946
 - Phaseolus acutifolius*
 - Capoor, S.P. and P.M. Varma, 1956
 - Phaseolus aureus*
 - Capoor, S.P. and P.M. Varma, 1956
 - McLean, D.M., 1941
 - Phaseolus lunatus*
 - McLean, D.M., 1941
 - Phaseolus mungo*
 - Capoor, S.P. and P.M. Varma, 1956
 - Phaseolus trilobus*
 - Capoor, S.P. and P.M. Varma, 1956
 - Phaseolus vulgaris*
 - Anderson, C.W., 1955
 - Capoor, S.P. and P.M. Varma, 1956
 - Dale, W.T., 1949
 - McLean, D.M., 1941
 - Yu, T.F., 1946
 - Physalis peruviana*
 - Capoor, S.P. and P.M. Varma, 1956
 - Phytolacca rigida*
 - Anderson, C.W., 1955
 - Pisum sativum*
 - Anderson, C.W., 1955
 - McLean, D.M., 1941
 - Yu, T.F., 1946
 - Pisum sativum var. arvense*
 - McLean, D.M., 1941
 - Yu, T.F., 1946
 - Sesbania speciosa*
 - Capoor, S.P. and P.M. Varma, 1956
 - Sida spp.*
 - Anderson, C.W., 1955
 - Solanum melongena*
 - Capoor, S.P. and P.M. Varma, 1956
 - Yu, T.F., 1946
 - Solanum nigrum*
 - Capoor, S.P. and P.M. Varma, 1956
- VIRUS**
- V. COWPEA MOSAIC (cont.)
- Solanum tuberosum*
 - McLean, D.M., 1941
 - Yu, T.F., 1946
 - Spinacia oleracea*
 - Capoor, S.P. and P.M. Varma, 1956
 - Trifolium pratense*
 - Yu, T.F., 1946
 - Trifolium repens*
 - Yu, T.F., 1946
 - Tropaeolum majus*
 - Capoor, S.P. and P.M. Varma, 1956
 - Vicia faba*
 - Capoor, S.P. and P.M. Varma, 1956
 - McLean, D.M., 1941
 - Yu, T.F., 1946
 - Vicia sativa*
 - Yu, T.F., 1946
 - Vicia villosa*
 - Yu, T.F., 1946
 - Zinnia elegans*
 - Capoor, S.P. and P.M. Varma, 1956
 - McLean, D.M., 1941
 - Yu, T.F., 1946
- V. CROTALARIA MOSAIC Johnson and Lefebvre 1938
- Carica papaya*
 - Jensen, D.D., 1949
- V. CUCUMBER GREEN MOTTLE MOSAIC Ainsworth 1935 ((This virus is serologically related to V. Tobacco mosaic and is generally regarded as a strain of it, but see Knight 1955.))
- Brassica chinensis*
 - Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - Brassica oleracea*
 - Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - Brassica oleracea var. gongylodes*
 - Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - Bryonia dioica*
 - Ainsworth, G.C., 1935
 - Cajanus cajan*
 - Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - Capsicum frutescens* (*Capsicum annuum*)
 - Vasudeva, R.S. and T.K. Nariani, 1952
 - Cicer arietinum*
 - Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - Citrullus vulgaris*
 - Ainsworth, G.C., 1935
 - Cucurbita pepo*
 - Ainsworth, G.C., 1935
 - Cuscuta campestris*
 - Johnson, Folke, 1941
 - Datura stramonium*
 - Ainsworth, G.C., 1935
 - Hibiscus esculentus*
 - Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - Lycopersicon esculentum*
 - Ainsworth, G.C., 1935
 - Vasudeva, R.S. and T.K. Nariani, 1952
 - Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - Nicotiana glutinosa*
 - Ainsworth, G.C., 1935
 - Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - Nicotiana tabacum*
 - Ainsworth, G.C., 1935
 - Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - Nicotiana tabacum x Nicotiana glutinosa*
 - Fulton, Robert W., 1950
 - Petunia hybrida*
 - Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
 - Pisum sativum*
 - Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949

VIRUS

V. CUCUMBER GREEN MOTTLE MOSAIC (cont.)

- Solanum nigrum*
Ainsworth, G.C., 1935
- Vigna sinensis*
Vasudeva, R.S., S.P. Raychaudhuri and Jagannath Singh, 1949
- V. CUCUMBER MOSAIC Doolittle 1916, 1920
- Abelmoschus esculentus*
Adsuar, Jose and A. Cruz Miret, 1950
- Achillea millefolium*
Wellman, F.L., 1935
- Adenoropium gossypifolium*
Adsuar, Jose and A. Cruz Miret, 1950
- Adiantum capillus-veneris*
Wellman, F.L., 1935
- Agapanthus africanus*
Brierley, Philip and Floyd F. Smith, 1944
- Ageratum houstonianum*
Wellman, F.L., 1935
- Allium cepa*
Brierley, Philip and Floyd F. Smith, 1944
- Allium cernuum*
Brierley, Philip and Floyd F. Smith, 1944
- Allium odorum*
Brierley, Philip and Floyd F. Smith, 1944
- Allium speciosum*
Brierley, Philip and Floyd F. Smith, 1944
- Aloe spp.*
Brierley, Philip and Floyd F. Smith, 1944
- Alsinia media*
Wellman, F.L., 1935
- Althaea rosea*
Burnett, G., 1934
- Amaranthus cruentus*
Adsuar, Jose and A. Cruz Miret, 1950
- Amaranthus dubius*
Adsuar, Jose and A. Cruz Miret, 1950
- Amaranthus hybridus*
Wellman, F.L., 1935
- Amaranthus retroflexus*
Burnett, G., 1934
- Amaranthus spinosus*
Wellman, F.L., 1935
- Amaryllis (Hippeastrum) vittatum*
Wellman, F.L., 1935
- Ambrosia artemisiifolia*
Anderson, C.W., 1955
- Ananas sativus*
Wellman, F.L., 1935
- Anchusa officinalis*
Wellman, F.L., 1935
- Antirrhinum majus*
Govier, D.A., 1957
- Apium graveolens*
Bhargava, K.S., 1951
- Apium graveolens var. dulce*
Simons, John N., 1957
- Arachis hypogaea*
Wellman, F.L., 1935
- Asparagus asparagooides*
Brierley, Philip and Floyd F. Smith, 1944
- Asparagus officinalis*
Wellman, F.L., 1935
- Asparagus plumosus*
Wellman, F.L., 1935
- Asparagus sprengeri*
Brierley, Philip and Floyd F. Smith, 1944
- Aphrodite lutea*
Brierley, Philip and Floyd F. Smith, 1944
- Aster novae-angliae*
Wellman, F.L., 1935
- Aster spp.*
Burnett, G., 1934
- Avena sativa*
McWhorter, F.P. and H.H. Millsap, 1954
Wellman, F.L., 1935
- Belamcanda chinensis*
Brierley, Philip and Floyd F. Smith, 1944
- Beta vulgaris*
Adsuar, Jose and A. Cruz Miret, 1950
Govier, D.A., 1957
Nienow, Inez, 1948

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Beta vulgaris* var. *cicla*
Govier, D.A., 1957
- Bidens cynapiifolia*
Adsuar, Jose and A. Cruz Miret, 1950
- Bidens leucantha* *
- Wellman, F.L., 1935
- Bidens pilosa*
Anderson, C.W., 1955
- Brassica campestris* var. *napobrassica*
Wellman, F.L., 1935
- Brassica hirta* (*Brassica alba*)
Johnson, E.M., 1930
Wellman, F.L., 1935
- Brassica napus*
Wellman, F.L., 1935
- Brassica nigra*
Wellman, F.L., 1935
- Brassica oleracea*
Doolittle, S.P. and W.J. Zaumeyer, 1953
Johnson, E.M., 1930
Simons, John N., 1957
- Brassica oleracea* var. *acephala*
Wellman, F.L., 1935
- Brassica oleracea* var. *botrytis*
Berkeley, G.H. and J.H. Tremaine, 1954
Wellman, F.L., 1935
- Brassica oleracea* var. *capitata*
Berkeley, G.H. and J.H. Tremaine, 1954
Bridgmon, G.H. and J.C. Walker, 1952
Wellman, F.L., 1935
- Brassica oleracea* var. *caulorapa*
Nienow, Inez, 1948
Wellman, F.L., 1935
- Brassica oleracea* var. *gemmifera*
Berkeley, G.H. and J.H. Tremaine, 1954
Wellman, F.L., 1935
- Brassica oleracea* var. *gongylodes*
Berkeley, G.H. and J.H. Tremaine, 1954
- Brassica oleracea* var. *viridis*
Berkeley, G.H. and J.H. Tremaine, 1954
- Brassica pekinensis*
Berkeley, G.H. and J.H. Tremaine, 1954
Wellman, F.L., 1935
- Brassica rapa*
Brierley, Philip and Floyd F. Smith, 1944
Nienow, Inez, 1948
Wellman, F.L., 1935
- Brassica rapa* var. *depressa* *
- Johnson, E.M., 1930
- Brodiaea uniflora*
Brierley, Philip and Floyd F. Smith, 1944
- Calendula officinalis*
Wellman, F.L., 1935
- Callistephus chinensis*
Doolittle, S.P. and W.J. Zaumeyer, 1953
Simons, John N., 1957
Wellman, F.L., 1935
- Camassia leichtlinii*
Brierley, Philip and Floyd F. Smith, 1944
- Campanula medium*
Wellman, F.L., 1935
- Canavalia ensiformis*
Anderson, C.W., 1955
- Canavalia gladiata*
Anderson, C.W., 1955
- Canna edulis*
Celino, Martin S., 1940
- Canna glauca*
Wellman, F.L., 1935
- Capsicum frutescens* (*Capsicum annuum*)
Adsuar, Jose and A. Cruz Miret, 1950
Anderson, C.W. and M.K. Corbett, 1957
Burnett, G., 1934
Govier, D.A., 1957
Vasudeva, R. Sahai and T.B. Lal, 1943
- Capsicum frutescens* var. *cerasiforme*
Pound, Glenn S. and J.C. Walker, 1948
- Carica papaya*
Adsuar, Jose and A. Cruz Miret, 1950
Wellman, F.L., 1935
- Cassia tora*
Anderson, C.W., 1954, 1955

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Catharanthus roseus*
Adsuar, Jose and A. Cruz Miret, 1950
- Celeri graveolens*
Adsuar, Jose and A. Cruz Miret, 1950
- Celosia argentea*
Wellman, F. L., 1935
- Centaurea cyanus*
Wellman, F. L., 1935
- Chapmannia floridana*
Wellman, F. L., 1935
- Cheiranthus cheiri*
Govier, D. A., 1957
- Chenopodium album*
Burnett, G., 1934
- Chenopodium botrys*
Wellman, F. L., 1935
- Chrysanthemum carinatum*
Wellman, F. L., 1935
- Chrysanthemum coccineum*
Govier, D. A., 1957
- Chrysanthemum leucanthemum*
Wellman, F. L., 1935
- Chrysanthemum morifolium*
Wellman, F. L., 1935
- Chrysanthemum parthenium*
Govier, D. A., 1957
- Cicer arietinum*
Wellman, F. L., 1935
- Cichorium endivia*
Wellman, F. L., 1935
- Cichorium intybus*
Pound, Glenn S. and J.C. Walker, 1948
- Citrullus citrullus*
Adsuar, Jose and A. Cruz Miret, 1950
- Citrullus vulgaris*
Nariani, T.K. and Nirmaljit Singh, 1952
- Citrullus vulgaris* var. *fistulosus**
Nariani, T.K. and Nirmaljit Singh, 1952
- Citrus aurantium*
Wellman, F. L., 1935
- Citrus grandis*
Wellman, F. L., 1935
- Citrus nobilis*
Wellman, F. L., 1935
- Citrus sinensis*
Wellman, F. L., 1935
- Citrus spp.*
Bennett, C. W., 1944
- Clarkia elegans*
Wellman, F. L., 1935
- Cleome spinosa*
Adsuar, Jose and A. Cruz Miret, 1950
- Clerodendron fragrans*
Adsuar, Jose and A. Cruz Miret, 1950
- Clitoria ternatea*
Wellman, F. L., 1935
- Codiaeum variegatum*
Wellman, F. L., 1935
- Coleus lanuginosus*
Adsuar, Jose and A. Cruz Miret, 1950
- Commelinaceae*
Brierley, Philip and Floyd F. Smith, 1944
- Commelinina nudiflora*
Anderson, C. W., 1955
- Brierley, Philip and Floyd F. Smith, 1944*
- Commelinina spp.*
Simons, John N., 1957
- Convallaria majalis*
Brierley, Philip and Floyd F. Smith, 1944
- Coreopsis drummondii*
Wellman, F. L., 1935
- Coreopsis tinctoria*
Wellman, F. L., 1935
- Cosmos bipinnatus*
Wellman, F. L., 1935
- Crassina elegans*
Adsuar, Jose and A. Cruz Miret, 1950
- Crotalaria spectabilis*
Anderson, C. W., 1955
- Wellman, F. L., 1935*

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Crotalaria spp.*
Wellman, F. L., 1935
- Cucumis melo*
Govier, D. A., 1957
- Cucumis sativus*
McWhorter, F. P. and H.H. Millsap, 1954
- Peterson, Paul D. and H.H. McKinney, 1938*
- Cucurbita lagenaria*
Adsuar, Jose and A. Cruz Miret, 1950
- Cuscuta californica*
Bennett, C. W., 1940
- Cuscuta campestris*
Bennett, C. W., 1944
- Costa, A.S., 1944*
- Cuscuta sandwichiana*
Sakimura, K., 1947
- Cuscuta subinclusa*
Bennett, C. W., 1940
- Cynodon dactylon*
Wellman, F. L., 1935
- Cyperus compressus*
Wellman, F. L., 1935
- Cyperus esculentus*
Wellman, F. L., 1935
- Dahlia pinnata*
Wellman, F. L., 1935
- Dahlia variabilis*
Brierley, Philip and Floyd F. Smith, 1950
- Daphne cneorum*
Milbrath, J.A. and Roy A. Young, 1956
- Datura spp.*
Adsuar, Jose and A. Cruz Miret, 1950
- Datura stramonium*
Burnett, G., 1934
- Harter, L.L., 1938*
- Lindberg, G.D., D.H. Hall and J.C. Walker, 1956*
- McKnight, T., 1953*
- Vasudeva, R. Sahai and T.B. Lal, 1943*
- Dendropogon usneoides*
Wellman, F. L., 1935
- Desmodium incanum*
Anderson, C. W., 1955
- Dianthus caryophyllus*
Wellman, F. L., 1935
- Dianthus plumarius*
Wellman, F. L., 1935
- Digitalis purpurea*
Wellman, F. L., 1935
- Dioscorea alata*
Brierley, Philip and Floyd F. Smith, 1944
- Dioscorea bulbifera*
Wellman, F. L., 1935
- Dolichos lablab*
Wellman, F. L., 1935
- Dracaena sanderiana*
Brierley, Philip and Floyd F. Smith, 1944
- Ecballium elaterium*
Jagger, I.C., 1918
- Emilia sonchifolia*
Adsuar, Jose and A. Cruz Miret, 1950
- Eriogonum fasciculatum*
Bennett, C. W., 1944
- Erythronium spp.*
Brierley, Philip and Floyd F. Smith, 1944
- Euphorbia marginata*
Wellman, F. L., 1935
- Euphorbia pulcherrima*
Wellman, F. L., 1935
- Ferula communis*
Wellman, F. L., 1935
- Freesia hybrida*
Brierley, Philip and Floyd F. Smith, 1944
- Gaillardia pulchella*
Wellman, F. L., 1935
- Galtonia candicans*
Brierley, Philip and Floyd F. Smith, 1944
- Gerardia divaricata*
Wellman, F. L., 1935
- Gladoliolus lemoinei*
Wellman, F. L., 1935

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Glycine hispida*
Vasudeva, R. Sahai and T.B. Lal, 1943
- Glycine max*
Anderson, C.W., 1955
Bridgmon, G.H. and J.C. Walker, 1952
Costa, A.S., 1944
Harter, L.L., 1938
Johnson, E.M., 1930
Wellman, F.L., 1935
Whipple, O.C. and J.C. Walker, 1941
- Gomphrena globosa*
Wellman, F.L., 1935
- Gossypium hirsutum*
Wellman, F.L., 1935
- Gossypium spp.*
Celino, Martin S., 1940
- Gypsophila paniculata*
Wellman, F.L., 1935
- Haworthia altilinea*
Brierley, Philip and Floyd F. Smith, 1944
- Hedychium coronarium*
Brierley, Philip and Floyd F. Smith, 1944
Celino, Martin S., 1940
- Helichrysum bracteatum*
Wellman, F.L., 1935
- Heliotropium peruvianum*
Wellman, F.L., 1935
- Hemerocallis flava*
Wellman, F.L., 1935
- Hibiscus esculentus*
Wellman, F.L., 1935
- Hibiscus rosa-sinensis*
Wellman, F.L., 1935
- Holcus sorghum*
Adsuar, Jose and A. Cruz Miret, 1950
- Hordeum vulgare*
McWhorter, F.P. and H.H. Millsap, 1954
Wellman, F.L., 1935
- Hosta plantaginea*
Brierley, Philip and Floyd F. Smith, 1944
- Hymenocallis spp.*
Wellman, F.L., 1935
- Iberis umbellata*
Wellman, F.L., 1935
- Impatiens balsamina*
Doolittle, S.P. and W.J. Zaumeyer, 1953
Wellman, F.L., 1935
- Ionoxalis violacea*
Wellman, F.L., 1935
- Ipomoea batatas*
Doolittle, S.P. and L.L. Harter, 1945
- Ipomoea quinquefolia*
Adsuar, Jose and A. Cruz Miret, 1950
- Iris filifolia*
Brierley, Philip and Floyd F. Smith, 1944
- Iris germanica*
Brierley, Philip and Frank P. McWhorter, 1936
- Iris pallida*
Brierley, Philip and Floyd F. Smith, 1944
- Iris versicolor*
Brierley, Philip and Floyd F. Smith, 1944
- Isotoma longiflora*
Adsuar, Jose and A. Cruz Miret, 1950
- Jussiaea angustifolia*
Adsuar, Jose and A. Cruz Miret, 1950
- Kniphofia tuckii*
Brierley, Philip and Floyd F. Smith, 1944
- Kochia scoparia*
Wellman, F.L., 1935
- Lactuca sativa*
Burnett, G., 1934
Govier, D.A., 1957
Nienow, Inez, 1948
- Lactuca sativa var. capitata*
Ainsworth, G.C., 1940
Wellman, F.L., 1935
- Lactuca sativa var. crispa*
Wellman, F.L., 1935
- Lactuca sativa var. longifolia*
Wellman, F.L., 1935
- Lagenaria siceraria* (*Lagenaria leucantha*)
Nariani, T.K. and Nirmaljit Singh, 1952

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Lamium amplexicaule*
Burnett, G., 1934
- Lantana sellowiana*
Wellman, F.L., 1935
- Lathyrus odoratus*
Bhargava, K.S., 1951
Harter, L.L., 1938
Wellman, F.L., 1935
- Lens esculenta*
Harter, L.L., 1938
- Leonotis nepetaefolia*
Adsuar, Jose and A. Cruz Miret, 1950
- Lepidium virginicum*
Wellman, F.L., 1935
- Lilium davidii*
Brierley, Philip, 1940
- Lilium hansonii*
Brierley, Philip, 1940
Brierley, Philip and Floyd F. Smith, 1944
- Lilium henryi*
Brierley, Philip and Floyd F. Smith, 1944
- Lilium humboldtii*
Brierley, Philip and Floyd F. Smith, 1944
- Lilium martagon* var. *album* x *Lilium hansonii*
Brierley, Philip, 1940
- Lilium nepalense*
Brierley, Philip, 1940
- Lilium pardalinum*
Brierley, Philip and Floyd F. Smith, 1944
- Lilium pardalinum* var. *giganteum**
Brierley, Philip, 1940
- Lilium parryi*
Brierley, Philip and Floyd F. Smith, 1944
- Lilium parvum*
Brierley, Philip and Floyd F. Smith, 1944
- Lilium sargentiae*
Brierley, Philip and Floyd F. Smith, 1944
- Lilium superbum*
Brierley, Philip and Floyd F. Smith, 1944
- Limonium latifolium*
Wellman, F.L., 1935
- Linaria canadensis*
Wellman, F.L., 1935
- Linaria floridana*
Wellman, F.L., 1935
- Lobelia erinus*
Wellman, F.L., 1935
- Lobularia maritima*
Wellman, F.L., 1935
- Luffa aegyptiaca* (*Luffa cylindrica*)
Nariani, T.K. and Nirmaljit Singh, 1952
- Lupinus albus*
Harter, L.L., 1938
- Lupinus hirsutus*
Wellman, F.L., 1935
- Lupinus mutabilis*
McKnight, T., 1953
- Lupinus polyphyllus*
Govier, D.A., 1957
- Lycopersicon esculentum*
Doolittle, S.P. and W.W. Gilbert, 1918
McKnight, T., 1953
Vasudeva, R. Sahai and T.B. Lal, 1943
- Lycopersicon lycopersicum**
Adsuar, Jose and A. Cruz Miret, 1950
- Malva rotundifolia*
Burnett, G., 1934
- Manihot esculenta* (*Manihot ultissima*)
Wellman, F.L., 1935
- Matthiola incana*
Govier, D.A., 1957
Wellman, F.L., 1935
- Medeola virginica*
Brierley, Philip and Floyd F. Smith, 1944
- Medicago sativa*
Doolittle, S.P. and W.J. Zaumeyer, 1953
Hagedorn, D.J. and J.C. Walker, 1954
Simons, John N., 1957
- Melilotus alba*
Bridgmon, G.H. and J.C. Walker, 1952
- Melilotus officinalis*
Whipple, O.C. and J.C. Walker, 1941

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Mentha spicata*
Wellman, F.L., 1935
- Mirabilis jalapa*
Adsuar, Jose and A. Cruz Miret, 1950
Wellman, F.L., 1935
- Momordica charantia*
Adsuar, Jose and A. Cruz Miret, 1950
- Moraea iridioides*
Brierley, Philip and Floyd F. Smith, 1944
- Musa balbisiana*
Bernardo, Fernando A. and Dioscoro L. Umali, 1956
- Musa banksii*
Bernardo, Fernando A. and Dioscoro L. Umali, 1956
- Musa cavendishii*
Brierley, Philip and Floyd F. Smith, 1944
Celino, M.S. and Aureo L. Martinez, 1956
- Musa ornatus*
Bernardo, Fernando A. and Dioscoro L. Umali, 1956
- Musa paradisiaca*
Adsuar, Jose and A. Cruz Miret, 1950
- Musa paradisiaca* subsp. *sapientum*
Adsuar, Jose and A. Cruz Miret, 1950
- Musa paradisiaca* subsp. *sapientum* var. *cinerea*
Celino, Martin S., 1940
- Musa paradisiaca* subsp. *sapientum* var. *lacatan*
Celino, Martin S., 1940
- Musa paradisiaca* subsp. *sapientum* var. *suaveolens*
Celino, Martin S., 1940
- Musa sapientum* var. *compressa* *
Celino, Martin S., 1940
- Musa textilis*
Brierley, Philip and Floyd F. Smith, 1944
- Musa textilis* x *Musa balbisiana*
Umali, D.L., F.A. Bernardo and G.O. Ocfemia, 1956
- Muscari polyanthum*
Brierley, Philip and Floyd F. Smith, 1944
- Myosotis scorpioides*
Wellman, F.L., 1935
- Narcissus tazetta*
Wellman, F.L., 1935
- Nicotiana glauca*
Johnson, J., 1926, 1927
- Nicotiana glutinosa*
Adsuar, Jose and A. Cruz Miret, 1950
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
- Nicotiana rustica*
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
- Nicotiana tabacum*
Adsuar, Jose and A. Cruz Miret, 1950
Doolittle, S.P. and W.W. Gilbert, 1918
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
McKnight, T., 1953
McWhorter, F.P. and H.H. Millsap, 1954
Vasudeva, R. Sahai and T.B. Lal, 1943
- Nigella damascena*
Wellman, F.L., 1935
- Nothoscordum fragrans*
Brierley, Philip and Floyd F. Smith, 1944
- Ophiopogon jaburan*
Brierley, Philip and Floyd F. Smith, 1944
- Ornithogalum thyrsoides*
Brierley, Philip and Floyd F. Smith, 1944
Smith, Floyd F. and Philip Brierley, 1944
- Oryza sativa*
Adsuar, Jose and A. Cruz Miret, 1950
McWhorter, F.P. and H.H. Millsap, 1954
Wellman, F.L., 1935
- Panicum barbinode*
Wellman, F.L., 1935
- Papaver orientale*
Wellman, F.L., 1935
- Papaver rhoes*
Wellman, F.L., 1935
- Papaver somniferum*
Wellman, F.L., 1935
- Parthenium argentatum*
Severin, Henry H.P., 1945

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Pelargonium zonale*
Govier, D.A., 1957
- Petunia hybrida*
Vasudeva, R. Sahai and T.B. Lal, 1943
- Petunia violacea*
Johnson, J., 1926
- Phaseolus calcaratus*
Harter, L.L., 1938
- Phaseolus limensis*
Simons, John N., 1957
Wellman, F.L., 1935
- Phaseolus lunatus*
Adsuar, Jose and A. Cruz Miret, 1950
- Phaseolus vulgaris*
Adsuar, Jose and A. Cruz Miret, 1950
Anderson, C.W., 1951
Berkeley, G.H., 1953
Bridgmon, G.H. and J.C. Walker, 1952
Brierley, Philip, 1952
Doolittle, S.P. and W.W. Gilbert, 1918
Govier, D.A., 1957
Harter, L.L., 1936, 1938
Johnson, E.M., 1930
Milbrath, J.A. and Roy A. Young, 1956
Nienow, Inez, 1948
Pound, Glenn S. and J.C. Walker, 1948
Simons, John N., 1957
Wellman, F.L., 1934, 1935
Whipple, O.C. and J.C. Walker, 1941
- Philodendron* spp.
Brierley, Philip and Floyd F. Smith, 1944
- Physalis angulata*
Adsuar, Jose and A. Cruz Miret, 1950
- Phytolacca decandra*
Govier, D.A., 1957
Johnson, J., 1926, 1927
- Piaropus crassipes*
Wellman, F.L., 1935
- Pisum sativum*
Berkeley, G.H., 1953
Bridgmon, G.H. and J.C. Walker, 1952
Burnett, G., 1934
Govier, D.A., 1957
Harter, L.L., 1938
Johnson, E.M., 1930
Wellman, F.L., 1935
- Plantago major*
Adsuar, Jose and A. Cruz Miret, 1950
- Plantago* spp.
Wellman, F.L., 1935
- Poa pratensis*
Wellman, F.L., 1935
- Polygonum aviculare*
Harter, L.L., 1938
- Polypodium vulgare*
Wellman, F.L., 1935
- Pontederia cordata*
Wellman, F.L., 1935
- Portulaca grandiflora*
Wellman, F.L., 1935
- Primula vulgaris*
Govier, D.A., 1957
- Psidium guajava*
Wellman, F.L., 1935
- Raphanus sativus*
Burnett, G., 1934
Johnson, E.M., 1930
Wellman, F.L., 1935
- Reseda odorata*
Wellman, F.L., 1935
- Ricinus communis*
Bennett, C.W., 1944
Wellman, F.L., 1935
- Rivina humilis aurantica* *
Adsuar, Jose and A. Cruz Miret, 1950
- Rosa* spp.
Wellman, F.L., 1935
- Rosa laevigata*
Wellman, F.L., 1935
- Ruellia tuberosa*
Adsuar, Jose and A. Cruz Miret, 1950

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Rumex occidentalis
Nienow, Inez, 1948
- Saccharum officinarum
Wellman, F.L., 1935
- Salpiglossis sinuata
Wellman, F.L., 1935
- Salvia splendens
Wellman, F.L., 1935
- Sansevieria thrysiflora
Wellman, F.L., 1935
- Sansevieria zeylanica
Brierley, Philip and Floyd F. Smith, 1944
- Schizanthus pinnatus
Wellman, F.L., 1935
- Sechium edule
Adsuar, Jose and A. Cruz Miret, 1950
- Senecio cruentus
Govier, D.A., 1957
- Sida carpinifolia
Adsuar, Jose and A. Cruz Miret, 1950
- Smilacina racemosa
Brierley, Philip and Floyd F. Smith, 1944
- Smilax spp.
Brierley, Philip and Floyd F. Smith, 1944
- Solanum caribaicum
Adsuar, Jose and A. Cruz Miret, 1950
- Solanum dulcamara
Govier, D.A., 1957
- Solanum melongena
Adsuar, Jose and A. Cruz Miret, 1950
- Burnett, G., 1934
- Johnson, J., 1926
- Solanum pseudocapsicum
Burnett, G., 1934
- Wellman, F.L., 1935
- Solanum tuberosum
Bhargava, K.S., 1951
- Burnett, G., 1934
- Dykstra, T.P., 1939
- Nariani, T.K. and Nirmaljit Singh, 1952
- Wellman, F.L., 1935
- Sonchus oleraceus
Wellman, F.L., 1935
- Sorghum vulgare
McWhorter, F.P. and H.H. Millsap, 1954
- Spinacia oleracea
Burnett, G., 1934
- Stenotaphrum secundatum
Wellman, F.L., 1935
- Tigridia pavonia
Brierley, Philip and Floyd F. Smith, 1944
- Tillandsia fasciculata
Wellman, F.L., 1935
- Trachymene caerulea
Wellman, F.L., 1935
- Tragopogon porrifolius
Wellman, F.L., 1935
- Tricholaena repens (*Tricholaena rosea*)
Wellman, F.L., 1935
- Tricyrtis hirta
Brierley, Philip and Floyd F. Smith, 1944
- Trifolium hybridum
Harter, L.L., 1938
- Trifolium incarnatum
Bridgmon, G.H. and J.C. Walker, 1952
- Trifolium pratense
Bridgmon, G.H. and J.C. Walker, 1952
- Costa, A.S., 1944
- Doolittle, S.P. and W.J. Zaumeyer, 1953
- Trifolium repens
Doolittle, S.P. and W.J. Zaumeyer, 1953
- Wellman, F.L., 1935
- Whipple, O.C. and J.C. Walker, 1941
- Trillium spp.
Brierley, Philip and Floyd F. Smith, 1944
- Triticum aestivum
McWhorter, F.P. and H.H. Millsap, 1954
- Tritonia crocata
Brierley, Philip and Floyd F. Smith, 1944
- Tulipa gesneriana
Wellman, F.L., 1935

VIRUS

V. CUCUMBER MOSAIC (cont.)

- Typha angustifolia
Wellman, F.L., 1935
- Uvularia sessilifolia
Brierley, Philip and Floyd F. Smith, 1944
- Valerianoides jamaicensis
Adsuar, Jose and A. Cruz Miret, 1950
- Vallota purpurea
Brierley, Philip and Floyd F. Smith, 1944
- Verbena hybrida
Wellman, F.L., 1935
- Vicia faba
Adsuar, Jose and A. Cruz Miret, 1950
- Anderson, C.W., 1951
- Harter, L.L., 1936
- Whipple, O.C. and J.C. Walker, 1941
- Vicia sativa
Harter, L.L., 1938
- Vicia villosa
Harter, L.L., 1938
- Vigna sinensis
Anderson, C.W., 1951
- Govier, D.A., 1957
- Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
- Simons, John N., 1957
- Wellman, F.L., 1934, 1935
- Vigna unguiculata
Adsuar, Jose and A. Cruz Miret, 1950
- Vasudeva, R. Sahai and T.B. Lal, 1943
- Viola floridana
Wellman, F.L., 1935
- Viola odorata
Wellman, F.L., 1935
- Viola primulifolia
Wellman, F.L.; 1935
- Viola tricolor
Burnett, G., 1934
- Govier, D.A., 1957
- Wellman, F.L., 1935
- Xanthosoma spp.
Wellman, F.L., 1935
- Xanthoxalis corniculata
Wellman, F.L., 1935
- Yucca baccata
Brierley, Philip and Floyd F. Smith, 1944
- Yucca flaccida
Brierley, Philip and Floyd F. Smith, 1944
- Yucca gloriosa
Wellman, F.L., 1935
- Zea mays
Adsuar, Jose and A. Cruz Miret, 1950
- Harter, L.L., 1938
- Zinnia elegans
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956

V. (CUCUMBER) O.S.C. ISOLATE 606 *

- Beta vulgaris
Porter, Clark A. and Frank P. McWhorter, 1951
- Capsicum frutescens (*Capsicum annuum*)
Porter, Clark A. and Frank P. McWhorter, 1951
- Citrullus vulgaris
Porter, Clark A. and Frank P. McWhorter, 1951
- Cucumis melo
Porter, Clark A. and Frank P. McWhorter, 1951
- Cucurbita moschata
Porter, Clark A. and Frank P. McWhorter, 1951
- Nicotiana tabacum
Porter, Clark A. and Frank P. McWhorter, 1951
- Phaseolus vulgaris
Porter, Clark A. and Frank P. McWhorter, 1951
- Trifolium subterraneum
Porter, Clark A. and Frank P. McWhorter, 1951
- Trifolium pratense
Porter, Clark A. and Frank P. McWhorter, 1951
- Vicia faba
Porter, Clark A. and Frank P. McWhorter, 1951
- Zinnia elegans
Porter, Clark A. and Frank P. McWhorter, 1951
- Porter, Clark A. and Frank P. McWhorter, 1951

V. CUCUMBER WESTERN MOSAIC *

- Parthenium argentatum
Severin, Henry H.P., 1945

VIRUS

V. CUCURBIT MOSAIC *

- Citrullus vulgaris*
Doolittle, S.P. and M.N. Walker, 1925
Cuscuta campestris
Johnson, Folke, 1941

V. DAHLIA MOSAIC Brierley 1933

- Cichorium endivia*
Brierley, Philip and Floyd F. Smith, 1950
Coreopsis lanceolata
Brierley, Philip and Floyd F. Smith, 1950
Cosmos bipinnatus
Brierley, Philip and Floyd F. Smith, 1950
Cucumis sativus
Brierley, Philip and Floyd F. Smith, 1950
Cynara cardunculus
Brierley, Philip and Floyd F. Smith, 1950
Doronicum caucasicum
Brierley, Philip and Floyd F. Smith, 1950
Lactuca sativa
Brierley, Philip and Floyd F. Smith, 1950
Rudbeckia serotina
Brierley, Philip and Floyd F. Smith, 1950
*Rudbeckia serotina f. pulcherrima**
Brierley, Philip and Floyd F. Smith, 1950
Tithonia rotundifolia
Brierley, Philip and Floyd F. Smith, 1950

V. DANDELION YELLOW MOSAIC Kassanis 1944

- Apium graveolens*
Kassanis, B., 1947
Calendula officinalis
Kassanis, B., 1947
Cichorium intybus
Kassanis, B., 1947
Nicotiana glutinosa
Kassanis, B., 1947
Nicotiana tabacum
Kassanis, B., 1947
Pastinaca sativa
Kassanis, B., 1947
Petroselinum sativum
Kassanis, B., 1947
Sonchus oleraceus
Kassanis, B., 1947

V. DATURA DISTORTION MOSAIC Capoor and Varma

- Beta vulgaris* 1952
Capoor, S.P. and P.M. Varma, 1952
Cassia sophera
Capoor, S.P. and P.M. Varma, 1952
Crotalaria juncea
Capoor, S.P. and P.M. Varma, 1952
Cucumis sativus
Capoor, S.P. and P.M. Varma, 1952
Dahlia pinnata
Capoor, S.P. and P.M. Varma, 1952
Dolichos lablab
Capoor, S.P. and P.M. Varma, 1952
Glycine max
Capoor, S.P. and P.M. Varma, 1952
Hibiscus esculentus
Capoor, S.P. and P.M. Varma, 1952
Lagenaria vulgaris
Capoor, S.P. and P.M. Varma, 1952
Luffa acutangula
Capoor, S.P. and P.M. Varma, 1952
*Nicotiana atropurpureum**
Capoor, S.P. and P.M. Varma, 1952
Phaseolus limensis
Capoor, S.P. and P.M. Varma, 1952
Phaseolus lunatus f. macrocarpus
Capoor, S.P. and P.M. Varma, 1952
Phaseolus vulgaris
Capoor, S.P. and P.M. Varma, 1952
Physalis alkekengi
Capoor, S.P. and P.M. Varma, 1952
Physalis peruviana
Capoor, S.P. and P.M. Varma, 1952
Solanum melongena
Capoor, S.P. and P.M. Varma, 1952
Solanum nigrum
Capoor, S.P. and P.M. Varma, 1952

VIRUS

V. Datura distortion MOSAIC (cont.)

- Solanum nodiflorum*
Capoor, S.P. and P.M. Varma, 1952
Spinacia oleracea
Capoor, S.P. and P.M. Varma, 1952
Tagetes erecta
Capoor, S.P. and P.M. Varma, 1952
Vicia faba
Capoor, S.P. and P.M. Varma, 1952
Vigna sinensis
Capoor, S.P. and P.M. Varma, 1952
Viola odorata
Capoor, S.P. and P.M. Varma, 1952
Zinnia elegans
Capoor, S.P. and P.M. Varma, 1952

V. DOCK MOSAIC Grainger and Cockerham 1930

- Lactuca sativa*
Newhall, A.G., 1923

V. DODDER LATENT MOSAIC Bennett 1944

- Amaranthus graecizans*
Bennett, C.W., 1944
Amaranthus retroflexus
Bennett, C.W., 1944
Atropa belladonna
Bennett, C.W., 1944
Brassica oleracea
Bennett, C.W., 1944
Cucurbita maxima
Bennett, C.W., 1944
Cucurbita pepo
Bennett, C.W., 1944
Cuscuta californica
Bennett, C.W., 1944
Cuscuta campestris
Bennett, C.W., 1944
Cuscuta subinclusa
Bennett, C.W., 1944
Datura meteloides
Bennett, C.W., 1944
Datura stramonium
Bennett, C.W., 1944
Daucus carota
Bennett, C.W., 1944
Eriogonum fasciculatum
Bennett, C.W., 1944
Hieracium argutum
Bennett, C.W., 1944
Lactuca sativa
Bennett, C.W., 1944
Matthiola incana
Bennett, C.W., 1944
Melilotus indica
Bennett, C.W., 1944
Nicotiana sylvestris
Bennett, C.W., 1944
Pastinaca sativa
Bennett, C.W., 1944
Phaseolus vulgaris
Bennett, C.W., 1944
Pisum sativum
Bennett, C.W., 1944
Sisymbrium irio
Bennett, C.W., 1944
Solanum gilo
Bennett, C.W., 1944
Solanum integrifolium
Bennett, C.W., 1944
Stellaria media
Bennett, C.W., 1944
Verbascum thapsus
Bennett, C.W., 1944

V. EGGPLANT MOSAIC Ferguson 1951

- Apium graveolens*
Dale, W.T., 1954
Cucumis sativus
Ferguson, I.A.C., 1951
Cucurbita pepo
Dale, W.T., 1954
Ferguson, I.A.C., 1951

VIRUS

- V. EGGPLANT MOSAIC (cont.)
Nicotiana alata var. *grandiflora*
 Ferguson, I.A.C., 1951
Nicotiana chinensis
 Ferguson, I.A.C., 1951
Nicotiana rustica
 Ferguson, I.A.C., 1951
Nicotiana sanderae
 Ferguson, I.A.C., 1951
Nicotiana sylvestris
 Ferguson, I.A.C., 1951
Nicotiana tabacum
 Ferguson, I.A.C., 1951
Zinnia elegans
 Dale, W.T., 1954
- V. ELM MOSAIC Swingle et al. 1941
Prunus serrulata
 Callahan, Kemper L. and J. Duain Moore, 1957
- V. ERYNGIUM YELLOW MOSAIC *
Lycopersicon esculentum
 Johnson, James and Edith M. Hein, 1948
- V. EUPHORBIA MOSAIC Costa and Bennett 1950
Acanthospermum hispidum
 Costa, A.S. and C.W. Bennett, 1950
Amaranthus caudatus
 Costa, A.S. and C.W. Bennett, 1950
Antirrhinum majus
 Costa, A.S. and C.W. Bennett, 1950
Brassica pekinensis
 Costa, A.S. and C.W. Bennett, 1950
Calendula officinalis
 Costa, A.S. and C.W. Bennett, 1950
Callistephus chinensis
 Costa, A.S. and C.W. Bennett, 1950
Canavalia ensiformis
 Costa, A.S. and C.W. Bennett, 1950
Celosia argentea
 Costa, A.S. and C.W. Bennett, 1950
Centaurea cyanus
 Costa, A.S. and C.W. Bennett, 1950
Chrysanthemum cinerariifolium
 Costa, A.S. and C.W. Bennett, 1950
Delphinium spp.
 Costa, A.S. and C.W. Bennett, 1950
Erigeron bonariensis
 Costa, A.S. and C.W. Bennett, 1950
Euphorbia pilulifera
 Costa, A.S. and C.W. Bennett, 1950
Gossypium hirsutum
 Costa, A.S. and C.W. Bennett, 1950
Impatiens balsamina
 Costa, A.S. and C.W. Bennett, 1950
Ipomoea spp.
 Costa, A.S. and C.W. Bennett, 1950
Lycopersicon esculentum
 Costa, A.S. and C.W. Bennett, 1950
Manihot esculenta (*Manihot utilissima*)
 Costa, A.S. and C.W. Bennett, 1950
Papaver spp.
 Costa, A.S. and C.W. Bennett, 1950
Physalis spp.
 Costa, A.S. and C.W. Bennett, 1950
Raphanus sativus
 Costa, A.S. and C.W. Bennett, 1950
Ricinus communis
 Costa, A.S. and C.W. Bennett, 1950
Sida rhombifolia
 Costa, A.S. and C.W. Bennett, 1950
Silene pendula
 Costa, A.S. and C.W. Bennett, 1950
Solanum tuberosum
 Costa, A.S. and C.W. Bennett, 1950
Tagetes spp.
 Costa, A.S. and C.W. Bennett, 1950
Tropaeolum majus
 Costa, A.S. and C.W. Bennett, 1950
Vinca rosea
 Costa, A.S. and C.W. Bennett, 1950
Viola tricolor
 Costa, A.S. and C.W. Bennett, 1950

VIRUS

- V. EUPHORBIA MOSAIC (cont.)
Zinnia elegans
 Costa, A.S. and C.W. Bennett, 1950
- V. FIG MOSAIC Condit and Horne 1933
Ficus palmata
 Condit, I.J. and W.T. Horne, 1933
- V. FILAREE RED LEAF Frazier 1951
Apium graveolens var. *dulce*
 Frazier, Norman W., 1951
Beta vulgaris
 Frazier, Norman W., 1951
Brassica oleracea var. *botrytis*
 Frazier, Norman W., 1951
Callistephus chinensis
 Frazier, Norman W., 1951
Cicer arietinum
 Frazier, Norman W., 1951
Cucumis sativus
 Frazier, Norman W., 1951
Cucurbita pepo
 Frazier, Norman W., 1951
Fragaria chiloensis var. *ananassa*
 Frazier, Norman W., 1951
Glycine max
 Frazier, Norman W., 1951
Lathyrus odoratus
 Frazier, Norman W., 1951
Lycopersicon esculentum
 Frazier, Norman W., 1951
Matthiola incana
 Frazier, Norman W., 1951
Medicago sativa
 Frazier, Norman W., 1951
Nicotiana glutinosa
 Frazier, Norman W., 1951
Nicotiana tabacum
 Frazier, Norman W., 1951
Pelargonium hortorum
 Frazier, Norman W., 1951
Phaseolus vulgaris
 Frazier, Norman W., 1951
Pisum sativum
 Frazier, Norman W., 1951
Plantago major
 Frazier, Norman W., 1951
Spinacia oleracea
 Frazier, Norman W., 1951
Trifolium pratense
 Frazier, Norman W., 1951
Trifolium repens
 Frazier, Norman W., 1951
Vicia faba
 Frazier, Norman W., 1951
Vicia villosa
 Frazier, Norman W., 1951
Vigna sinensis
 Frazier, Norman W., 1951
Vitis californica
 Frazier, Norman W., 1951
- V. GLADIOOLUS *
Antirrhinum majus
 Snow, Gordon F., 1955
Cucumis sativus
 Snow, Gordon F., 1955
Melilotus alba
 Snow, Gordon F., 1955
Nicotiana tabacum
 Snow, Gordon F., 1955
Trifolium pratense
 Snow, Gordon F., 1955
Vicia faba
 Snow, Gordon F., 1955
Zinnia elegans
 Snow, Gordon F., 1955
- V. HENBANE MOSAIC K.M. Smith 1957
Ageratum officinalis *
 Hamilton, Marion A., 1932
Atropa belladonna
 Hamilton, Marion A., 1932

- VIRUS**
- V. HENBANE MOSAIC (cont.)
- Brassica oleracea*
Hamilton, Marion A., 1932
 - Brassica rapa*
Hamilton, Marion A., 1932
 - Myosotis sylvaticum*
Hamilton, Marion A., 1932
 - Raphanus raphanstrum*
Hamilton, Marion A., 1932
 - Reseda odorata*
Hamilton, Marion A., 1932
 - Solanum dulcamara*
Hamilton, Marion A., 1932
 - Solanum melongena*
Hamilton, Marion A., 1932
 - Solanum nodiflorum*
Hamilton, Marion A., 1932
 - Solanum tuberosum*
Hamilton, Marion A., 1932
- V. HIBISCUS YELLOW VEIN MOSAIC Capoor and Varma
- Abutilon indicum* 1950
Capoor, S.P. and P.M. Varma, 1950
 - Ageratum conyzoides*
Capoor, S.P. and P.M. Varma, 1950
 - Capsicum frutescens* (*Capsicum annuum*)
Capoor, S.P. and P.M. Varma, 1950
 - Cassia tora*
Capoor, S.P. and P.M. Varma, 1950
 - Corchorus trilocularis*
Capoor, S.P. and P.M. Varma, 1950
 - Cuscuta reflexa*
Capoor, S.P. and P.M. Varma, 1950
 - Datura alba*
Capoor, S.P. and P.M. Varma, 1950
 - Dolichos lablab*
Capoor, S.P. and P.M. Varma, 1950
 - Eclipta alba*
Capoor, S.P. and P.M. Varma, 1950
 - Euphorbia geniculata*
Capoor, S.P. and P.M. Varma, 1950
 - Gossypium peruvianum* x *Gossypium barbadense*
Capoor, S.P. and P.M. Varma, 1950
 - Hibiscus furcatus*
Capoor, S.P. and P.M. Varma, 1950
 - Hibiscus manihot*
Capoor, S.P. and P.M. Varma, 1950
 - Lycopersicon esculentum*
Capoor, S.P. and P.M. Varma, 1950
 - Medicago sativa*
Capoor, S.P. and P.M. Varma, 1950
 - Nicotiana gultinosa*
Capoor, S.P. and P.M. Varma, 1950
 - Nicotiana tabacum*
Capoor, S.P. and P.M. Varma, 1950
 - Petunia hybrida*
Capoor, S.P. and P.M. Varma, 1950
 - Phaseolus vulgaris*
Capoor, S.P. and P.M. Varma, 1950
 - Sida rhombifolia*
Capoor, S.P. and P.M. Varma, 1950
 - Solanum melongena*
Capoor, S.P. and P.M. Varma, 1950
 - Solanum nigrum*
Capoor, S.P. and P.M. Varma, 1950
 - Sonchus spp.*
Capoor, S.P. and P.M. Varma, 1950
 - Trifolium pratense*
Capoor, S.P. and P.M. Varma, 1950
 - Vernonia anthelminica*
Capoor, S.P. and P.M. Varma, 1950
 - Vigna sinensis*
Capoor, S.P. and P.M. Varma, 1950
 - Zinnia elegans*
Capoor, S.P. and P.M. Varma, 1950
- V. HIBISCUS YELLOWS *
- Gossypium barbadense*
Hendrix, J. Walter, 1950
 - Gossypium hirsutum*
Hendrix, J. Walter, 1950
 - Hibiscus esculentus*
Hendrix, J. Walter, 1950
- VIRUS**
- V. HIBISCUS YELLOWS * (cont.)
- Hibiscus sabdariffa*
Hendrix, J. Walter, 1950
 - Hibiscus tiliaceus* (*Pariti tiliaceum*)
Hendrix, J. Walter, 1950
 - Hibiscus youngianus*
Hendrix, J. Walter, 1950
 - Sida fallax*
Hendrix, J. Walter, 1950
 - Thespesia populnea* *
Hendrix, J. Walter, 1950
- V. HYDRANGEA *
- Nicotiana tabacum*
Brierley, Philip, 1954
- V. HYDRANGEA RING SPOT Brierley and Smith 1952
- Antirrhinum majus*
Brierley, Philip and Floyd F. Smith, 1952
 - Callistephus chinensis*
Brierley, Philip and Paul Lorentz, 1956, 1957
 - Capsicum frutescens* (*Capsicum annuum*)
Brierley, Philip and Paul Lorentz, 1957
 - Chrysanthemum morifolium*
Brierley, Philip and Paul Lorentz, 1957
 - Cyamopsis tetragonoloba*
Brierley, Philip and Paul Lorentz, 1956, 1957
 - Datura stramonium*
Brierley, Philip and Paul Lorentz, 1957
 - Lycopersicon esculentum*
Brierley, Philip and Paul Lorentz, 1957
 - Nicotiana glutinosa*
Brierley, Philip and Paul Lorentz, 1957
 - Nicotiana tabacum*
Brierley, Philip and Paul Lorentz, 1956, 1957
 - Petunia hybrida*
Brierley, Philip and Paul Lorentz, 1957
 - Phaseolus vulgaris*
Brierley, Philip and Paul Lorentz, 1956, 1957
 - Silene compacta*
Brierley, Philip and Paul Lorentz, 1957
 - Zinnia elegans*
Brierley, Philip and Paul Lorentz, 1957
- V. IRIS MOSAIC Brierley and McWhorter 1936
- Belamcanda chinensis*
Brierley, Philip and Floyd F. Smith, 1948
 - Lycopersicon esculentum*
Brierley, Philip and Frank P. McWhorter, 1936
 - Nicotiana tabacum*
Brierley, Philip and Frank P. McWhorter, 1936
 - Ornithogalum thyrsoides*
Smith, Floyd F. and Philip Brierley, 1944
 - Petunia hybrida*
Brierley, Philip and Frank P. McWhorter, 1936
 - Tulipa gesneriana*
Brierley, Philip and Frank P. McWhorter, 1936
- V. IRIS RING SPOT *
- Belamcanda chinensis*
Travis, R.V., 1957
- V. IRIS SPURIA MOSAIC *
- Gladiolus hortulanus*
Brierley, Philip and Floyd F. Smith, 1948
- V. KAIMI CLOVER DISEASE *
- Lathyrus odoratus*
Murakishi, Harry H., 1952
 - Medicago sativa*
Murakishi, Harry H., 1952
 - Melilotus alba*
Murakishi, Harry H., 1952
 - Melilotus officinalis*
Murakishi, Harry H., 1952
 - Pisum sativum*
Murakishi, Harry H., 1952
 - Trifolium pratense*
Murakishi, Harry H., 1952

VIRUS

- V. LETTUCE MOSAIC Jagger 1921; Ainsworth and
Brassica oleracea var. *botrytis cymosa* * Ogilvie 1939
 Ainsworth, G.C. and L. Ogilvie, 1939
- Carduus arvensis*
 Ainsworth, G.C. and L. Ogilvie, 1939
- Cineraria cruenta*
 Jones, Leon K., 1944
- Cucumis sativus*
 Ainsworth, G.C., 1940
- Ainsworth, G.C. and L. Ogilvie, 1939*
- Datura stramonium*
 Ainsworth, G.C. and L. Ogilvie, 1939
- Lycopersicon esculentum*
 Ainsworth, G.C., 1940
- Ainsworth, G.C. and L. Ogilvie, 1939*
- Nicotiana glutinosa*
 Ainsworth, G.C. and L. Ogilvie, 1939
- Nicotiana tabacum*
 Ainsworth, G.C. and L. Ogilvie, 1939
- Phaseolus vulgaris*
 Ainsworth, G.C., 1940
- Sonchus arvensis*
 Ainsworth, G.C. and L. Ogilvie, 1939
- Sonchus oleraceus*
 Ainsworth, G.C. and L. Ogilvie, 1939
- Taraxacum officinale*
 Ainsworth, G.C. and L. Ogilvie, 1939
- Trifolium pratense*
 Ainsworth, G.C., 1940
- Trifolium repens*
 Ainsworth, G.C., 1940
- V. LILAC WITCHES' BROOM Lorentz and Brierley 1953
Callistephus chinensis
 Brierley, Philip, 1955
- Cuscuta campestris*
 Brierley, Philip, 1955
- Cuscuta subinclusa*
 Brierley, Philip, 1955
- Forsythia suspensa*
 Brierley, Philip, 1955
- Fraxinus pennsylvanica*
 Brierley, Philip, 1955
- Ligustrum lucidum*
 Brierley, Philip, 1955
- Lorentz, Paul and Philip Brierley, 1953*
- Ligustrum obtusifolium* var. *regelianum*
 Brierley, Philip, 1955
- Ligustrum ovalifolium*
 Lorentz, Paul and Philip Brierley, 1953
- Nicotiana rustica*
 Brierley, Philip, 1955
- V. LILY SYMPTOMLESS Brierley and Smith 1944
Agapanthus africanus
 Brierley, Philip and Floyd F. Smith, 1944
- Allium cepa*
 Brierley, Philip and Floyd F. Smith, 1944
- Allium cernuum*
 Brierley, Philip and Floyd F. Smith, 1944
- Allium odoratum*
 Brierley, Philip and Floyd F. Smith, 1944
- Allium speciosum*
 Brierley, Philip and Floyd F. Smith, 1944
- Aloe* spp.
 Brierley, Philip and Floyd F. Smith, 1944
- Asparagus asparagooides*
 Brierley, Philip and Floyd F. Smith, 1944
- Asparagus sprengeri*
 Brierley, Philip and Floyd F. Smith, 1944
- Asphodeline lutea*
 Brierley, Philip and Floyd F. Smith, 1944
- Belamcanda chinensis*
 Brierley, Philip and Floyd F. Smith, 1944
- Brassica rapa*
 Brierley, Philip and Floyd F. Smith, 1944
- Brodiaea uniflora*
 Brierley, Philip and Floyd F. Smith, 1944
- Camassia leichtlinii*
 Brierley, Philip and Floyd F. Smith, 1944
- Commelinia coelestis*
 Brierley, Philip and Floyd F. Smith, 1944

VIRUS

- V. LILY SYMPTOMLESS (cont.)
Commelinia nudiflora
 Brierley, Philip and Floyd F. Smith, 1944
- Convallaria majalis*
 Brierley, Philip and Floyd F. Smith, 1944
- Dioscorea alata*
 Brierley, Philip and Floyd F. Smith, 1944
- Erythronium* spp.
 Brierley, Philip and Floyd F. Smith, 1944
- Freesia hybrida*
 Brierley, Philip and Floyd F. Smith, 1944
- Galtonia candicans*
 Brierley, Philip and Floyd F. Smith, 1944
- Hedychium coronarium*
 Brierley, Philip and Floyd F. Smith, 1944
- Hosta plantaginea*
 Brierley, Philip and Floyd F. Smith, 1944
- Iris filifolia*
 Brierley, Philip and Floyd F. Smith, 1944
- Iris pallida*
 Brierley, Philip and Floyd F. Smith, 1944
- Iris versicolor*
 Brierley, Philip and Floyd F. Smith, 1944
- Kniphofia tucki*
 Brierley, Philip and Floyd F. Smith, 1944
- Lilium hansonii*
 Brierley, Philip and Floyd F. Smith, 1944
- Lilium henryi*
 Brierley, Philip and Floyd F. Smith, 1944
- Lilium humboldtii*
 Brierley, Philip and Floyd F. Smith, 1944
- Lilium pardalinum*
 Brierley, Philip and Floyd F. Smith, 1944
- Lilium parryi*
 Brierley, Philip and Floyd F. Smith, 1944
- Lilium sargentiae*
 Brierley, Philip and Floyd F. Smith, 1944
- Lilium superbum*
 Brierley, Philip and Floyd F. Smith, 1944
- Lilium virginica*
 Brierley, Philip and Floyd F. Smith, 1944
- Mordaea iridioides*
 Brierley, Philip and Floyd F. Smith, 1944
- Musa cavendishii*
 Brierley, Philip and Floyd F. Smith, 1944
- Musa textilis*
 Brierley, Philip and Floyd F. Smith, 1944
- Muscari polyanthum*
 Brierley, Philip and Floyd F. Smith, 1944
- Nothoscordum fragrans*
 Brierley, Philip and Floyd F. Smith, 1944
- Ophiopogon jaburan*
 Brierley, Philip and Floyd F. Smith, 1944
- Ornithogalum thysoides*
 Brierley, Philip and Floyd F. Smith, 1944
- Philodendron* spp.
 Brierley, Philip and Floyd F. Smith, 1944
- Sansevieria zeylanica*
 Brierley, Philip and Floyd F. Smith, 1944
- Smilacina racemosa*
 Brierley, Philip and Floyd F. Smith, 1944
- Smilax* spp.
 Brierley, Philip and Floyd F. Smith, 1944
- Tigridia pavonia*
 Brierley, Philip and Floyd F. Smith, 1944
- Tricyrtis hirta*
 Brierley, Philip and Floyd F. Smith, 1944
- Trillium* spp.
 Brierley, Philip and Floyd F. Smith, 1944
- Tritonia crocata*
 Brierley, Philip and Floyd F. Smith, 1944
- Uvularia sessilifolia*
 Brierley, Philip and Floyd F. Smith, 1944
- Vallota purpurea*
 Brierley, Philip and Floyd F. Smith, 1944
- Yucca baccata*
 Brierley, Philip and Floyd F. Smith, 1944
- Yucca flaccida*
 Brierley, Philip and Floyd F. Smith, 1944

VIRUS

- V. LOVAGE MOSAIC Smith and Markham 1944
Apium graveolens
 Smith, Kenneth M. and Roy Markham, 1944
Daucus carota
 Smith, Kenneth M. and Roy Markham, 1944
Solanum tuberosum
 Smith, Kenneth M. and Roy Markham, 1944

V. LUCERNE DWARF

- Aesculus californica*
 Freitag, J.H., 1951
Amaranthus graecizans
 Porter, D.R., 1935
Ambrosia psilostachya
 Porter, D.R., 1935
Beta vulgaris
 Freitag, J.H., 1951
Bidens pilosa
 Freitag, J.H., 1951
Brassica campestris
 Freitag, J.H., 1951
Calycanthus occidentalis
 Freitag, J.H., 1951
Citrus limon
 Freitag, J.H., 1951
Citrus reticulata
 Freitag, J.H., 1951
Cotoneaster franchetii
 Freitag, J.H., 1951
Diplacus aurantiacus
 Freitag, J.H., 1951
Distichlis spicata
 Freitag, J.H., 1951
Helianthus spp.
 Freitag, J.H., 1951
Malus sylvestris
 Freitag, J.H., 1951
Malva parviflora
 Freitag, J.H., 1951
Matricaria suaveolens
 Freitag, J.H., 1951
*Philadelphus lewisii var. californicus **
 Freitag, J.H., 1951
Plantago lanceolata
 Freitag, J.H., 1951
Poa pratensis
 Freitag, J.H., 1951
Polypogon monspeliensis
 Freitag, J.H., 1951
Populus spp.
 Freitag, J.H., 1951
Portulaca oleracea
 Freitag, J.H., 1951
Prunus demissa
 Freitag, J.H., 1951
Prunus mume
 Freitag, J.H., 1951
Pseudotsuga taxifolia
 Freitag, J.H., 1951
Pyracantha angustifolia
 Freitag, J.H., 1951
Tetragonia expansa
 Freitag, J.H., 1951

V. LUCERNE MOSAIC

- Beta vulgaris*
 Kreitlow, K.W. and W.C. Price, 1949
 Thomas, H. Rex, 1951
Brassica oleracea var. capitata
 Thomas, H. Rex, 1951
Cajanus indicus
 Zaumeyer, W.J., 1938
 Zaumeyer, W.J. and B.L. Wade, 1935
Callistephus chinensis
 Kreitlow, K.W. and W.C. Price, 1949
Canavalia gladiata
 Zaumeyer, W.J. and B.L. Wade, 1935
Capsicum frutescens (Capsicum annuum)
 Johnson, E.M., 1946
 Thomas, H. Rex, 1951
 Zaumeyer, W.J., 1953
Cassia tora
 Anderson, C.W., 1954

VIRUS

- V. LUCERNE MOSAIC (cont.)
Cicer arietinum
 Zaumeyer, W.J. and B.L. Wade, 1935
Cucumis sativus
 Berkeley, G.H., 1947
 Johnson, E.M., 1946
 Kreitlow, K.W. and W.C. Price, 1949
 Zaumeyer, W.J., 1938, 1953
Cuscuta campestris
 Kreitlow, K.W. and W.C. Price, 1949
Dolichos lablab
 Zaumeyer, W.J. and B.L. Wade, 1935
Glycine max
 Zaumeyer, W.J. and B.L. Wade, 1935
Lactuca sativa
 Kreitlow, K.W. and W.C. Price, 1949
Lathyrus odoratus
 Zaumeyer, W.J., 1938
 Zaumeyer, W.J. and B.L. Wade, 1933
Lespedeza striata
 Zaumeyer, W.J., 1938
Lotus corniculatus
 Kreitlow, K.W. and W.C. Price, 1949
Lupinus albus
 Zaumeyer, W.J. and B.L. Wade, 1935
Lupinus spp.
 Kreitlow, K.W. and W.C. Price, 1949
Lycopersicon esculentum
 Berkeley, G.H., 1947
 Johnson, E.M., 1946
 Kreitlow, K.W. and W.C. Price, 1949
 Oswald, John W., 1950
 Thomas, H. Rex, 1951
 Zaumeyer, W.J., 1938, 1953
Medicago lupulina
 Kreitlow, K.W. and W.C. Price, 1949
Medicago sativa
 Johnson, E.M., 1946
 Kreitlow, K.W. and W.C. Price, 1949
 Porter, D.R., 1935
Mucuna deeringianum
 Zaumeyer, W.J., 1938
 Zaumeyer, W.J. and B.L. Wade, 1935
Nicotiana tabacum
 Porter, D.R., 1935
Parthenium argentatum
 Severin, Henry H.P., 1945
Petunia hybrida
 Zaumeyer, W.J., 1953
Phaseolus acutifolius var. latifolius
 Zaumeyer, W.J., 1938
 Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus calcaratus
 Zaumeyer, W.J., 1938
Phaseolus lunatus
 Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus lunatus f. macrocarpus
 Zaumeyer, W.J., 1938
 Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus vulgaris
 Harrison, Arthur L., 1935
Phytolacca americana
 Johnson, E.M., 1946
Pisum sativum
 Pierce, W.H., 1937
 Zaumeyer, W.J. and B.L. Wade, 1933, 1935
Solanum melongena
 Zaumeyer, W.J., 1938
Solanum tuberosum
 Thomas, H. Rex, 1951
Spinacia oleracea
 Kreitlow, K.W. and W.C. Price, 1949
 Thomas, H.R., 1953
Trifolium pratense
 Zaumeyer, W.J., 1953
Trifolium procumbens
 Kreitlow, K.W. and W.C. Price, 1949
Trifolium repens
 Zaumeyer, W.J. and B.L. Wade, 1935
Vigna sesquipedalis
 Zaumeyer, W.J. and B.L. Wade, 1935
Vigna sinensis
 Zaumeyer, W.J. and B.L. Wade, 1935

VIRUS

V. LUCERNE MOSAIC (cont.)

Zinnia elegans
Johnson, E.M., 1946
Zaumeyer, W.J., 1938

V. LUCERNE WITCHES' BROOM Edwards 1936

Astragalus canadensis
Klostermeyer, E.C. and J.D. Menzies, 1951

Astragalus cicer
Klostermeyer, E.C. and J.D. Menzies, 1951

Cuscuta campestris
Helms, Katie, 1957
Kunkel, L.O., 1952

Lathyrus pratensis
Klostermeyer, E.C. and J.D. Menzies, 1951

Lotus corniculatus
Menzies, J.D., 1946

Medicago arabica
Menzies, J.D., 1946

Medicago lacinata
Klostermeyer, E.C. and J.D. Menzies, 1951

Melilotus spp.
Menzies, J.D., 1944

Onobrychis spp.
Menzies, J.D., 1946

Onobrychis transcaucasica
Klostermeyer, E.C. and J.D. Menzies, 1951

Onobrychis vicariaefolia
Klostermeyer, E.C. and J.D. Menzies, 1951

Phaseolus vulgaris
Menzies, J.D., 1946

Robinia pseudoacacia
Menzies, J.D., 1946

Swainsona salsula
Klostermeyer, E.C. and J.D. Menzies, 1951

Trifolium fragiferum
Menzies, J.D., 1946

Trifolium hybridum
Menzies, J.D., 1946

Trifolium incarnatum
Menzies, J.D., 1946

Trifolium spp.
Menzies, J.D., 1944

Vicia variabilis
Klostermeyer, E.C. and J.D. Menzies, 1951

V. LUPINE DISEASE *

Glycine max
Weimer, J.L., 1950

Lupinus albus
Weimer, J.L., 1950

Lycopersicon esculentum
Weimer, J.L., 1950

V. MAIZE LEAF FLECK Stoner 1952

Allium cepa
Stoner, Warren N., 1952

Apium graveolens
Stoner, Warren N., 1952

Avena sativa
Stoner, Warren N., 1952

Beta vulgaris
Stoner, Warren N., 1952

Cucurbita pepo
Stoner, Warren N., 1952

Freesia refracta
Stoner, Warren N., 1952

Hordeum vulgare
Stoner, Warren N., 1952

Nicotiana tabacum
Stoner, Warren N., 1952

Saccharum officinarum
Stoner, Warren N., 1952

Sorghum vulgare
Stoner, Warren N., 1952

Sorghum vulgare var. sudanense
Stoner, Warren N., 1952

Triticum vulgare
Stoner, Warren N., 1952

Zantedeschia aethiopica
Stoner, Warren N., 1952

VIRUS

V. MAIZE STREAK Storey 1925

Dactylis glomerata
Finley, A.M., 1954

Eleusine indica
Storey, H.H. and A.P.D. McClean, 1930

Nicotiana tabacum
Finley, A.M., 1954

V. MALVA YELLOW VEIN MOSAIC *

Althaea rosea
Costa, A.S. and James E. Duffus, 1957

Beta vulgaris
Costa, A.S. and James E. Duffus, 1957

Gossypium hirsutum
Costa, A.S. and James E. Duffus, 1957

Hibiscus esculentus
Costa, A.S. and James E. Duffus, 1957

Lycopersicon esculentum
Costa, A.S. and James E. Duffus, 1957

Nicotiana tabacum
Costa, A.S. and James E. Duffus, 1957

Spinacia oleracea
Costa, A.S. and James E. Duffus, 1957

Spinacia oleracea
Costa, A.S. and James E. Duffus, 1957

V. MILKWEED MOSAIC *

Lactuca sativa
Newhall, A.G., 1923

V. MUSKMELON MOSAIC Rader et al. 1947

Allium cepa
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

Anthemis cotula
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

Apium graveolens
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

Aster spp.
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

Astragalus spp.
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

Baptisia spp.
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

Barbara vulgaris
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

Beta vulgaris
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

Brassica kabera (Brassica arvensis)
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

Brassica rapa
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

Browallia elata
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

Calendula officinalis
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

Capsicum frutescens (Capsicum annuum)
Anderson, C.W., 1954

Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

Chrysanthemum carinatum
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

Chrysanthemum segetum
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

Citrullus vulgaris
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

Coleus blumei
Rader, Wm. E., Hugh F. Fitzpatrick and E.M. Hildebrand, 1947

Datura stramonium
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956

- VIRUS**
- V. MUSKMELON MOSAIC (cont.)**
- Erysimum cheiranthoides*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Eschscholtzia californica*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Fagopyrum esculentum*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Glycine max*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Hyocystamus albus*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Hyocystamus niger*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Lactuca sativa*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Malva moschata*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Mentha spicata*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Nicotiana glutinosa*
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
 - Nicotiana rustica*
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Nicotiana tabacum*
Anderson, C.W., 1954
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Petunia hybrida*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Phaseolus lunatus*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Phaseolus vulgaris*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Portulaca oleracea*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Raphanus sativus*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Rorippa palustris*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Rudbeckia hirta*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Secale cereale*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Solanum melongena*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Solanum tuberosum*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Spinacia oleracea*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Trifolium pratense*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Triticum aestivum*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Tropaeolum majus*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Verbascum blattaria*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
- VIRUS**
- V. MUSKMELON MOSAIC (cont.)**
- Verbascum thapsus*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Vigna sinensis*
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Vinca rosea*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Zea mays*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Zebrina pendula*
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
 - Zinnia elegans*
Anderson, C.W., 1954
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
Rader, Wm. E., Hugh F. Fitzpatrick and E.M.
Hildebrand, 1947
- V. NARCISSUS MOSAIC** McWhorter and Weiss 1932;
- Allium cepa* Haasis, Frank A., 1939
 - Amaryllis spp.* Haasis, Frank A., 1939
 - Cooperia spp.* Haasis, Frank A., 1939
 - Hypoxis spp.* Haasis, Frank A., 1939
 - Lilium longiflorum* var. *gigantum* Haasis, Frank A., 1939
 - Pancratium maritimum* Haasis, Frank A., 1939
 - Sprekelia formosissima* Haasis, Frank A., 1939
 - Tulipa gesneriana* Haasis, Frank A., 1939
 - Zephyranthes candida* Haasis, Frank A., 1939
 - Zephyranthes carinata* Haasis, Frank A., 1939
- V. NARCISSUS WHITE STREAK ***
- Ornithogalum thyrsoides* Smith, Floyd F. and Philip Brierley, 1944
- V. NICOTIANA GLUTINOSA MOSAIC ***
- Atropa belladonna* Allard, H.A., 1916
 - Capsicum cerasiforme* Allard, H.A., 1916
 - Lathyrus odoratus* Allard, H.A., 1916
 - Lycopersicon esculentum* Allard, H.A., 1916
 - Nicotiana rustica* Allard, H.A., 1916
 - Nicotiana tabacum* Allard, H.A., 1916
 - Phytolacca decandra* Allard, H.A., 1916
 - Solanum tuberosum* Allard, H.A., 1916
- V. NICOTIANA GLUTINOSA ROOT NECROSIS ***
- Capsicum frutescens* (*Capsicum annuum*) Cetas, Robert C. and A. Frank Ross, 1952
 - Cucumis sativus* Cetas, Robert C. and A. Frank Ross, 1952
 - Datura stramonium* Cetas, Robert C. and A. Frank Ross, 1952
 - Gomphrena globosa* Cetas, Robert C. and A. Frank Ross, 1952
 - Phaseolus vulgaris* Cetas, Robert C. and A. Frank Ross, 1952
 - Solanum tuberosum* Cetas, Robert C. and A. Frank Ross, 1952
 - Vigna sinensis* Cetas, Robert C. and A. Frank Ross, 1952
 - Zinnia elegans* Cetas, Robert C. and A. Frank Ross, 1952

VIRUS

V. NOTHOSCORDUM MOSAIC McKinney 1950

- Allium cepa
 - McKinney, H.H., 1950
- Allium vineale
 - McKinney, H.H., 1950
- Avena sativa
 - McKinney, H.H., 1950
- Beta vulgaris
 - McKinney, H.H., 1950
- Cucumis sativus
 - McKinney, H.H., 1950
- Datura stramonium
 - McKinney, H.H., 1950
- Lilium formosanum *
 - McKinney, H.H., 1950
- Nicotiana tabacum
 - McKinney, H.H., 1950
- Ornithogalum thyrsoides
 - McKinney, H.H., 1950
- Phaseolus vulgaris
 - McKinney, H.H., 1950
- Sesamum indicum
 - McKinney, H.H., 1950
- Sparaxis tricolor
 - McKinney, H.H., 1950
- Triticum aestivum
 - McKinney, H.H., 1950
- Zea mays
 - McKinney, H.H., 1950

V. ONION YELLOW DWARF Melhus et al. 1929; Drake, Harris and Tate 1932

- Allium canadense
 - Henderson, W.J., 1935
- Allium fistulosum
 - Brierley, Philip and Floyd F. Smith, 1946
 - Brierley, Philip and Floyd F. Smith, 1946
- Allium porrum
 - Henderson, W.J., 1935
- Allium sativum
 - Henderson, W.J., 1935
- Allium schoenoprasum
 - Henderson, W.J., 1935
- Amaranthus retroflexus
 - Henderson, W.J., 1935
- Asclepias syriaca
 - Henderson, W.J., 1935
- Beta vulgaris
 - Henderson, W.J., 1935
- Canna generalis
 - Henderson, W.J., 1935
- Chenopodium album
 - Henderson, W.J., 1935
- Cucumis sativus
 - Henderson, D.M., 1953
 - Henderson, W.J., 1935
- Cucurbita moschata
 - Henderson, W.J., 1935
- Datura stramonium
 - Henderson, D.M., 1953
- Gladiolus spp.
 - Henderson, W.J., 1935
- Hyacinthus orientalis
 - Henderson, W.J., 1935
- Iris persica
 - Henderson, W.J., 1935
- Lilium auratum
 - Henderson, W.J., 1935
- Lilium candidum
 - Henderson, W.J., 1935
- Lilium longiflorum
 - Henderson, W.J., 1935
- Lilium regale
 - Henderson, W.J., 1935
- Lilium speciosum
 - Henderson, W.J., 1935
- Lilium tigrinum
 - Henderson, W.J., 1935
- Medicago sativa
 - Henderson, W.J., 1935

VIRUS

V. ONION YELLOW DWARF (cont.)

- Melilotus alba
 - Henderson, W.J., 1935
 - Muhlenbergia mexicana
 - Henderson, W.J., 1935
 - Narcissus poeticus
 - Henderson, W.J., 1935
 - Nicotiana glutinosa
 - Henderson, D.M., 1953
 - Nicotiana tabacum
 - Henderson, D.M., 1953
 - Ornithogalum thyrsoides
 - Smith, Floyd F. and Philip Brierley, 1944
 - Phaseolus vulgaris
 - Henderson, W.J., 1935
 - Plantago major
 - Henderson, W.J., 1935
 - Setaria lutescens
 - Henderson, W.J., 1935
 - Trifolium pratense
 - Henderson, W.J., 1935
 - Tulipa gesneriana
 - Henderson, W.J., 1935
 - Zea indentata
 - Henderson, W.J., 1935
- V. ORCHID (CATTLEYA) MOSAIC Jensen 1949
- Tropaeolum majus
 - Jensen, D.D., 1949
- V. ORCHID (CYMBIDIUM) MOSAIC Jensen 1950
- Apium graveolens
 - Jensen, D.D., 1951
 - Beta vulgaris
 - Jensen, D.D., 1951
 - Brassica chinensis
 - Jensen, D.D., 1951
 - Brassica oleracea var. botrytis
 - Jensen, D.D., 1951
 - Callistephus chinensis
 - Jensen, D.D., 1951
 - Cattleya trianaei
 - Jensen, D.D., 1951
 - Cucurbita maxima
 - Jensen, D.D., 1951
 - Cyclamen persicum (Cyclamen indicum)
 - Jensen, D.D., 1951
 - Datura meteloides
 - Jensen, D.D. and A.H. Gold, 1955
 - Erodium moschatum
 - Jensen, D.D., 1951
 - Fragaria bracteata
 - Jensen, D.D., 1951
 - Freesia refracta
 - Jensen, D.D., 1951
 - Glycine max
 - Jensen, D.D., 1951
 - Lycopersicon esculentum
 - Jensen, D.D., 1951
 - Nicotiana glutinosa
 - Jensen, D.D., 1951
 - Nicotiana tabacum
 - Jensen, D.D., 1951
 - Phaseolus vulgaris
 - Jensen, D.D., 1951
 - Plantago major
 - Jensen, D.D., 1951
 - Primula obconica
 - Jensen, D.D., 1951
 - Raphanus sativus
 - Jensen, D.D., 1951
 - Rubus loganobaccus
 - Jensen, D.D., 1951
 - Trifolium incarnatum
 - Jensen, D.D., 1951
 - Tropaeolum majus
 - Jensen, D.D., 1951
 - Viola spp.
 - Jensen, D.D., 1951
 - Zea mays
 - Jensen, D.D., 1951

VIRUS

- V. ORCHID (VANDA) MOSAIC Murakishi 1950
Allium tuberosum
 Murakishi, Harry H., 1952
Anthurium andraeanum
 Murahishi, Harry H., 1952
Beta vulgaris
 Murakishi, Harry H., 1952
Brassica napus var. *chinensis* *
 Murakishi, Harry H., 1952
Callistephus chinensis
 Murakishi, Harry H., 1952
Capsicum frutescens (*Capsicum annum*)
 Murakishi, Harry H., 1952
Carica papaya
 Murakishi, Harry H., 1952
Cattleya gaskelliana
 Murakishi, Harry H., 1952
Cattleya spp.
 Murakishi, Harry H., 1952
Cattleya trianaei
 Murakishi, Harry H., 1952
Cucumis sativus
 Murakishi, Harry H., 1952
Cucurbita pepo
 Murakishi, Harry H., 1952
Dianthus caryophyllus
 Murakishi, Harry H., 1952
Glycine max
 Murakishi, Harry H., 1952
Hemerocallis flava
 Murakishi, Harry H., 1952
Hibiscus rosa-sinensis
 Murakishi, Harry H., 1952
Impatiens sultani (or sometimes *Impatiens holstii*)
 Murakishi, Harry H., 1952
Laeliocattleya spp.
 Murakishi, Harry H., 1952
Lilium longiflorum
 Murakishi, Harry H., 1952
Lycopersicon esculentum
 Murakishi, Harry H., 1952
Matthiola incana
 Murakishi, Harry H., 1952
Neomarica caerulea
 Murakishi, Harry H., 1952
Nicotiana glutinosa
 Murakishi, Harry H., 1952
Nicotiana rustica
 Murakishi, Harry H., 1952
Nicotiana tabacum
 Murakishi, Harry H., 1952
Phaseolus vulgaris
 Murakishi, Harry H., 1952
Pisum sativum
 Murakishi, Harry H., 1952
Tropaeolum majus
 Murakishi, Harry H., 1952
Vigna sinensis
 Murakishi, Harry H., 1952
Zea mays
 Murakishi, Harry H., 1952
Zinnia elegans
 Murakishi, Harry H., 1952
- V. ORCHID (ODONTOGLOSSUM) RING SPOT Jensen and Gold 1951
Apium graveolens
 Jensen, D.D. and A. Herbert Gold, 1951
Beta vulgaris
 Jensen, D.D. and A. Herbert Gold, 1951
Brassica chinensis
 Jensen, D.D. and A. Herbert Gold, 1951
Callistephus chinensis
 Jensen, D.D. and A. Herbert Gold, 1951
Cucumis sativus
 Jensen, D.D. and A. Herbert Gold, 1951
Cucurbita maxima
 Jensen, D.D. and A. Herbert Gold, 1951
Cymbidium spp.
 Jensen, D.D. and A. Herbert Gold, 1951
Cynara scolymus
 Jensen, D.D. and A. Herbert Gold, 1951
Datura stramonium
 Jensen, D.D. and A. Herbert Gold, 1951

VIRUS

- V. ORCHID (ODONTOGLOSSUM) RING SPOT (cont.)
Lactuca sativa
 Jensen, D.D. and A. Herbert Gold, 1951
Lycopersicon esculentum
 Jensen, D.D. and A. Herbert Gold, 1951
Matthiola incana var. *annua*
 Jensen, D.D. and A. Herbert Gold, 1951
Nicotiana glutinosa
 Jensen, D.D. and A. Herbert Gold, 1951
Nicotiana tabacum
 Jensen, D.D. and A. Herbert Gold, 1951
Plantago major
 Jensen, D.D. and A. Herbert Gold, 1951
Trifolium incarnatum
 Jensen, D.D. and A. Herbert Gold, 1951
Tropaeolum majus
 Jensen, D.D. and A. Herbert Gold, 1951
Vigna sinensis
 Jensen, D.D. and A. Herbert Gold, 1951
Zea mays
 Jensen, D.D. and A. Herbert Gold, 1951
Zinnia spp.
 Jensen, D.D. and A. Herbert Gold, 1951
- V. ORNITHOGALUM MOSAIC Smith and Brierley 1944
Agapanthus africanus
 Smith, Floyd F. and Philip Brierley, 1944
Allium cepa
 Smith, Floyd F. and Philip Brierley, 1944
Allium cernuum
 Smith, Floyd F. and Philip Brierley, 1944
Allium fistulosum
 Smith, Floyd F. and Philip Brierley, 1944
Allium porrum
 Smith, Floyd F. and Philip Brierley, 1944
Camassia leichtlinii
 Smith, Floyd F. and Philip Brierley, 1944
Gloriosa rothschildiana
 Smith, Floyd F. and Philip Brierley, 1944
Hyacinthus azureus
 Smith, Floyd F. and Philip Brierley, 1944
Lilium formosanum *
 Smith, Floyd F. and Philip Brierley, 1944
Lilium longiflorum
 Smith, Floyd F. and Philip Brierley, 1944
Muscari botryoides
 Smith, Floyd F. and Philip Brierley, 1944
Nicotiana tabacum
 Smith, Floyd F. and Philip Brierley, 1944
Pancratium maritimum
 Smith, Floyd F. and Philip Brierley, 1944
Scilla peruviana
 Smith, Floyd F. and Philip Brierley, 1944
Tritonia crocata
 Smith, Floyd F. and Philip Brierley, 1944
Tulipa gesneriana
 Smith, Floyd F. and Philip Brierley, 1944
Zephyranthes spp.
 Smith, Floyd F. and Philip Brierley, 1944
- V. PANAX RING SPOT Aragaki et al. 1953
Lycopersicon esculentum
 Aragaki, M., H. Murakishi and J.W. Hendrix, 1953
Nicotiana glutinosa
 Aragaki, M., H. Murakishi and J.W. Hendrix, 1953
Tropaeolum majus
 Aragaki, M., H. Murakishi and J.W. Hendrix, 1953
- V. PANICUM MOSAIC *
Agropyron elongatum
 Sill, W.H., Jr. and R.C. Pickett, 1957
Agropyron repens
 Sill, W.H., Jr. and R.C. Pickett, 1957
Aster spp.
 Sill, W.H., Jr. and R.C. Pickett, 1957
Avena sativa
 Sill, W.H., Jr. and R.C. Pickett, 1957
Bromus inermis
 Sill, W.H., Jr. and R.C. Pickett, 1957

VIRUS

V. PANICUM MOSAIC * (cont.)

- Cyperus esculentus*
Sill, W.H., Jr. and R.C. Pickett, 1957
Dactylis glomerata
Sill, W.H., Jr. and R.C. Pickett, 1957
Eleusine indica
Sill, W.H., Jr. and R.C. Pickett, 1957
Gomphrena globosa
Sill, W.H., Jr. and R.C. Pickett, 1957
Hordeum vulgare
Sill, W.H., Jr. and R.C. Pickett, 1957
Lolium spp.
Sill, W.H., Jr. and R.C. Pickett, 1957
Nicotiana glutinosa
Sill, W.H., Jr. and R.C. Pickett, 1957
Nicotiana tabacum
Sill, W.H., Jr. and R.C. Pickett, 1957
Panicum depauperatum
Sill, W.H., Jr. and R.C. Pickett, 1957
Panicum maximum
Sill, W.H., Jr. and R.C. Pickett, 1957
Paspalum spp.
Sill, W.H., Jr. and R.C. Pickett, 1957
Pennisetum glaucum
Sill, W.H., Jr. and R.C. Pickett, 1957
Phalaris arundinacea
Sill, W.H., Jr. and R.C. Pickett, 1957
Secale cereale
Sill, W.H., Jr. and R.C. Pickett, 1957
Sorghum vulgare
Sill, W.H., Jr. and R.C. Pickett, 1957
Triticum aestivum
Sill, W.H., Jr. and R.C. Pickett, 1957
Vinca rosea
Sill, W.H., Jr. and R.C. Pickett, 1957
Zea mays
Sill, W.H., Jr. and R.C. Pickett, 1957

V. PAPAW MOSAIC Capoor and Varma 1948

- Abelmoschus esculentus*
Adsuar, Jose, 1950
Adenopodium gossypifolium
Adsuar, Jose, 1950
Amaranthus cruentus
Adsuar, Jose, 1950
Amaranthus dubius
Adsuar, Jose, 1950
Beta vulgaris
Adsuar, Jose, 1950
Bidens cynapiifolia
Adsuar, Jose, 1950
Capsicum frutescens (Capsicum annuum)
Adsuar, Jose, 1950
Catharanthus roseus
Adsuar, Jose, 1950
Citrullus citrullus
Adsuar, Jose, 1950
Cleome spinosa
Adsuar, Jose, 1950
Coleus lanuginosus
Adsuar, Jose, 1950
Crassina elegans
Adsuar, Jose, 1950
Cucumis sativus
Adsuar, Jose, 1950
Cucurbita lagenaria
Adsuar, Jose, 1950
Cucurbita moschata
Adsuar, Jose, 1950
Cucurbita pepo
Adsuar, Jose, 1950
Datura stramonium
Adsuar, Jose, 1950
Emilia sonchifolia
Adsuar, Jose, 1950
Ipomoea crassicalvis
Adsuar, Jose, 1950
Ipomoea pes-caprae
Adsuar, Jose, 1950
Ipomoea quinquefolia
Adsuar, Jose, 1950
Ipomoea rubra
Adsuar, Jose, 1950

VIRUS

V. PAPAW MOSAIC (cont.)

- Isotoma longiflora*
Adsuar, Jose, 1950
Jussiaea angustifolia
Adsuar, Jose, 1950
Leontotis nepetaefolia
Adsuar, Jose, 1950
Luffa aegyptiaca (Luffa cylindrica)
Adsuar, Jose, 1950
Lycopersicon esculentum
Adsuar, Jose, 1950
Mirabilis jalapa
Adsuar, Jose, 1950
Momordica charantia
Adsuar, Jose, 1950
Nicotiana glutinosa
Adsuar, Jose, 1950
Nicotiana tabacum
Adsuar, Jose, 1950
Passiflora edulis
Adsuar, Jose, 1950
Passiflora foetida
Adsuar, Jose, 1950
Phaseolus lunatus
Adsuar, Jose, 1950
Phaseolus vulgaris
Adsuar, Jose, 1950
Physalis angulata
Adsuar, Jose, 1950
Plantago major
Adsuar, Jose, 1950
*Rivina humilis aurantica **
Adsuar, Jose, 1950
Ruellia tuberosa
Adsuar, Jose, 1950
Sechium edule
Adsuar, Jose, 1950
Sicana odorifera
Adsuar, Jose, 1950
Sida carpinifolia
Adsuar, Jose, 1950
Solanum caribaeum
Adsuar, Jose, 1950
Solanum melongena
Adsuar, Jose, 1950
Solanum torvum
Adsuar, Jose, 1950
Valerianoides jamaicensis
Adsuar, Jose, 1950
Vigna unguiculata
Adsuar, Jose, 1950
Zea mays
Adsuar, Jose, 1950
- V. PAPAW RING SPOT Jensen 1947
- Beta vulgaris*
Jensen, D.D., 1949
Brassica chinensis
Jensen, D.D., 1949
Capsicum frutescens (Capsicum annuum)
Jensen, D.D., 1949
Commelina diffusa
Jensen, D.D., 1949
Crotalaria incana
Jensen, D.D., 1949
Cucumis sativus
Jensen, D.D., 1949
Kalanchoe (Bryophyllum) calycinum)
Jensen, D.D., 1949
Lactuca sativa
Jensen, D.D., 1949
Lycopersicon esculentum
Jensen, D.D., 1949
Malvastrum coromandelianum
Jensen, D.D., 1949
Mirabilis jalapa
Jensen, D.D., 1949
Nicotiana tabacum
Jensen, D.D., 1949
Passiflora foetida
Jensen, D.D., 1949
Passiflora pfordtii
Jensen, D.D., 1949

VIRUS

V. PAPAW RING SPOT (cont.)

Portulaca oleracea
Jensen, D.D., 1949

Solanum tuberosum
Jensen, D.D., 1949

V. PEA DIE BACK *

Phaseolus vulgaris
Zaumeyer, W.J., 1939

V. PEA ENATION MOSAIC Pierce 1935

Apium graveolens var. *dulce*
Simons, John N., 1954

Arachis hypogaea
Osborn, H.T., 1938

Beta vulgaris
Simons, John N., 1954

Brassica juncea (*Brassica japonica*)
Simons, John N., 1954

Cicer arietinum
Johnson, Folke and Leon K. Jones, 1937

Cucumis sativus

Ainsworth, G.C., 1940

Simons, John N., 1954

Lactuca sativa var. *capitata*
Ainsworth, G.C., 1940

Lens esculenta
Johnson, Folke and Leon K. Jones, 1937

Lotus corniculatus

McEwen, F.L. and W.T. Schroeder, 1956

Lotus uliginosus

McEwen, F.L. and W.T. Schroeder, 1956

Lupinus albus
Hagedorn, D.J. and J.C. Walker, 1954

Stubbs, M.W., 1937

Lycopersicon esculentum

Ainsworth, G.C., 1940

Hagedorn, D.J. and J.C. Walker, 1954

Osborn, H.T., 1938

Simons, John N., 1954

Stubbs, M.W., 1937

Medicago lupulina

Johnson, Folke and Leon K. Jones, 1937

McEwen, F.L. and W.T. Schroeder, 1956

Medicago sativa

Hagedorn, D.J. and J.C. Walker, 1954

Osborn, H.T., 1938

Pierce, W.H., 1935

Simons, John N., 1954

Stubbs, M.W., 1937

Melilotus alba

Hagedorn, D.J. and J.C. Walker, 1954

Osborn, H.T., 1938

Stubbs, M.W., 1937

Melilotus officinalis

Johnson, Folke and Leon K. Jones, 1937

Pierce, W.H., 1935

Nicotiana glutinosa

Ainsworth, G.C., 1940

Chaudhuri, R.P., 1950

Hagedorn, D.J. and J.C. Walker, 1954

Osborn, H.T., 1938

Stubbs, M.W., 1937

Nicotiana langsdorffii

Osborn, H.T., 1938

Nicotiana sylvestris

Osborn, H.T., 1938

Nicotiana tabacum

Ainsworth, G.C., 1940

Chaudhuri, R.P., 1950

Hagedorn, D.J. and J.C. Walker, 1954

Johnson, Folke and Leon K. Jones, 1937

Osborn, H.T., 1938

Pierce, W.H., 1935

Simons, John N., 1954

Stubbs, M.W., 1937

Petunia hybrida

Pierce, W.H., 1935

Phaseolus aureus

Osborn, H.T., 1938

Phaseolus vulgaris

Ainsworth, G.C., 1940

Chaudhuri, R.P., 1950

VIRUS

V. PEA ENATION MOSAIC (cont.)

Phaseolus vulgaris

Hagedorn, D.J. and J.C. Walker, 1954

McEwen, F.L. and W.T. Schroeder, 1956

Osborn, H.T., 1938

Pierce, W.H., 1935, 1937

Simons, John N., 1954

Stubbs, M.W., 1936, 1937

Solanum tuberosum

Osborn, H.T., 1938

Trifolium hybridum

Hagedorn, D.J. and J.C. Walker, 1954

McEwen, F.L. and W.T. Schroeder, 1956

Osborn, H.T., 1938

Simons, John N., 1954

Stubbs, M.W., 1937

Trifolium pratense

Ainsworth, G.C., 1940

Chaudhuri, R.P., 1950

Hagedorn, D.J. and J.C. Walker, 1954

Johnson, Folke and Leon K. Jones, 1937

McEwen, F.L. and W.T. Schroeder, 1956

Osborn, H.T., 1938

Pierce, W.H., 1935

Simons, John N., 1954

Stubbs, M.W., 1936, 1937

Trifolium repens

Ainsworth, G.C., 1940

Chaudhuri, R.P., 1950

Hagedorn, D.J. and J.C. Walker, 1954

Johnson, Folke and Leon K. Jones, 1937

Osborn, H.T., 1938

Pierce, W.H., 1935

Simons, John N., 1954

Stubbs, M.W., 1937

Trifolium subterranean

Chaudhuri, R.P., 1950

Vicia faba

Chaudhuri, R.P., 1950

Johnson, Folke and Leon K. Jones, 1937

Simons, John N., 1954

Vicia sativa

Chaudhuri, R.P., 1950

Johnson, Folke and Leon K. Jones, 1937

Vicia villosa

Simons, John N., 1954

Vigna sinensis

Hagedorn, D.J. and J.C. Walker, 1954

Stubbs, M.W., 1937

V. PEA MOSAIC Doolittle and Jones 1925; Chamberlain 1936, 1937

Allium cepa

1936, 1937

Murphy, D.M. and W.H. Pierce, 1937

Apios americana (*Apios tuberosa*)

Murphy, D.M. and W.H. Pierce, 1937

Armeria formosa

Murphy, D.M. and W.H. Pierce, 1937

Aster spp.

Murphy, D.M. and W.H. Pierce, 1937

Baptisia australis

Murphy, D.M. and W.H. Pierce, 1937

Brassica oleracea var. *capitata*

Murphy, D.M. and W.H. Pierce, 1937

Bromus brizaeformis

Murphy, D.M. and W.H. Pierce, 1937

Calandula officinalis

Murphy, D.M. and W.H. Pierce, 1937

Calonyction aculeatum

Murphy, D.M. and W.H. Pierce, 1937

Campanula medium

Murphy, D.M. and W.H. Pierce, 1937

Campanula pyramidalis

Murphy, D.M. and W.H. Pierce, 1937

Cassia medsgeri

Murphy, D.M. and W.H. Pierce, 1937

Crotalaria retusa

Murphy, D.M. and W.H. Pierce, 1937

Cucumis sativus

Ainsworth, G.C., 1940

Murphy, D.M. and W.H. Pierce, 1937

Cucurbita maxima

Murphy, D.M. and W.H. Pierce, 1937

VIRUS

- V. PEA MOSAIC (cont.)
- Delphinium grandiflorum*
Murphy, D.M. and W.H. Pierce, 1937
 - Dianthus barbatus*
Murphy, D.M. and W.H. Pierce, 1937
 - Dianthus deltoides*
Murphy, D.M. and W.H. Pierce, 1937
 - Digitalis purpurea*
Murphy, D.M. and W.H. Pierce, 1937
 - Dolichos lablab*
Murphy, D.M. and W.H. Pierce, 1937
 - Dolichos lignosus*
Murphy, D.M. and W.H. Pierce, 1937
 - Geranium sanguineum*
Murphy, D.M. and W.H. Pierce, 1937
 - Glycine max*
Chaudhuri, R.P., 1950
Hagedorn, D.J. and J.C. Walker, 1954
Murphy, D.M. and W.H. Pierce, 1937
Pierce, W.H., 1935
Stubbs, M.W., 1937
 - Impatiens balsamina*
Murphy, D.M. and W.H. Pierce, 1937
 - Lactuca sativa* var. *capitata*
Ainsworth, G.C., 1940
 - Lathyrus latifolius*
Murphy, D.M. and W.H. Pierce, 1937
 - Lathyrus tuberosus*
Murphy, D.M. and W.H. Pierce, 1937
 - Lavatera trimestris*
Murphy, D.M. and W.H. Pierce, 1937
 - Linum grandiflorum*
Murphy, D.M. and W.H. Pierce, 1937
 - Lobelia* spp.
Murphy, D.M. and W.H. Pierce, 1937
 - Lotus ornithopodioides*
Murphy, D.M. and W.H. Pierce, 1937
 - Lupinus polyphyllus*
Chaudhuri, R.P., 1950
 - Lycopersicon esculentum*
Ainsworth, G.C., 1940
Chaudhuri, R.P., 1950
Hagedorn, D.J. and J.C. Walker, 1954
Osborn, H.T., 1937
Stubbs, M.W., 1937
 - Lycopersicon esculentum* var. *commune* *
Murphy, D.M. and W.H. Pierce, 1937
 - Matthiola incana*
Murphy, D.M. and W.H. Pierce, 1937
 - Medicago lupulina*
Murphy, D.M. and W.H. Pierce, 1937
 - Medicago sativa*
Chaudhuri, R.P., 1950
Hagedorn, D.J. and J.C. Walker, 1954
Murphy, D.M. and W.H. Pierce, 1937
Pierce, W.H., 1935
Stubbs, M.W., 1937
 - Melilotus alba*
Hagedorn, D.J. and J.C. Walker, 1954
Stubbs, M.W., 1937
 - Melilotus officinalis*
Osborn, H.T., 1938
 - Mesembryanthemum crystallinum*
Murphy, D.M. and W.H. Pierce, 1937
 - Mirabilis jalapa*
Murphy, D.M. and W.H. Pierce, 1937
 - Myosotis sylvatica*
Murphy, D.M. and W.H. Pierce, 1937
 - Nicotiana glutinosa*
Chaudhuri, R.P., 1950
Hagedorn, D.J. and J.C. Walker, 1954
Osborn, H.T., 1937
Stubbs, M.W., 1937
 - Nicotiana tabacum*
Chaudhuri, R.P., 1950
Hagedorn, D.J. and J.C. Walker, 1954
Murphy, D.M. and W.H. Pierce, 1937
Osborn, H.T., 1937
Pierce, W.H., 1935
Stubbs, M.W., 1937
 - Oenothera missouriensis*
Murphy, D.M. and W.H. Pierce, 1937

VIRUS

- V. PEA MOSAIC (cont.)
- Pastinaca sativa*
Murphy, D.M. and W.H. Pierce, 1937
 - Petunia hybrida*
Murphy, D.M. and W.H. Pierce, 1935
 - Phacelia campanularia*
Murphy, D.M. and W.H. Pierce, 1937
 - Phaseolus aconitifolius*
Murphy, D.M. and W.H. Pierce, 1937
 - Phaseolus aureus*
Murphy, D.M. and W.H. Pierce, 1937
Osborn, H.T., 1937
 - Phaseolus coccineus*
Murphy, D.M. and W.H. Pierce, 1937
 - Phaseolus limensis*
Murphy, D.M. and W.H. Pierce, 1937
 - Phaseolus vulgaris*
Ainsworth, G.C., 1940
Chaudhuri, R.P., 1950
Hagedorn, D.J. and J.C. Walker, 1954
Harrison, Arthur L., 1935
Murphy, D.M. and W.H. Pierce, 1937
Pierce, W.H., 1935, 1937
Stubbs, M.W., 1936, 1937
Zaumeyer, W.J. and B.L. Wade, 1936
 - Phlox drummondii*
Murphy, D.M. and W.H. Pierce, 1937
 - Physalis pubescens*
Murphy, D.M. and W.H. Pierce, 1937
 - Pueraria hirsuta*
Murphy, D.M. and W.H. Pierce, 1937
 - Raphanus sativus*
Murphy, D.M. and W.H. Pierce, 1937
 - Ricinus communis*
Murphy, D.M. and W.H. Pierce, 1937
 - Rumex acetosa*
Murphy, D.M. and W.H. Pierce, 1937
 - Saponaria vaccaria*
Murphy, D.M. and W.H. Pierce, 1937
 - Scabiosa atropurpurea*
Murphy, D.M. and W.H. Pierce, 1937
 - Setaria lutescens*
Murphy, D.M. and W.H. Pierce, 1937
 - Solanum nigrum*
Murphy, D.M. and W.H. Pierce, 1937
 - Thunbergia alata*
Murphy, D.M. and W.H. Pierce, 1937
 - Trifolium hybridum*
Hagedorn, D.J. and J.C. Walker, 1954
Stubbs, M.W., 1937
 - Trifolium medium*
Murphy, D.M. and W.H. Pierce, 1937
 - Trifolium pratense*
Ainsworth, G.C., 1940
Chaudhuri, R.P., 1950
Hagedorn, D.J. and J.C. Walker, 1954
Stubbs, M.W., 1936, 1937
Zaumeyer, W.J. and B.L. Wade, 1935
 - Trifolium repens*
Ainsworth, G.C., 1940
Chaudhuri, R.P., 1950
Hagedorn, D.J. and J.C. Walker, 1954
Murphy, D.M. and W.H. Pierce, 1937
Osborn, H.T., 1937
Pierce, W.H., 1935
Stubbs, M.W., 1937
 - Tropaeolum majus*
Murphy, D.M. and W.H. Pierce, 1937
 - Valerianella olitoria*
Murphy, D.M. and W.H. Pierce, 1937
 - Verbascum thapsus*
Murphy, D.M. and W.H. Pierce, 1937
 - Vicia villosa*
Murphy, D.M. and W.H. Pierce, 1937
 - Vigna sinensis*
Hagedorn, D.J. and J.C. Walker, 1954
Murphy, D.M. and W.H. Pierce, 1937
Stubbs, M.W., 1937, 1937
 - Viola tricolor* var. *hortensis*
Murphy, D.M. and W.H. Pierce, 1937

VIRUS

- V. PEA MOTTLE F. Johnson 1942
Barbarea vulgaris
 Johnson, Folke, 1942
Beta vulgaris
 Johnson, Folke, 1942
Brassica oleracea var. *capitata*
 Johnson, Folke, 1942
Callistephus chinensis
 Johnson, Folke, 1942
Cicer arietinum
 Johnson, F. and L.K. Jones, 1936, 1937
Cuscuta campestris
 Johnson, Folke, 1942
Datura stramonium
 Johnson, Folke, 1942
Glycine max
 Johnson, Folke, 1942
Lactuca sativa
 Johnson, Folke, 1942
Lilium formosanum *
 Johnson, Folke, 1942
Lycopersicon esculentum
 Johnson, Folke, 1942
Nicotiana glutinosa
 Johnson, Folke, 1942
Nicotiana rustica
 Johnson, Folke, 1942
Nicotiana sylvestris
 Johnson, Folke, 1942
Nicotiana tabacum
 Johnson, Folke, 1942
 Johnson, Folke and Leon K. Jones, 1937
Plantago lanceolata
 Johnson, Folke, 1942
Plantago major
 Johnson, Folke, 1942
Raphanus sativus
 Johnson, Folke, 1942
Rumex acetosella
 Johnson, Folke, 1942
Solanum nigrum
 Johnson, Folke, 1942
Taraxacum officinale
 Johnson, Folke, 1942
Vigna sinensis
 Johnson, Folke, 1942
Zea mays
 Johnson, Folke, 1942
Zinnia elegans
 Johnson, Folke, 1942
- V. PEA STEM STREAK *
Phaseolus vulgaris
 Zaumeyer, W.J., 1939
- V. PEA STREAK Zaumeyer and Wade 1938
Cajanus indicus
 Zaumeyer, W.J., 1938
Capsicum frutescens (*Capsicum annuum*)
 Zaumeyer, W.J., 1938
Cucumis sativus
 Zaumeyer, W.J., 1938
Datura stramonium
 Zaumeyer, W.J., 1938
Lathyrus odoratus
 Zaumeyer, W.J., 1938
Lespedeza striata
 Zaumeyer, W.J., 1938
Lupinus albus
 Zaumeyer, W.J., 1938
Lupinus luteus
 Zaumeyer, W.J., 1938
Lycopersicon esculentum
 Zaumeyer, W.J., 1938
Mucuna deeringianum
 Zaumeyer, W.J., 1938
Nicotiana tabacum
 Zaumeyer, W.J., 1938
Petunia hybrida
 Zaumeyer, W.J., 1938
Phaseolus acutifolius var. *latifolius*
 Zaumeyer, W.J., 1938

VIRUS

- V. PEA STREAK (cont.)
Phaseolus angularis
 Zaumeyer, W.J., 1938
Phaseolus aureus
 Zaumeyer, W.J., 1938
Phaseolus calcaratus
 Zaumeyer, W.J., 1938
Phaseolus lunatus
 Zaumeyer, W.J., 1938
Phaseolus lunatus f. *macrocarpus*
 Zaumeyer, W.J., 1938
Phaseolus mungo
 Zaumeyer, W.J., 1938
Phaseolus vulgaris
 Zaumeyer, W.J., 1938
Solanum melongena
 Zaumeyer, W.J., 1938
Solanum tuberosum
 Zaumeyer, W.J., 1938
Vicia villosa
 Zaumeyer, W.J., 1938
Vigna sesquipedalis
 Zaumeyer, W.J., 1938
Vigna sinensis
 Zaumeyer, W.J., 1938
Zinnia elegans
 Zaumeyer, W.J., 1938
- V. PEA WILT F. Johnson 1942
Antirrhinum majus
 Johnson, Folke, 1942
Barbarea vulgaris
 Johnson, Folke, 1942
Beta vulgaris
 Johnson, Folke, 1942
Brassica oleracea var. *capitata*
 Johnson, Folke, 1942
Callistephus chinensis
 Johnson, Folke, 1942
Cucumis sativus
 Johnson, Folke, 1942
Cuscuta campestris
 Johnson, Folke, 1942
Datura stramonium
 Johnson, Folke, 1942
Glycine max
 Johnson, Folke, 1942
Lactuca sativa
 Johnson, Folke, 1942
Lilium formosanum *
 Johnson, Folke, 1942
Lupinus hirsutus
 Johnson, Folke, 1942
Lycopersicon esculentum
 Johnson, Folke, 1942
Medicago sativa
 Johnson, Folke, 1942
Nicotiana glutinosa
 Johnson, Folke, 1942
Nicotiana rustica
 Johnson, Folke, 1942
Nicotiana sylvestris
 Johnson, Folke, 1942
Nicotiana tabacum
 Johnson, Folke, 1942
Phaseolus vulgaris
 Pierce, W.H., 1935
Plantago lanceolata
 Johnson, Folke, 1942
Plantago major
 Johnson, Folke, 1942
Raphanus sativus
 Johnson, Folke, 1942
Rumex acetosella
 Johnson, Folke, 1942
Solanum nigrum
 Johnson, Folke, 1942
Spinacia oleracea
 Johnson, Folke, 1942
Stellaria media
 Johnson, Folke, 1942
Taraxacum officinale
 Johnson, Folke, 1942

VIRUS

V. PEA WILT (cont.)

- Zea mays*
Johnson, Folke, 1942
- Zinnia elegans*
Johnson, Folke, 1942

V. PEA YELLOW MOSAIC *

- Cucumis sativus*
Ainsworth, G.C., 1940
- Lactuca sativa* var. *capitata*
Ainsworth, G.C., 1940
- Lycopersicon esculentum*
Ainsworth, G.C., 1940
- Phaseolus vulgaris*
Ainsworth, G.C., 1940
- Trifolium repens*
Ainsworth, G.C., 1940

V. PEACH BLOTCH Willison 1946

- Prunus armeniaca*
Willison, R.S., 1946
- Prunus avium*
Willison, R.S., 1946
- Prunus cerasifera*
Willison, R.S., 1946
- Prunus cerasus*
Willison, R.S., 1946
- Prunus domestica*
Willison, R.S., 1946
- Prunus mahaleb*
Willison, R.S., 1946
- Prunus salicina*
Willison, R.S., 1946

V. PEACH MOSAIC Hutchins 1932

- Cuscuta californica*
Bennett, C.W., 1944
- Cuscuta campestris*
Bennett, C.W., 1944
- Cuscuta subinclusa*
Bennett, C.W., 1944
- Prunus cerasus*
Richards, B.L. and L.C. Cochran, 1956
- Prunus fasciculata*
Richards, B.L. and L.C. Cochran, 1956
- Prunus fremontii*
Richards, B.L. and L.C. Cochran, 1956
- Prunus persica* (*Amygdalus persica*)
Bodine, E.W. and L.W. Durrell, 1941
- Prunus virginiana* var. *demissa*
Richards, B.L. and L.C. Cochran, 1956

V. PEACH NECROTIC LEAF SPOT Cation 1942

- Prunus cerasus*
Fridlund, Paul R., 1954
- Prunus persica* (*Amygdalus persica*)
Fridlund, Paul R., 1954
- Prunus tomentosa*
Fridlund, Paul R., 1954

V. PEACH RING SPOT Cochran and Hutchins 1941

- Citrullus vulgaris*
Hobbs, Gordon A., 1951
- Cucurbita maxima*
Hobbs, Gordon A., 1951
- Prunus besseyi*
Fink, Harry C., 1950, 1955
- Prunus domestica*
Moore, J. Duain and G.W. Keitt, 1944
- Prunus salicina* x *Prunus americana*
Fink, Harry C., 1950
- Prunus salicina* x *Prunus munsoniana*
Fink, Harry C., 1955

V. PEACH ROSETTE ((E.F. Smith 1891)) McClintock 1923

- Erigeron canadensis*
McClintock, J.A., 1931

V. PEACH WESTERN X DISEASE Reeves and Hutchins 1941

- Cuscuta campestris*
Weathers, Lewis G. and George W. Cochran, 1950
- Cuscuta subinclusa*
Weathers, Lewis G. and George W. Cochran, 1950

VIRUS

V. PEACH WESTERN X DISEASE (cont.)

- Prunus andersoni*
Rawlins, T.E. and H. Earl Thomas, 1941
- Prunus cerasifera*
Rawlins, T.E. and H. Earl Thomas, 1941
- Prunus domestica*
Rawlins, T.E. and H. Earl Thomas, 1941
- Prunus emarginata*
Rawlins, T.E. and H. Earl Thomas, 1941
- Prunus fremontii*
Rawlins, T.E. and H. Earl Thomas, 1941
- Prunus ilicifolia*
Rawlins, T.E. and H. Earl Thomas, 1941
- Prunus mahaleb*
Rawlins, T.E. and K.G. Parker, 1934
- Prunus marianna* *
- Rosa californica*
Rawlins, T.E. and H. Earl Thomas, 1941
- V. PEACH X DISEASE Stoddard 1938*
- Cuscuta campestris*
Hildebrand, E.M., 1953
- Cuscuta subinclusa*
Kunkel, L.O., 1944
- Schlöcker, Archie, H. Keith Wagnon and James R. Breece, 1957*
- Prunus cerasifera*
Schlöcker, Archie, H. Keith Wagnon and James R. Breece, 1957
- Prunus salicina*
Schlöcker, Archie, H. Keith Wagnon and James R. Breece, 1957
- V. PEACH YELLOW BUD MOSAIC Thomas et al. 1944*
- Prunus avium*
Schlöcker, Archie, H. Keith Wagnon and James R. Breece, 1957
- Prunus cerasifera*
Schlöcker, Archie, H. Keith Wagnon and James R. Breece, 1957
- Prunus salicina*
Schlöcker, Archie, H. Keith Wagnon and James R. Breece, 1957
- V. PELARGONIUM LEAF CURL Pape 1927*
- Lycopersicon esculentum*
Jones, Leon K., 1940
- V. PELARGONIUM RING SPOT **
- Alonsoa warscewiczii*
Hollings, M., 1957
- Amaranthus caudatus*
Hollings, M., 1957
- Antirrhinum majus*
Hollings, M., 1957
- Brassica pekinensis*
Hollings, M., 1957
- Chenopodium amaranticolor*
Hollings, M., 1957
- Cucumis sativus*
Hollings, M., 1957
- Gomphrena globosa*
Hollings, M., 1957
- Lactuca sativa*
Hollings, M., 1957
- Lavatera trimestris*
Hollings, M., 1957
- Nicandra physalodes*
Hollings, M., 1957
- Nicotiana clevelandi*
Hollings, M., 1957
- Nicotiana glutinosa*
Hollings, M., 1957
- Nicotiana rustica*
Hollings, M., 1957
- Nicotiana tabacum*
Hollings, M., 1957
- Phaseolus vulgaris*
Hollings, M., 1957
- Physalis floridana*
Hollings, M., 1957
- Tetragonia expansa*
Hollings, M., 1957

- VIRUS**
- V. FELARGONIUM RING SPOT * (cont.)
- Vicia faba
 - Hollings, M., 1957
 - Vigna sinensis
 - Hollings, M., 1957
 - Zinnia elegans
 - Hollings, M., 1957
- V. PEONY LEAF CURL *
- Antirrhinum majus
 - Brierley, Philip and Paul Lorentz, 1957
 - Dianthus barbatus
 - Brierley, Philip and Paul Lorentz, 1957
 - Gomphrena spp.
 - Brierley, Philip and Paul Lorentz, 1957
 - Silene compacta
 - Brierley, Philip and Paul Lorentz, 1957
 - Verbesina encelioides
 - Brierley, Philip and Paul Lorentz, 1957
- V. PETUNIA MOSAIC Johnson 1926
- Capsicum frutescens (*Capsicum annuum*)
 - Johnson, J., 1926, 1927
 - Solanum melongena
 - Johnson, J., 1926
- V. PHYSALIS FLORIDANA YELLOW NET Webb 1955
- Beta vulgaris
 - Webb, R.E., 1955
 - Brassica campestris var. napobrassica
 - Webb, R.E., 1955
 - Brassica oleracea var. acephala
 - Webb, R.E., 1955
 - Brassica oleracea var. botrytis
 - Webb, R.E., 1955
 - Brassica rapa
 - Webb, R.E., 1955
 - Lycopersicon esculentum
 - Webb, R.E., 1955
 - Nicotiana glutinosa
 - Webb, R.E., 1955
 - Nicotiana rustica
 - Webb, R.E., 1955
 - Nicotiana tabacum
 - Webb, R.E., 1955
 - Solanum tuberosum
 - Webb, R.E., 1955
- V. PIGEON PEA STERILITY MOSAIC Capoor 1952
- Cyamopsis psoraloides
 - Capoor, S.P., 1952
 - Datura inoxia
 - Capoor, S.P., 1952
 - Nicotiana tabacum
 - Capoor, S.P., 1952
 - Phaseolus vulgaris
 - Capoor, S.P., 1952
 - Physalis peruviana
 - Capoor, S.P., 1952
- V. POKEWEED MOSAIC *
- Cucumis sativus
 - Doolittle, S.P. and W.W. Gilbert, 1918
 - Datura stramonium
 - Allard, H.A., 1918
 - Lycopersicon esculentum
 - Allard, H.A., 1918
 - Nicotiana tabacum
 - Allard, H.A., 1918
 - Petunia hybrida
 - Allard, H.A., 1918
 - Physalis pubescens
 - Allard, H.A., 1918
 - Solanum nigrum
 - Allard, H.A., 1918
- VIRUS**
- V. POTATO A Murphy and McKay 1932
- Callistephus chinensis
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Capsicum frutescens (*Capsicum annuum*)
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Cucumis sativus
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Datura aegyptiaca
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Datura bernhardii
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Datura chorantha
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Datura fastuosa
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Datura ferox
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Datura metel
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Datura meteloides
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Lycopersicon esculentum
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Nicotiana glutinosa
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Nicotiana rustica
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Vasudeva, R. Sahai and C.S. Ramamoorthy, 1946
 - Nicotiana tabacum
 - Koch, Karl and James Johnson, 1935
 - Schultz, E.S. and Donald Folsom, 1923
 - Petunia hybrida
 - Vasudeva, R. Sahai and C.S. Ramamoorthy, 1946
 - Physalis angulata
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Physalis floridana
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Physalis peruviana
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Physalis pubescens
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Physalis virginiana
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Solanum andigenum *
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Solanum carolinense
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Solanum chacoense
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Solanum commersonii
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Solanum dulcamara
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Solanum integrifolium
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
 - Solanum longipedicellatum
 - MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953

VIRUS

V. POTATO A (cont.)

- Solanum nigrum*
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
Vasudeva, R. Sahai and C.S. Ramamoorthy, 1946
- Solanum nodiflorum*
Vasudeva, R. Sahai and C.S. Ramamoorthy, 1946
- Solanum polyadenium*
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- Solanum pseudocapsicum*
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- Solanum saltense*
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- Solanum schickii*
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- Solanum verrucosum*
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- Trifolium hybridum*
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- Trifolium incarnatum*
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- Trifolium pratense*
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- Trifolium repens*
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- Vigna sinensis*
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- Zinnia linearis*
MacLachlan, D.S., R.H. Larson and J.C. Walker, 1953
- V. POTATO LEAF ROLL Appel 1907
- Brassica campestris*
MacCarthy, H.R., 1954
- Brassica campestris* var. *napobrassica*
MacCarthy, H.R., 1954
- Brassica juncea* (*Brassica japonica*)
MacCarthy, H.R., 1954
- Brassica napus*
MacCarthy, H.R., 1954
- Brassica nigra*
MacCarthy, H.R., 1954
- Brassica oleracea* var. *botrytis*
MacCarthy, H.R., 1954
- Brassica oleracea* var. *capitata*
MacCarthy, H.R., 1954
- Brassica pekinensis*
MacCarthy, H.R., 1954
- Capsicum frutescens* (*Capsicum annuum*)
Dykstra, T.P., 1933
- Malva* spp.
MacCarthy, H.R., 1954
- Nicotiana tabacum*
Koch, Karl and James Johnson, 1935
Quanjer, H.M., 1920
- Physalis franchetii*
MacCarthy, H.R., 1954
- Physalis heterophylla*
MacCarthy, H.R., 1954
- Physalis ixocarpa*
MacCarthy, H.R., 1954
- Physalis peruviana*
Webb, R.E., R.H. Larson and J.C. Walker, 1952
- Physalis pubescens*
MacCarthy, H.R., 1954
Webb, R.E., R.H. Larson and J.C. Walker, 1952
- Physalis* spp.
Dykstra, T.P., 1933
- Solanum melongena*
Webb, R.E., R.H. Larson and J.C. Walker, 1952

VIRUS

V. POTATO LEAF ROLLING MOSAIC ((Schultz and Folsom 1923)) Folsom 1926; J. Johnson 1929

Nicotiana tabacum
Dykstra, T.P., 1939

V. POTATO M *

- Capsicum frutescens* (*Capsicum annuum*)
Bagnall, R.H. and R.H. Larson, 1957
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- Nicandra physalodes*
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- Nicotiana glutinosa*
Bagnall, R.H. and R.H. Larson, 1957
- Nicotiana sylvestris*
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- Nicotiana tabacum*
Bagnall, R.H. and R.H. Larson, 1957
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- Physalis floridana*
Bagnall, R.H. and R.H. Larson, 1957
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- Physalis philadelphica*
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956

V. POTATO PARACRINKLE Salaman and LePelley 1930

- Capsicum frutescens* (*Capsicum annuum*)
Bagnall, R.H. and R.H. Larson, 1957
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- Lycopersicon esculentum*
Bagnall, R.H. and R.H. Larson, 1957
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- Kassanis*, B., 1955
- Nicandra physalodes*
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- Nicotiana glutinosa*
Bagnall, R.H. and R.H. Larson, 1957
Kassanis, B., 1955
- Nicotiana sylvestris*
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- Nicotiana tabacum*
Bagnall, R.H. and R.H. Larson, 1957
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- Kassanis*, B., 1955
- Physalis floridana*
Bagnall, R.H. and R.H. Larson, 1957
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
- Solanum melongena*
Bagnall, R.H. and R.H. Larson, 1957
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956

V. POTATO SPINDLE TUBER K.M. Smith 1957

- Datura stramonium*
Goss, R.W., 1931
- Nicandra physalodes*
Goss, R.W., 1931
- Physalis heterophylla*
Goss, R.W., 1931
- Solanum lycopersicum*
Goss, R.W., 1931

V. POTATO STEM MOTTLER Rozendaal 1947

- Cuscuta campestris*
Van der Want, J.P.H., 1955
- Cuscuta subinclusa*
Van der Want, J.P.H., 1955

V. POTATO YELLOW DWARF Barrus and Chupp 1922

- Cucumis sativus*
Hougas, R.W., 1951

VIRUS

V. POTATO YELLOW DWARF (cont.)

- Medicago sativa*
Black, L.M., 1943
Phaseolus lunatus
Hougas, R.W., 1951
Vigna sinensis
Hougas, R.W., 1951

V. POTATO X K.M. Smith 1931

- Atropa belladonna*
Cockerham, George, 1943
Dennis, R.W.G., 1939
Brassica hirta (*Brassica alba*)
Johnson, E.M., 1930
Brassica oleracea
Johnson, E.M., 1930
Brassica rapa var. *depressa**
Johnson, E.M., 1930
Capsicum frutescens (*Capsicum annuum*)
Dykstra, T.P., 1933
Glycine max
Johnson, E.M., 1930
Lagenaria vulgaris
Vasudeva, R. Sahai and T.B. Lal, 1944
Lycium barbarum
Cockerham, George, 1943
Nicotiana glauca
Johnson, James, 1927
Petunia hybrida
Vasudeva, R. Sahai and T.B. Lal, 1944
Phaseolus vulgaris
Folsom, Donald and Reiner Bonde, 1937
Johnson, E.M., 1930
Physalis francheti
Smith, J. Henderson, 1928
Phytolacca decandra
Johnson, James, 1927
Pisum sativum
Johnson, E.M., 1930
Raphanus sativus
Johnson, E.M., 1930
Solanum dulcamara
Dykstra, T.P., 1933
Solanum melongena var. *esculentum*
Smith, J. Henderson, 1928
Solanum tuberosum
Hamilton, Marion A., 1932
Johnson, James, 1927

V. POTATO Y Smith 1931

- Ananas comosus*
Sakimura, K., 1953
Atropa belladonna
Cockerham, George, 1943
Beta vulgaris
Johnson, E.M., 1930
Brassica hirta (*Brassica alba*)
Johnson, E.M., 1930
Brassica oleracea
Johnson, E.M., 1930
Brassica oleracea var. *capitata*
Bawden, F.C. and F.M.L. Sheffield, 1944
Brassica oleracea var. *gemmifera*
Bawden, F.C. and F.M.L. Sheffield, 1944
Brassica rapa var. *depressa**
Johnson, E.M., 1930
Capsicum frutescens (*Capsicum annuum*)
Cockerham, George, 1943
Dykstra, T.P., 1933
Cassia tora
Anderson, C.W., 1954
Cucumis sativus
Alvarez-Garcia, L.A. and Jose Adsuar, 1943
Bald, J.G. and D.O. Norris, 1945
Johnson, E.M., 1930
Roque, Arturo and Jose Adsuar, 1941
Datura aegyptiaca
Darby, J.F., R.H. Larson and J.C. Walker, 1951
Datura fastuosa
Darby, J.F., R.H. Larson and J.C. Walker, 1951
Datura meteloides
Darby, J.F., R.H. Larson and J.C. Walker, 1951

VIRUS

V. POTATO Y (cont.)

- Datura stramonium*
Anderson, C.W. and M.K. Corbett, 1957
Bagnall, R.H., R.H. Larson and J.C. Walker, 1956
Bald, J.G. and D.O. Norris, 1945
Bawden, F.C. and B. Kassanis, 1951
Bawden, F.C. and F.M.L. Sheffield, 1944
Cockerham, George, 1943
Conover, Robert A. and Robert W. Fulton, 1953
Dennis, R.W.G., 1939
Dykstra, T.P., 1933
Johnson, E.M., 1930
Jones, Leon K. and C.L. Vincent, 1937
Koch, K.L., 1933
Roque, Arturo and Jose Adsuar, 1941
Smith, Kenneth M. and R.W.G. Dennis, 1940
Vasudeva, R. Sahai and T.B. Lal, 1945
Datura stramonium var. *chalybea**
Sakimura, K., 1953
Datura stramonium var. *tatula*
Darby, J.F., R.H. Larson and J.C. Walker, 1951
Dykstra, T.P., 1933
Emilia sonchifolia
Sakimura, K., 1953
Glycine max
Johnson, E.M., 1930
Gomphrena globosa
Ross, A. Frank, 1950
Lycopersicon esculentum
Hamilton, Marion A., 1932
Nicandra physalodes
Johnson, E.M., 1930
Nicotiana repanda
Roque, Arturo and Jose Adsuar, 1941
Nicotiana sylvestris
Roque, Arturo and Jose Adsuar, 1941
Nicotiana tabacum
Dennis, R.W.G., 1939
Phaseolus lunatus
Roque, Arturo and Jose Adsuar, 1941
Phaseolus vulgaris
Bald, J.G. and D.O. Norris, 1945
Johnson, E.M., 1930
Peterson, Paul D. and H.H. McKinney, 1938
Roque, Arturo and Jose Adsuar, 1941
Physalis longifolia
Koch, K.L., 1933
Phytolacca decandra
Johnson, E.M., 1930
Johnson, James, 1927
Pisum sativum
Bald, J.G. and D.O. Norris, 1945
Johnson, E.M., 1930
Raphanus sativus
Johnson, E.M., 1930
Schizanthus retusus
Smith, Kenneth M. and R.W.G. Dennis, 1940
Solanum antipovitzii
Easton, G.D., R.H. Larson and R.W. Hougas, 1958
Solanum carolinense
Johnson, E.M., 1930
Koch, K.L., 1933
(*Solanum demissum* x *Solanum goniocalyx*) x (*Solanum stoloniferum*)
Easton, G.D., R.H. Larson and R.W. Hougas, 1958
(*Solanum demissum* x *Solanum rybinii*) x (*Solanum stoloniferum*)
Easton, G.D., R.H. Larson and R.W. Hougas, 1958
(*Solanum demissum* x *Solanum soukupii*) x (*Solanum stoloniferum*)
Easton, G.D., R.H. Larson and R.W. Hougas, 1958
Solanum dulcamara
Dykstra, T.P., 1933
Solanum melongena
Koch, K.L., 1933
Solanum nigrum
Easton, G.D., R.H. Larson and R.W. Hougas, 1958

VIRUS

V. POTATO Y (cont.)

Solanum nodiflorum

Roque, Arturo and Jose Adsuar, 1941

Smith, Kenneth M. and R. W. G. Dennis, 1940

Solanum tuberosum

Hamilton, Marion A., 1932

Roque, Arturo and Jose Adsuar, 1941

Vicia faba

Bald, J. G. and D. O. Norris, 1945

Vigna sinensis

Alvarez-Garcia, L.A. and Jose Adsuar, 1943

Bald, J. G. and D. O. Norris, 1945

Zinnia elegans

Bald, J. G. and D. O. Norris, 1945

V. PRIMULA MOSAIC

Anagallis arvensis

Tompkins, C.M. and John T. Middleton, 1941

Anemone coronaria

Tompkins, C.M. and John T. Middleton, 1941

Antirrhinum majus

Tompkins, C.M. and John T. Middleton, 1941

Apium graveolens

Tompkins, C.M. and John T. Middleton, 1941

Apium graveolens var. dulce

Severin, Henry H.P. and C.M. Tompkins, 1950

Begonia semperflorens

Tompkins, C.M. and John T. Middleton, 1941

Bellis perennis

Tompkins, C.M. and John T. Middleton, 1941

Beta vulgaris

Severin, Henry H.P. and C.M. Tompkins, 1950

Brassica oleracea var. botrytis

Tompkins, C.M. and John T. Middleton, 1941

Brassica oleracea var. capitata

Tompkins, C.M. and John T. Middleton, 1941

Brassica pekinensis

Tompkins, C.M. and John T. Middleton, 1941

Brassica rapa

Tompkins, C.M. and John T. Middleton, 1941

Callistephus chinensis

Tompkins, C.M. and John T. Middleton, 1941

Campanula medium

Tompkins, C.M. and John T. Middleton, 1941

Capsicum frutescens var. grossum

Tompkins, C.M. and John T. Middleton, 1941

Cucumis sativus

Severin, Henry H.P. and C.M. Tompkins, 1950

Tompkins, C.M. and John T. Middleton, 1941

Cucurbita pepo

Severin, Henry H.P. and C.M. Tompkins, 1950

Cucurbita pepo var. melopepo

Tompkins, C.M. and John T. Middleton, 1941

Cyclamen persicum (Cyclamen indicum)

Tompkins, C.M. and John T. Middleton, 1941

Datura stramonium

Tompkins, C.M. and John T. Middleton, 1941

Delphinium cultorum

Tompkins, C.M. and John T. Middleton, 1941

Dianthus barbatus

Tompkins, C.M. and John T. Middleton, 1941

Gerbera jamesonii

Tompkins, C.M. and John T. Middleton, 1941

Geum chiloense

Tompkins, C.M. and John T. Middleton, 1941

Lactuca sativa var. longifolia

Tompkins, C.M. and John T. Middleton, 1941

Lobelia hybrida

Tompkins, C.M. and John T. Middleton, 1941

Lycopersicon esculentum

Severin, Henry H.P. and C.M. Tompkins, 1950

Lycopersicon esculentum var. vulgare

Tompkins, C.M. and John T. Middleton, 1941

Matthiola incana var. annua

Tompkins, C.M. and John T. Middleton, 1941

Myosotis alpestris

Tompkins, C.M. and John T. Middleton, 1941

Nicotiana glutinosa

Severin, Henry H.P. and C.M. Tompkins, 1950

Tompkins, C.M. and John T. Middleton, 1941

Nicotiana tabacum

Severin, Henry H.P. and C.M. Tompkins, 1950

Tompkins, C.M. and John T. Middleton, 1941

VIRUS

V. PRIMULA MOSAIC (cont.)

Papaver orientale

Tompkins, C.M. and John T. Middleton, 1941

Penstemon barbatus

Tompkins, C.M. and John T. Middleton, 1941

Pisum sativum

Tompkins, C.M. and John T. Middleton, 1941

Primula auricula

Tompkins, C.M. and John T. Middleton, 1941

Primula veris

Tompkins, C.M. and John T. Middleton, 1941

Ranunculus asiaticus

Tompkins, C.M. and John T. Middleton, 1941

Raphanus sativus

Tompkins, C.M. and John T. Middleton, 1941

Reseda odorata

Tompkins, C.M. and John T. Middleton, 1941

Ricinus communis

Tompkins, C.M. and John T. Middleton, 1941

Senecio cruentus

Tompkins, C.M. and John T. Middleton, 1941

Solanum tuberosum

Tompkins, C.M. and John T. Middleton, 1941

Spinacia oleracea

Tompkins, C.M. and John T. Middleton, 1941

Tagetes patula

Tompkins, C.M. and John T. Middleton, 1941

Tropaeolum majus

Tompkins, C.M. and John T. Middleton, 1941

Verbena hybrida

Tompkins, C.M. and John T. Middleton, 1941

Vicia faba

Tompkins, C.M. and John T. Middleton, 1941

Vigna sinensis

Tompkins, C.M. and John T. Middleton, 1941

Viola tricolor

Tompkins, C.M. and John T. Middleton, 1941

Zea mays

Tompkins, C.M. and John T. Middleton, 1941

V. PRUNE DWARF Thomas and Hildebrand 1936

Prunus avium

Hildebrand, E.M., 1942

Prunus cerasus

Hildebrand, E.M., 1942

Thomas, H.E. and E.M. Hildebrand, 1936

Prunus domestica

Moore, J. Duain and H.R. Cameron, 1956

Prunus persica (Amygdalus persica)

Thomas, H.E. and E.M. Hildebrand, 1936

Prunus salicina

Cochran, L.C., 1956

V. PRUNUS A *

Benincasa hispida

Fulton, Robert W., 1957

Boltonia latisquama

Fulton, Robert W., 1957

Browallia elata

Fulton, Robert W., 1957

Callistephus chinensis

Fulton, Robert W., 1957

Cassia marilandica

Fulton, Robert W., 1957

Chenopodium album

Fulton, Robert W., 1957

Coleus blumei

Fulton, Robert W., 1957

Crotalaria capensis

Fulton, Robert W., 1957

Crotalaria mucronata

Fulton, Robert W., 1957

Crotalaria spectabilis

Fulton, Robert W., 1957

Datura stramonium

Fulton, Robert W., 1957

Gleditsia triacanthos

Fulton, Robert W., 1957

Lagenaria siceraria (Lagenaria leucantha)

Fulton, Robert W., 1957

Luffa aegyptiaca (Luffa cylindrica)

Fulton, Robert W., 1957

VIRUS

- V. PRUNUS A * (cont.)
Melilotus officinalis
 Fulton, Robert W., 1957
Melothria guadalupensis
 Fulton, Robert W., 1957
Momordica charantia
 Fulton, Robert W., 1957
Nepeta cataria
 Fulton, Robert W., 1957
Nicotiana spp.
 Fulton, Robert W., 1957
Phlox drummondii
 Fulton, Robert W., 1957
Physalis aequata
 Fulton, Robert W., 1957
Plantago virginica
 Fulton, Robert W., 1957
Prunus persica (Amygdalus persica)
 Fulton, Robert W., 1957
Rheum rhaboticum
 Fulton, Robert W., 1957
Salpiglossis sinuata
 Fulton, Robert W., 1957
Solidago spp.
 Fulton, Robert W., 1957
Thunbergia alata
 Fulton, Robert W., 1957
Tithonia speciosa
 Fulton, Robert W., 1957
Verbascum thapsus
 Fulton, Robert W., 1957
Zinnia elegans
 Fulton, Robert W., 1957

V. PRUNUS B *

- Asclepias syriaca*
 Fulton, Robert W., 1957
Cassia marilandica
 Fulton, Robert W., 1957
Cassia tora
 Fulton, Robert W., 1957
Chenopodium album
 Fulton, Robert W., 1957
Crotalaria intermedia
 Fulton, Robert W., 1957
Crotalaria mucronata
 Fulton, Robert W., 1957
Cucumis prophetarum
 Fulton, Robert W., 1957
Cyamopsis tetragonoloba
 Fulton, Robert W., 1957
Gomphrena globosa
 Fulton, Robert W., 1957
Hedysarum coronarium
 Fulton, Robert W., 1957
Indigofera hirsuta
 Fulton, Robert W., 1957
Luffa aegyptiaca (Luffa cylindrica)
 Fulton, Robert W., 1957
Pisum sativum
 Fulton, Robert W., 1957
Potentilla palustris
 Fulton, Robert W., 1957
Prunus persica (Amygdalus persica)
 Fulton, Robert W., 1957
Rheum rhaboticum
 Fulton, Robert W., 1957

V. PRUNUS E *

- Asclepias syriaca*
 Fulton, Robert W., 1957
Astragalus rubyi
 Fulton, Robert W., 1957
Benincasa hispida
 Fulton, Robert W., 1957
Boltonia latisquama
 Fulton, Robert W., 1957
Callistephus chinensis
 Fulton, Robert W., 1957
Chenopodium album
 Fulton, Robert W., 1957
Citrullus colocynthis
 Fulton, Robert W., 1957

VIRUS

- V. PRUNUS E * (cont.)
Citrullus vulgaris
 Fulton, Robert W., 1957
*Citrullus vulgaris var. citroides **
 Fulton, Robert W., 1957
Crotalaria capensis
 Fulton, Robert W., 1957
Crotalaria spectabilis
 Fulton, Robert W., 1957
Cynoglossum amabile
 Fulton, Robert W., 1957
Gleditsia triacanthos
 Fulton, Robert W., 1957
Gomphrena globosa
 Fulton, Robert W., 1957
Hedysarum coronarium
 Fulton, Robert W., 1957
Lactuca sativa
 Fulton, Robert W., 1957
Lagenaria siceraria (Lagenaria leucantha)
 Fulton, Robert W., 1957
Luffa aegyptiaca (Luffa cylindrica)
 Fulton, Robert W., 1957
Melilotus alba
 Fulton, Robert W., 1957
Melilotus indica
 Fulton, Robert W., 1957
Melilotus officinalis
 Fulton, Robert W., 1957
Momordica charantia
 Fulton, Robert W., 1957
Nepeta cataria
 Fulton, Robert W., 1957
Nicotiana spp.
 Fulton, Robert W., 1957
Nicotiana tabacum
 Fulton, Robert W., 1957
Phlox drummondii
 Fulton, Robert W., 1957
Pisum sativum
 Fulton, Robert W., 1957
Plantago virginica
 Fulton, Robert W., 1957
Potentilla palustris
 Fulton, Robert W., 1957
Prunus persica (Amygdalus persica)
 Fulton, Robert W., 1957
Rheum rhaboticum
 Fulton, Robert W., 1957
Solidago spp.
 Fulton, Robert W., 1957
Thunbergia alata
 Fulton, Robert W., 1957
Tithonia speciosa
 Fulton, Robert W., 1957
Trifolium repens
 Fulton, Robert W., 1957
Verbascum thapsus
 Fulton, Robert W., 1957
Vinca rosea
 Fulton, Robert W., 1957
Zinnia elegans
 Fulton, Robert W., 1957
- V. PRUNUS G *
- Astragalus rubyi*
 Fulton, Robert W., 1957
Boltonia latisquama
 Fulton, Robert W., 1957
Cassia marilandica
 Fulton, Robert W., 1957
Chenopodium album
 Fulton, Robert W., 1957
Citrullus colocynthis
 Fulton, Robert W., 1957
Citrullus vulgaris
 Fulton, Robert W., 1957
*Citrullus vulgaris var. citroides **
 Fulton, Robert W., 1957
Coleus blumei
 Fulton, Robert W., 1957
Crotalaria spectabilis
 Fulton, Robert W., 1957

VIRUS

- V. PRUNUS G* (cont.)
Cucurbita pepo
 Fulton, Robert W., 1957
Cynoglossum amabile
 Fulton, Robert W., 1957
Datura stramonium
 Fulton, Robert W., 1957
Gleditsia triacanthos
 Fulton, Robert W., 1957
Gossypium hirsutum
 Fulton, Robert W., 1957
Lactuca sativa
 Fulton, Robert W., 1957
Lagenaria siceraria (*Lagenaria leucantha*)
 Fulton, Robert W., 1957
Luffa aegyptiaca (*Luffa cylindrica*)
 Fulton, Robert W., 1957
Melilotus officinalis
 Fulton, Robert W., 1957
Melothria pendula
 Fulton, Robert W., 1957
Momordica charantia
 Fulton, Robert W., 1957
Nepeta cataria
 Fulton, Robert W., 1957
Nicotiana benthamiana
 Fulton, Robert W., 1957
Nicotiana spp.
 Fulton, Robert W., 1957
Phlox drummondii
 Fulton, Robert W., 1957
Plantago virginica
 Fulton, Robert W., 1957
Prunus persica (*Amygdalus persica*)
 Fulton, Robert W., 1957
Salpiglossis sinuata
 Fulton, Robert W., 1957
Sesbania sesban
 Fulton, Robert W., 1957
Solidago spp.
 Fulton, Robert W., 1957
Tithonia speciosa
 Fulton, Robert W., 1957
Trifolium repens
 Fulton, Robert W., 1957
- V. RADISH MOSAIC Tompkins 1939
Antirrhinum majus
 Tompkins, C.M., 1939
Apium graveolens
 Tompkins, C.M., 1939
Begonia semperflorens
 Tompkins, C.M., 1939
Bellis perennis
 Tompkins, C.M., 1939
Brassica campestris var. *napoensis*
 Tompkins, C.M., 1939
Brassica integrifolia var. *chevalieri**
 Tompkins, C.M., 1939
Brassica napus
 Tompkins, C.M., 1939
Callistephus chinensis
 Tompkins, C.M., 1939
Campanula medium
 Tompkins, C.M., 1939
Chrysanthemum coronarium
 Tompkins, C.M., 1939
Chrysanthemum maximum
 Tompkins, C.M., 1939
Clarkia elegans
 Tompkins, C.M., 1939
Cucumis sativus
 Tompkins, C.M., 1939
Datura stramonium
 Tompkins, C.M., 1939
Dianthus barbatus
 Tompkins, C.M., 1939
Dimorphotheca aurantiaca
 Tompkins, C.M., 1939
Gaillardia pulchella var. *picta*
 Tompkins, C.M., 1939
Geum chiloense
 Tompkins, C.M., 1939

VIRUS

- V. RADISH MOSAIC (cont.)
Godetia grandiflora
 Tompkins, C.M., 1939
Gypsophila paniculata
 Tompkins, C.M., 1939
Heliotropium peruvianum
 Tompkins, C.M., 1939
Hesperis matronalis
 Tompkins, C.M., 1939
Lactuca sativa var. *capitata*
 Tompkins, C.M., 1939
Lobelia hybrida
 Tompkins, C.M., 1939
Lunaria annua
 Tompkins, C.M., 1939
Lycopersicon esculentum var. *vulgare*
 Tompkins, C.M., 1939
Lycopersicon pimpinellifolium
 Tompkins, C.M., 1939
Matthiola incana var. *annua*
 Tompkins, C.M., 1939
Myosotis alpestris
 Tompkins, C.M., 1939
Papaver nudicaule
 Tompkins, C.M., 1939
Papaver orientale
 Tompkins, C.M., 1939
Pelargonium zonale
 Tompkins, C.M., 1939
Penstemon barbatus
 Tompkins, C.M., 1939
Petunia hybrida
 Tompkins, C.M., 1939
Pisum sativum
 Tompkins, C.M., 1939
Reseda odorata
 Tompkins, C.M., 1939
Rheum rhaboticum
 Tompkins, C.M., 1939
Ricinus communis
 Tompkins, C.M., 1939
Salvia farinacea
 Tompkins, C.M., 1939
Scabiosa atropurpurea
 Tompkins, C.M., 1939
Senecio cruentus
 Tompkins, C.M., 1939
Solanum aviculare
 Tompkins, C.M., 1939
Solanum tuberosum
 Tompkins, C.M., 1939
Tagetes erecta
 Tompkins, C.M., 1939
Tagetes patula
 Tompkins, C.M., 1939
Taraxacum officinale
 Tompkins, C.M., 1939
Tropaeolum majus
 Tompkins, C.M., 1939
Verbena hybrida
 Tompkins, C.M., 1939
Vicia faba
 Tompkins, C.M., 1939
Viola tricolor
 Tompkins, C.M., 1939
Zea mays
 Tompkins, C.M., 1939
- V. RAPE SAVOY Holmes 1939
Brassica oleracea var. *botrytis*
 Ling, Lee and Juhwa Y. Yang, 1940
Brassica oleracea var. *capitata*
 Ling, Lee and Juhwa Y. Yang, 1940
Brassica oleracea var. *caulorapa*
 Ling, Lee and Juhwa Y. Yang, 1940
Raphanus sativus
 Ling, Lee and Juhwa Y. Yang, 1940
- V. RASPBERRY ALPHA LEAF CURL
Rubus occidentalis
 Bennett, C.W., 1930
 Rankin, W. Howard, 1931

VIRUS

- V. RASPBERRY NECROTIC FERN LEAF MOSAIC
Nicotiana tabacum Chamberlain 1941
Chamberlain, G.C., 1941
- V. RASPBERRY STREAK Zeller 1923
Cuscuta spp.
Horn, Norman L., 1948
Cuscuta subinclusa
Horn, N.L. and M.W. Woods, 1949
- V. RED CLOVER MOSAIC *
Cajanus indicus
Zaumeyer, W.J. and B.L. Wade, 1935
Canavalia gladiata
Zaumeyer, W.J. and B.L. Wade, 1935
Dolichos lablab
Zaumeyer, W.J. and B.L. Wade, 1935
Glycine max
Zaumeyer, W.J. and B.L. Wade, 1935
Lathyrus odoratus
Zaumeyer, W.J. and B.L. Wade, 1935
Lupinus albus
Zaumeyer, W.J. and B.L. Wade, 1935
Medicago sativa
Elliott, J.A., 1921
Zaumeyer, W.J. and B.L. Wade, 1935
Melilotus alba
Dickson, B.T., 1922
Zaumeyer, W.J. and B.L. Wade, 1935
Melilotus officinalis
Dickson, B.T., 1922
Mucuna deeringianum
Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus acutifolius var. *latifolius*
Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus angularis
Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus calcaratus
Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus lunatus
Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus lunatus f. *macrocarpus*
Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus mungo
Zaumeyer, W.J. and B.L. Wade, 1935
Phaseolus vulgaris
Zaumeyer, W.J., 1933
Zaumeyer, W.J. and B.L. Wade, 1933, 1935
Trifolium repens
Elliott, J.A., 1921
Zaumeyer, W.J. and B.L. Wade, 1935
Vigna sesquipedalis
Zaumeyer, W.J. and B.L. Wade, 1935
Vigna sinensis
Zaumeyer, W.J. and B.L. Wade, 1935
- V. RED CLOVER VEIN MOSAIC Osborn 1937
Cucumis sativus
Hagedorn, D.J. and E.W. Hanson, 1951
Hagedorn, D.J. and J.C. Walker, 1949, 1954
Roberts, D.A., 1957
Datura stramonium
Hagedorn, D.J. and J.C. Walker, 1949, 1954
Glycine max
Hagedorn, D.J. and E.W. Hanson, 1951
Hagedorn, D.J. and J.C. Walker, 1949, 1954
Lycopersicon esculentum
Hagedorn, D.J. and E.W. Hanson, 1951
Hagedorn, D.J. and J.C. Walker, 1949, 1954
Osborn, H.T., 1937
Medicago orbicularis
Hagedorn, D.J. and J.C. Walker, 1949, 1954
Medicago sativa
Graves, Clinton H., Jr. and D.J. Hagedorn, 1956
Hagedorn, D.J. and E.W. Hanson, 1951
Hagedorn, D.J. and J.C. Walker, 1949, 1954
Osborn, H.T., 1937
Nicotiana glutinosa
Osborn, H.T., 1937
Nicotiana langsdorffii
Osborn, H.T., 1937
Nicotiana rustica
Osborn, H.T., 1937

VIRUS

- V. RED CLOVER VEIN MOSAIC (cont.)
Nicotiana sylvestris
Osborn, H.T., 1937
Nicotiana tabacum
Hagedorn, D.J. and E.W. Hanson, 1951
Hagedorn, D.J. and J.C. Walker, 1949, 1954
Osborn, H.T., 1937
Roberts, D.A., 1957
Phaseolus aureus
Osborn, H.T., 1937
Phaseolus vulgaris
Hagedorn, D.J. and E.W. Hanson, 1951
Hagedorn, D.J. and J.C. Walker, 1949, 1954
Osborn, H.T., 1937
Roberts, D.A., 1957
Solanum tuberosum
Hagedorn, D.J. and J.C. Walker, 1949
Osborn, H.T., 1937
Trifolium repens
Graves, Clinton H., Jr. and D.J. Hagedorn, 1956
Hagedorn, D.J. and J.C. Walker, 1949
Vicia angustifolia
Graves, Clinton H., Jr. and D.J. Hagedorn, 1956
Vicia faba var. *major**
Hagedorn, D.J. and J.C. Walker, 1949
Vicia faba var. *minor**
Hagedorn, D.J. and J.C. Walker, 1949
Vicia villosa
Hagedorn, D.J. and J.C. Walker, 1949, 1954
Vigna sinensis
Hagedorn, D.J. and E.W. Hanson, 1951
Hagedorn, D.J. and J.C. Walker, 1949, 1954
Roberts, D.A., 1957
- V. RED Currant Ring Spot Klessner 1951
Beta vulgaris
Klessner, P.J., 1951
Brassica oleracea var. *capitata*
Klessner, P.J., 1951
*Brassica sinensis**
Klessner, P.J., 1951
Calendula officinalis
Klessner, P.J., 1951
Cucurbita pepo
Klessner, P.J., 1951
Dahlia variabilis
Klessner, P.J., 1951
Hyoscyamus niger
Klessner, P.J., 1951
Lycium barbarum
Klessner, P.J., 1951
Medicago lupulina
Klessner, P.J., 1951
Melilotus officinalis
Klessner, P.J., 1951
Mimulus luteus
Klessner, P.J., 1951
Phaseolus vulgaris
Klessner, P.J., 1951
Phlox drummondii
Klessner, P.J., 1951
Pisum sativum
Klessner, P.J., 1951
Silybum marianum
Klessner, P.J., 1951
Solanum capsicastrum
Klessner, P.J., 1951
*Solanum capsicum**
Klessner, P.J., 1951
Tropaeolum majus
Klessner, P.J., 1951
Vicia faba
Klessner, P.J., 1951
- V. RICE AND CORN LEAF-GALL *
Chloris barbata
Agati, Julian A. and Carlos A. Calica, 1950
Digitaria macrobache
Agati, Julian A. and Carlos A. Calica, 1950
Digitaria sanguinalis
Agati, Julian A. and Carlos A. Calica, 1950
Echinochloa spp.
Agati, Julian A. and Carlos A. Calica, 1950

VIRUS

- V. RICE AND CORN LEAF-GALL * (cont.)
Eragrostis amabilis
 Agati, Julian A. and Carlos A. Calica, 1950
Panicum colonum
 Agati, Julian A. and Carlos A. Calica, 1950
Triticum vulgare
 Agati, Julian A. and Carlos A. Calica, 1950
- V. ROSE MOSAIC Weiss and McWhorter 1928
Cuscuta campestris
 Fulton, Robert W., 1952
Cuscuta gronovii
 Fulton, Robert W., 1952
Cuscuta subinclusa
 Fulton, Robert W., 1952
(Rosa chinensis x Rosa moschata) x Rosa foetida
 White, R.P., 1930
Rosa odorata
 White, R.P., 1930
Rosa polyantha
 White, R.P., 1930
- V. ROSE STREAK Brierley 1935
Rosa chinensis var. manetti
 Brierley, Philip and Floyd F. Smith, 1940
Rosa rugosa
 Brierley, Philip and Floyd F. Smith, 1940
- V. SOIL-BORNE OAT MOSAIC McKinney 1946, 1953
Zea mays
 McKinney, H.H., 1946
- V. SOIL-BORNE WHEAT MOSAIC McKinney 1925, 1953
Avena sativa
 McKinney, H.H., 1930
Hordeum vulgare
 McKinney, H.H., 1947
- V. (SOUR)CHERRY YELLOWS Keitt and Clayton 1939,
Prunus avium 1943
 Keitt, G.W. and C.N. Clayton, 1943
Prunus cistena *
 Young, H.C., Jr., 1951
Prunus domestica
 Moore, J. Duain and H.R. Cameron, 1956
 Moore, J. Duain and G.W. Keitt, 1944
- V. SOYBEAN MOSAIC Gardner and Kendrick 1921
Beta vulgaris
 Conover, Robert A., 1948
Crotalaria spectabilis
 Conover, Robert A., 1948
Lespedeza striata
 Conover, Robert A., 1948
Lupinus angustifolius
 Conover, Robert A., 1948
Lupinus luteus
 Conover, Robert A., 1948
Lycopersicon esculentum
 Conover, Robert A., 1948
Medicago sativa
 Conover, Robert A., 1948
 Pierce, W.H., 1935
Melilotus alba
 Conover, Robert A., 1948
Melilotus officinalis
 Conover, Robert A., 1948
 Pierce, W.H., 1935
Nicotiana tabacum
 Conover, Robert A., 1948
 Pierce, W.H., 1935
Petunia hybrida
 Pierce, W.H., 1935
Phaseolus aureus
 Conover, Robert A., 1948
Phaseolus coccineus
 Conover, Robert A., 1948
Phaseolus lunatus
 Conover, Robert A., 1948
Phaseolus mungo
 Conover, Robert A., 1948
Phaseolus vulgaris
 Conover, Robert A., 1948

VIRUS

- V. SOYBEAN MOSAIC (cont.)
Phaseolus vulgaris
 Harrison, Arthur L., 1935
 Kendrick, James B. and Max W. Gardner, 1924
 Pierce, W.H., 1935
Pisum sativum
 Pierce, W.H., 1935
Pisum sativum var. arvense
 Kendrick, James B. and Max W. Gardner, 1924
Pisum sativum var. saccharatum
 Pierce, W.H., 1935
Trifolium incarnatum
 Conover, Robert A., 1948
Trifolium pratense
 Kendrick, James B. and Max W. Gardner, 1924
 Pierce, W.H., 1935
Trifolium repens
 Pierce, W.H., 1935
Vicia faba
 Conover, Robert A., 1948
Vicia faba var. minor *
 Pierce, W.H., 1935
Vigna sesquipedalis
 Conover, Robert A., 1948
Vigna siensis
 Conover, Robert A., 1948
 Kendrick, James B. and Max W. Gardner, 1924
- V. SPINACH YELLOW DWARF Severin and Little 1947
Apium graveolens var. dulce
 Severin, Henry H.P. and Donald H. Little, 1947
Beta vulgaris
 Severin, Henry H.P. and Donald H. Little, 1947
Beta vulgaris var. cicla
 Severin, Henry H.P. and Donald H. Little, 1947
Brassica campestris
 Seveirn, Henry H.P. and Donald H. Little, 1947
Brassica oleracea var. capitata
 Severin, Henry H.P. and Donald H. Little, 1947
Callistephus chinensis
 Severin, Henry H.P. and Donald H. Little, 1947
Campanula medium
 Severin, Henry H.P. and Donald H. Little, 1947
Capsicum frutescens (Capsicum annuum)
 Severin, Henry H.P. and Donald H. Little, 1947
Citrullus vulgaris
 Severin, Henry H.P. and Donald H. Little, 1947
Cucumis sativus
 Severin, Henry H.P. and Donald H. Little, 1947
Cucurbita pepo
 Severin, Henry H.P. and Donald H. Little, 1947
Datura stramonium
 Severin, Henry H.P. and Donald H. Little, 1947
Foeniculum vulgare var. dulce
 Severin, Henry H.P. and Donald H. Little, 1947
Gossypium hirsutum
 Severin, Henry H.P. and Donald H. Little, 1947
Lactuca sativa
 Severin, Henry H.P. and Donald H. Little, 1947
Lupinus hartwegii
 Severin, Henry H.P. and Donald H. Little, 1947
Lycopersicon esculentum
 Severin, Henry H.P. and Donald H. Little, 1947
Matthiola incana var. annua
 Severin, Henry H.P. and Donald H. Little, 1947
Mirabilis jalapa
 Severin, Henry H.P. and Donald H. Little, 1947
Nicotiana alata var. grandiflora
 Severin, Henry H.P. and Donald H. Little, 1947
Nicotiana glutinosa
 Severin, Henry H.P. and Donald H. Little, 1947
Nicotiana tabacum
 Severin, Henry H.P. and Donald H. Little, 1947
Pelargonium zonale
 Severin, Henry H.P. and Donald H. Little, 1947
Petunia hybrida
 Severin, Henry H.P. and Donald H. Little, 1947
Primula veris
 Severin, Henry H.P. and Donald H. Little, 1947
Solanum tuberosum
 Severin, Henry H.P. and Donald H. Little, 1947
Tetragonia expansa
 Severin, Henry H.P. and Donald H. Little, 1947

- VIRUS**
- V. SQUASH MOSAIC Middleton 1949
- Alyssum saxatile
 - Freitag, J.H., 1956
 - Amaranthus retroflexus
 - Freitag, J.H., 1956
 - Antirrhinum majus
 - Freitag, J.H., 1956
 - Apium graveolens var. dulce
 - Freitag, J.H., 1956
 - Aquilegia spp.
 - Freitag, J.H., 1956
 - Arachis hypogaea
 - Freitag, J.H., 1956
 - Asclepias tuberosa
 - Freitag, J.H., 1956
 - Atriplex bracteosa
 - Freitag, J.H., 1956
 - Atriplex expansa
 - Freitag, J.H., 1956
 - Beta vulgaris
 - Freitag, J.H., 1956
 - Brassica oleracea var. botrytis
 - Freitag, J.H., 1956
 - Brassica oleracea var. capitata
 - Freitag, J.H., 1956
 - Brassica rapa
 - Freitag, J.H., 1956
 - Calendula officinalis
 - Freitag, J.H., 1956
 - Callistephus chinensis
 - Freitag, J.H., 1956
 - Campanula carpatica
 - Freitag, J.H., 1956
 - Campanula medium
 - Freitag, J.H., 1956
 - Capsicum frutescens var. grossum
 - Freitag, J.H., 1956
 - Carum carvi
 - Freitag, J.H., 1956
 - Celosia argentea
 - Freitag, J.H., 1956
 - Cheiranthus cheiri
 - Freitag, J.H., 1956
 - Chrysanthemum parthenium
 - Freitag, J.H., 1956
 - Citrullus vulgaris
 - Freitag, J.H., 1956
 - Cosmos bipinnatus
 - Freitag, J.H., 1956
 - Cynoglossum amabile
 - Freitag, J.H., 1956
 - Datura stramonium
 - Freitag, J.H., 1956
 - Dianthus caryophyllus
 - Freitag, J.H., 1956
 - Digitalis purpurea
 - Freitag, J.H., 1956
 - Dimorphotheca sinuata
 - Freitag, J.H., 1956
 - Eschscholtzia californica
 - Freitag, J.H., 1956
 - Euphorbia marginata
 - Freitag, J.H., 1956
 - Glycine max
 - Freitag, J.H., 1956
 - Gossypium hirsutum
 - Freitag, J.H., 1956
 - Hesperis matronalis
 - Freitag, J.H., 1956
 - Hibiscus esculentus
 - Freitag, J.H., 1956
 - Iberis umbellata
 - Freitag, J.H., 1956
 - Ipomoea nil
 - Freitag, J.H., 1956
 - Kochia scoparia
 - Freitag, J.H., 1956
- VIRUS**
- V. SQUASH MOSAIC (cont.)
- Lactuca sativa
 - Freitag, J.H., 1956
 - Lactuca sativa var. longifolia
 - Freitag, J.H., 1956
 - Limonium sinuatum
 - Freitag, J.H., 1956
 - Lupinus hartwegii
 - Freitag, J.H., 1956
 - Lupinus polyphyllus
 - Freitag, J.H., 1956
 - Lycopersicon esculentum
 - Freitag, J.H., 1956
 - Matthiola incana var. annua
 - Freitag, J.H., 1956
 - Medicago hispida
 - Freitag, J.H., 1956
 - Medicago sativa
 - Freitag, J.H., 1956
 - Melilotus alba
 - Freitag, J.H., 1956
 - Melilotus indica
 - Freitag, J.H., 1956
 - Melilotus officinalis
 - Freitag, J.H., 1956
 - Mirabilis jalapa
 - Freitag, J.H., 1956
 - Nasturtium officinale
 - Freitag, J.H., 1956
 - Nemophila menziesii
 - Freitag, J.H., 1956
 - Nicotiana alata var. grandiflora
 - Freitag, J.H., 1956
 - Nicotiana glauca
 - Freitag, J.H., 1956
 - Nicotiana glutinosa
 - Freitag, J.H., 1956
 - Nicotiana langsdorffii
 - Freitag, J.H., 1956
 - Nicotiana rustica
 - Freitag, J.H., 1956
 - Nicotiana rustica var. humulus *
 - Freitag, J.H., 1956
 - Nicotiana tabacum
 - Freitag, J.H., 1956
 - Pastinaca sativa
 - Freitag, J.H., 1956
 - Pelargonium zonale
 - Freitag, J.H., 1956
 - Petroselinum crispum
 - Freitag, J.H., 1956
 - Petunia hybrida
 - Freitag, J.H., 1956
 - Phaseolus limensis var. limenanus *
 - Freitag, J.H., 1956
 - Phaseolus vulgaris
 - Freitag, J.H., 1956
 - Phlox drummondii
 - Freitag, J.H., 1956
 - Pisum sativum
 - Freitag, J.H., 1956
 - Primula veris
 - Freitag, J.H., 1956
 - Rapanus sativus
 - Freitag, J.H., 1956
 - Reseda odorata
 - Freitag, J.H., 1956
 - Ricinus communis
 - Freitag, J.H., 1956
 - Rumex acetosa
 - Freitag, J.H., 1956
 - Salpiglossis sinuata
 - Freitag, J.H., 1956
 - Solanum tuberosum
 - Freitag, J.H., 1956
 - Spinacia oleracea
 - Freitag, J.H., 1956
 - Tagetes erecta
 - Freitag, J.H., 1956
 - Tagetes patula
 - Freitag, J.H., 1956

VIRUS

V. SQUASH MOSAIC (cont.)

- Trachymene caerulea*
Freitag, J.H., 1956
- Trifolium incarnatum*
Freitag, J.H., 1956
- Trifolium pratense*
Freitag, J.H., 1956
- Trifolium repens*
Freitag, J.H., 1956
- Trifolium repens* var. *latum**
Freitag, J.H., 1956
- Tropaeolum majus*
Freitag, J.H., 1956
- Vicia faba*
Freitag, J.H., 1956
- Vigna sesquipedalis*
Freitag, J.H., 1956
- Vigna sinensis*
Freitag, J.H., 1956
- Vinca rosea*
Freitag, J.H., 1956
- Zea mays*
Freitag, J.H., 1956
- Zinnia elegans*
Freitag, J.H., 1956
- Lindberg, G.D., D.H. Hall and J.C. Walker, 1956

V. SQUASH MOSAIC (SOUTHERN) Anderson 1951

- Apium graveolens* var. *dulce*
Anderson, C.W., 1951
- Beta vulgaris*
Anderson, C.W., 1951
- Capsicum frutescens* (*Capsicum annuum*)
Anderson, C.W., 1951
- Lycopersicon esculentum*
Anderson, C.W., 1951
- Nicotiana glutinosa*
Anderson, C.W., 1951
- Nicotiana tabacum*
Anderson, C.W., 1951
- Phaseolus vulgaris*
Anderson, C.W., 1951
- Vicia faba*
Anderson, C.W., 1951
- Vigna sinensis*
Anderson, C.W., 1951
- Zinnia elegans*
Anderson, C.W., 1951

V. STONE FRUIT *

- Abutilon theophrasti*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Amaranthus graecizans*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Anthemis cotula*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Arctium minus*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Asclepias syriaca*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Brassica kaber* (*Brassica arvensis*)
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Capsella bursa-pastoris*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Centaurea spp.*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Cerastium vulgatum*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Chelone glabra*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Chenopodium album*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Cichorium intybus*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Cirsium arvense*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Citrullus vulgaris*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Cucumis melo*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Cucurbita maxima*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954

VIRUS

V. STONE FRUIT * (cont.)

- Cucurbita pepo*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Cuscuta campestris*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Datura stramonium*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Echinocystis lobata* (*Micrampelis lobata*)
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Erysimum cheiranthoides*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Euphorbia esula*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Fagopyrum esculentum*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Gossypium hirsutum*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Hesperis matronalis*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Hypericum perforatum*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Iodanthus pinnatifidus*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Leonurus cardiaca*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Lychins alba*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Lycium halimifolium*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Lycopersicon esculentum*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Malva rotundifolia*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Melilotus alba*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Melilotus officinalis*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Mollugo verticillata*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Nepeta cataria*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Nicandra physalodes*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Nicotiana glutinosa*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Nicotiana rustica*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Nicotiana tabacum*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Phaseolus vulgaris*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Physalis pubescens*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Pisum sativum*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Portulaca oleracea*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Potentilla monspeliensis*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Rumex britannica*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Rumex crispus*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Sisymbrium officinale*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Solanum nigrum*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Sonchus oleraceus*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Spinacia oleracea*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Taraxacum officinale*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Thlaspi arvense*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Trifolium incarnatum*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Verbascum thapsus*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Vigna sinensis*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954
- Xanthium echinatum*
Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954

VIRUS

V. STONE FRUIT * (cont.)

Zinnia elegans

Boyle, J.S., J. Duain Moore and G.W. Keitt, 1954

V. STONE FRUIT NECROTIC RING SPOT *

Prunus domestica

Moore, J. Duain and H.R. Cameron, 1956

V. STRAWBERRY CRINKLE Zeller and Vaughan 1932

Cuscuta subinclusa

Smith, Harlan E. and J. Duain Moore, 1952

Rosa spp.

Brierley, Philip and Floyd F. Smith, 1940

V. STRAWBERRY GREEN PETAL Posnette 1953 ((May be a strain of V. Aster yellows Frazier and Posnette 1956))

Cuscuta campestris

Frazier, N.W. and A.F. Posnette, 1957

Cuscuta europaea

Frazier, N.W. and A.F. Posnette, 1957

Cuscuta subinclusa

Frazier, N.W. and A.F. Posnette, 1957

V. STRAWBERRY MOTTLE Prentice 1952

Cuscuta campestris

Demaree, J.B. and C.P. Marcus, 1951

Cuscuta gronovii

Smith, Harlan E. and J. Duain Moore, 1952

Cuscuta subinclusa

Smith, Harlan E. and J. Duain Moore, 1952

V. STRAWBERRY, TYPE 2 *

Cuscuta subinclusa

Smith, Harlan E. and J. Duain Moore, 1952

V. SUGARCANE MOSAIC Brandes 1920

Agrostis palustris

Brandes, E.W. and Peter J. Klaphaak, 1923

Andropogon elliottii

Brandes, E.W. and Peter J. Klaphaak, 1923

Andropogon scoparius

Brandes, E.W. and Peter J. Klaphaak, 1923

Andropogon virginicus

Brandes, E.W. and Peter J. Klaphaak, 1923

Avena sativa

Brandes, E.W. and Peter J. Klaphaak, 1923

Coix lachryma-jobi

Brandes, E.W. and Peter J. Klaphaak, 1923

Eleusine coracana

Brandes, E.W. and Peter J. Klaphaak, 1923

Eriochloa subglabra

Chardon, C.E. and R.A. Veve, 1923

Euchlaena mexicana

Brandes, E.W. and Peter J. Klaphaak, 1923

Holcus halepensis

Brandes, E.W. and Peter J. Klaphaak, 1923

Hordeum vulgare

Brandes, E.W. and Peter J. Klaphaak, 1923

Leptochloa filiformis

Brandes, E.W. and Peter J. Klaphaak, 1923

Misanthus sinensis var. variegatus

Brandes, E.W. and Peter J. Klaphaak, 1923

Misanthus sinensis var. zebrinus

Brandes, E.W. and Peter J. Klaphaak, 1923

Oryza sativa

Brandes, E.W. and Peter J. Klaphaak, 1923

Panicum barbinode

Brandes, E.W. and Peter J. Klaphaak, 1923

Pennisetum purpureum

Brandes, E.W. and Peter J. Klaphaak, 1923

Phleum pratense

Brandes, E.W. and Peter J. Klaphaak, 1923

*Phyllostachys pubescens **

Brandes, E.W. and Peter J. Klaphaak, 1923

Phyllostachys quilioi

Brandes, E.W. and Peter J. Klaphaak, 1923

Poa pratensis

Brandes, E.W. and Peter J. Klaphaak, 1923

Saccharum officinarum

Storey, H.H., 1929

Secale cereale

Brandes, E.W. and Peter J. Klaphaak, 1923

Setaria viridis

Brandes, E.W. and Peter J. Klaphaak, 1923

VIRUS

V. SUGARCANE MOSAIC (cont.)

Sorghastrum nutans

Brandes, E.W. and Peter J. Klaphaak, 1923

Tripsacum dactyloides

Brandes, E.W. and Peter J. Klaphaak, 1923

Triticum aestivum

Brandes, E.W. and Peter J. Klaphaak, 1923

V. SUGARCANE STREAK Storey 1925

Digitaria horizontalis

Storey, H.H. and A.P.D. McClean, 1930

Eleusine indica

Storey, H.H. and A.P.D. McClean, 1930

V. SWEET POTATO FEATHERY MOTTLE Doolittle and Cucumis sativus Harter 1945

Doolittle, S.P. and L.L. Harter, 1945

Webb, Raymon E., 1954

Datura stramonium

Doolittle, S.P. and L.L. Harter, 1945

Datura stramonium var. tatula

Webb, Raymon E., 1954

Ipomoea batatas

Doolittle, S.P. and L.L. Harter, 1945

Ipomoea cairica

Webb, Raymon E., 1954

Ipomoea nil

Webb, Raymon E., 1954

Ipomoea purpurea

Doolittle, S.P. and L.L. Harter, 1945

Ipomoea rubra

Webb, Raymon E., 1954

Ipomoea sinuata

Webb, Raymon E., 1954

Ipomoea spp.

Webb, Raymon E., 1954

Ipomoea tricolor

Webb, Raymon E., 1954

Nicandra physalodes

Webb, Raymon E., 1954

Nicotiana glutinosa

Doolittle, S.P. and L.L. Harter, 1945

Webb, Raymon E., 1954

Nicotiana rustica

Webb, Raymon E., 1954

Nicotiana sylvestris

Webb, Raymon E., 1954

Nicotiana tabacum

Doolittle, S.P. and L.L. Harter, 1945

Webb, Raymon E., 1954

Physalis floridana

Webb, Raymon E., 1954

Quamoclit coccinea

Webb, Raymon E., 1954

Quamoclit sloteri

Webb, Raymon E., 1954

Vigna sinensis

Webb, Raymon E., 1954

V. SWEET POTATO MOSAIC Sheffield 1953

Amaryllis spp.

Borders, H.I. and T.J. Ratcliff, 1954

Brassica oleracea

Borders, H.I. and T.J. Ratcliff, 1954

Capsicum frutescens (Capsicum annuum)

Borders, H.I. and T.J. Ratcliff, 1954

Cucumis sativus

Borders, H.I. and T.J. Ratcliff, 1954

Cucurbita pepo

Borders, H.I. and T.J. Ratcliff, 1954

Euphorbia pulcherrima

Borders, H.I. and T.J. Ratcliff, 1954

Ipomoea purpurea

Borders, H.I. and T.J. Ratcliff, 1954

Ipomoea spp.

Borders, H.I. and T.J. Ratcliff, 1954

Ipomoea tricolor

Borders, H.I. and T.J. Ratcliff, 1954

Lycopersicon esculentum

Borders, H.I. and T.J. Ratcliff, 1954

Nicotiana tabacum

Borders, H.I. and T.J. Ratcliff, 1954

Phaseolus vulgaris

Borders, H.I. and T.J. Ratcliff, 1954

VIRUS

V. TEASEL MOSAIC Stoner 1951

- Apium graveolens*
Stoner, Warren N., 1951
- Beta vulgaris*
Stoner, Warren N., 1951
- Cucumis sativus*
Stoner, Warren N., 1951
- Cucurbita pepo*
Stoner, Warren N., 1951
- Nicotiana tabacum*
Stoner, Warren N., 1951

V. TITHONIA ROTUNDIFOLIA MOSAIC *

- Nicotiana tabacum*
Cook, M. T., 1936

V. TOBACCO BROAD RING SPOT J. Johnson and Fulton

- Beta vulgaris* 1940
Johnson, James and Robert W. Fulton, 1942
- Citrullus vulgaris*
Johnson, James and Robert W. Fulton, 1942
- Medicago sativa*
Johnson, James and Robert W. Fulton, 1942
- Melilotus alba*
Johnson, James and Robert W. Fulton, 1942

V. TOBACCO COARSE ETCH E. M. Johnson 1930

- Beta vulgaris*
Johnson, E. M., 1930
- Brassica hirta* (*Brassica alba*)
Johnson, E. M., 1930
- Brassica oleracea*
Johnson, E. M., 1930
- Brassica rapa* var. *depressa* *
Johnson, E. M., 1930
- Capsicum frutescens* (*Capsicum annuum*)
Johnson, E. M., 1930
- Cucumis sativus*
Johnson, E. M., 1930
- Glycine max*
Johnson, E. M., 1930
- Lycopersicon esculentum*
Johnson, E. M., 1930
- Phaseolus vulgaris*
Johnson, E. M., 1930
- Pisum sativum*
Johnson, E. M., 1930
- Raphanus sativus*
Johnson, E. M., 1930
- Solanum carolinense*
Johnson, E. M., 1930

V. TOBACCO ETCH E. M. Johnson 1930

- Acalypha virginica*
Holmes, Francis O., 1946
- Adiumia fungosa*
Holmes, Francis O., 1946
- Ageratum conyzoides*
Holmes, Francis O., 1946
- Allium cepa*
Holmes, Francis O., 1946
- Althaea rosea*
Holmes, Francis O., 1946
- Amaranthus tricolor*
Holmes, Francis O., 1946
- Amaryllis* (*Hippeastrum*) *puniceum*
Holmes, Francis O., 1946
- Ambrosia trifida*
Holmes, Francis O., 1946
- Anagallis arvensis*
Holmes, Francis O., 1946
- Anchusa azurea*
Holmes, Francis O., 1946
- Anchusa capensis*
Holmes, Francis O., 1946
- Antirrhinum majus*
Holmes, Francis O., 1946
- Apium graveolens*
Anderson, C. W., 1954
- Aquilegia caerulea*
Holmes, Francis O., 1946

VIRUS

V. TOBACCO ETCH (cont.)

- Arctium lappa*
Holmes, Francis O., 1946
- Asclepias curassavica*
Holmes, Francis O., 1946
- Asclepias syriaca*
Holmes, Francis O., 1946
- Avena sativa*
Holmes, Francis O., 1946
- Barbarea vulgaris*
Holmes, Francis O., 1946
- Begonia semperflorens*
Holmes, Francis O., 1946
- Bellis perennis*
Holmes, Francis O., 1946
- Beta vulgaris*
Bennett, C. W., 1944
- Bidens frondosa*
Holmes, Francis O., 1946
- Brassica campestris* var. *napobrassica*
Holmes, Francis O., 1946
- Brassica hirta* (*Brassica alba*)
Johnson, E. M., 1930
- Brassica oleracea*
Holmes, Francis O., 1946
- Brassica oleracea* var. *gemmifera*
Bennett, C. W., 1944
- Brassica pekinensis*
Holmes, Francis O., 1946
- Brassica rapa* var. *depressa* *
Johnson, E. M., 1930
- Browallia americana* (*Browallia demissa*)
Holmes, Francis O., 1946
- Calendula officinalis*
Holmes, Francis O., 1946
- Calonyction aculeatum*
Holmes, Francis O., 1946
- Campanula carpatica*
Holmes, Francis O., 1946
- Campanula lactiflora*
Holmes, Francis O., 1946
- Campanula medium*
Holmes, Francis O., 1946
- Campanula petiolata* (*Campanula rotundifolia* of Amer.
Holmes, Francis O., 1946 auths.)
- Campanula pyramidalis*
Holmes, Francis O., 1946
- Capsella bursa-pastoris*
Holmes, Francis O., 1946
- Capsicum frutescens* (*Capsicum annuum*)
McKinney, H. H., 1952
- Carica papaya*
Holmes, Francis O., 1946
- Centaurea americana*
Holmes, Francis O., 1946
- Centaurea montana*
Holmes, Francis O., 1946
- Centaurea moschata*
Holmes, Francis O., 1946
- Cheiranthus allionii*
Holmes, Francis O., 1946
- Cheiranthus cheiri*
Holmes, Francis O., 1946
- Chelidonium majus*
Holmes, Francis O., 1946
- Chenopodium album*
Holmes, Francis O., 1946
- Chenopodium ambrosioides*
Holmes, Francis O., 1946
- Chenopodium glaucum*
Holmes, Francis O., 1946
- Chenopodium rubrum*
Holmes, Francis O., 1946
- Chrysanthemum leucanthemum*
Holmes, Francis O., 1946
- Cichorium endivia*
Holmes, Francis O., 1946
- Citrullus vulgaris*
Holmes, Francis O., 1946

VIRUS

V. TOBACCO ETCH (cont.)

- Clarkia elegans*
Holmes, Francis O., 1946
- Cleome spinosa*
Holmes, Francis O., 1946
- Cobaea scandens*
Holmes, Francis O., 1946
- Coleus blumei*
Holmes, Francis O., 1946
- Coreopsis grandiflora*
Holmes, Francis O., 1946
- Cucumis melo*
Holmes, Francis O., 1946
- Cucumis sativus*
Anderson, C.W., 1954
Bennett, C.W., 1944
Holmes, Francis O., 1946
Johnson, E.M., 1930
- Cucurbita maxima*
Holmes, Francis O., 1946
- Cucurbita pepo*
Holmes, Francis O., 1946
- Cuscuta californica*
Bennett, C.W., 1944
- Cuscuta campestris*
Bennett, C.W., 1944
- Cuscuta subinclusa*
Bennett, C.W., 1944
- Cynoglossum amabile*
Holmes, Francis O., 1946
- Cypandomandra betacea*
Holmes, Francis O., 1946
- Dahlia pinnata*
Holmes, Francis O., 1946
- Daucus carota*
Holmes, Francis O., 1946
- Delphinium cultorum*
Holmes, Francis O., 1946
- Dianthus barbatus*
Holmes, Francis O., 1946
- Dianthus chinensis*
Holmes, Francis O., 1946
- Digitalis purpurea*
Holmes, Francis O., 1946
- Dolichos lablab*
Holmes, Francis O., 1946
- Echium vulgare*
Holmes, Francis O., 1946
- Emilia flammea*
Holmes, Francis O., 1946
- Erigeron annuus*
Holmes, Francis O., 1946
- Erigeron speciosus*
Holmes, Francis O., 1946
- Euphorbia heterophylla*
Holmes, Francis O., 1946
- Euphorbia marginata*
Holmes, Francis O., 1946
- Euphorbia presliae*
Holmes, Francis O., 1946
- Fagopyrum esculentum*
Holmes, Francis O., 1946
- Gaillardia aristata*
Holmes, Francis O., 1946
- Galinsoga parviflora*
Holmes, Francis O., 1946
- Geranium carolinianum*
Holmes, Francis O., 1946
- Geum canadense*
Holmes, Francis O., 1946
- Geum chiloense*
Holmes, Francis O., 1946
- Gilia capitata*
Holmes, Francis O., 1946
- Gilia liniflora*
Holmes, Francis O., 1946
- Glycine max*
Holmes, Francis O., 1946
Johnson, E.M., 1930
- Gomphrena haageana*
Holmes, Francis O., 1946
- Gossypium hirsutum*
Holmes, Francis O., 1946

VIRUS

V. TOBACCO ETCH (cont.)

- Helianthus tuberosus*
Holmes, Francis O., 1946
- Helichrysum bracteatum*
Holmes, Francis O., 1946
- Heliopsis scabra*
Holmes, Francis O., 1946
- Heliotropium corymbosum*
Holmes, Francis O., 1946
- Hibiscus esculentus*
Holmes, Francis O., 1946
- Hibiscus manihot*
Holmes, Francis O., 1946
- Holcus sudanensis*
Holmes, Francis O., 1946
- Hordeum vulgare*
Holmes, Francis O., 1946
- Hunnemannia fumariaefolia*
Holmes, Francis O., 1946
- Hypericum boreale*
Holmes, Francis O., 1946
- Iberis gibraltarica*
Holmes, Francis O., 1946
- Iberis sempervirens*
Holmes, Francis O., 1946
- Iberis umbellata*
Holmes, Francis O., 1946
- Impatiens balsamina*
Holmes, Francis O., 1946
- Impatiens sultanii* (or sometimes *Impatiens holstii*)
Holmes, Francis O., 1946
- Incarvillea variabilis*
Holmes, Francis O., 1946
- Ipomoea batata*
Holmes, Francis O., 1946
- Ipomoea nil*
Holmes, Francis O., 1946
- Ipomoea setosa*
Holmes, Francis O., 1946
- Ipomoea tricolor*
Holmes, Francis O., 1946
- Kalanchoe daigremontiana*
Holmes, Francis O., 1946
- Kochia scoparia*
Holmes, Francis O., 1946
- Lantana camara*
Holmes, Francis O., 1946
- Lavatera trimestris*
Holmes, Francis O., 1946
- Lens esculenta*
Holmes, Francis O., 1946
- Leptosyne maritima*
Holmes, Francis O., 1946
- Lilium philippinense*
Holmes, Francis O., 1946
- Limonium bonduelli*
Holmes, Francis O., 1946
- Limonium sinuatum*
Holmes, Francis O., 1946
- Linaria vulgaris*
Holmes, Francis O., 1946
- Linum flavum*
Holmes, Francis O., 1946
- Linum grandiflorum*
Holmes, Francis O., 1946
- Linum perenne*
Holmes, Francis O., 1946
- Lobelia erinus*
Holmes, Francis O., 1946
- Lobularia maritima*
Holmes, Francis O., 1946
- Luffa acutangula*
Holmes, Francis O., 1946
- Lunaria annua*
Holmes, Francis O., 1946
- Lupinus hartwegii*
Holmes, Francis O., 1946
- Lychnis coeli-rosa*
Holmes, Francis O., 1946
- Lycopersicon chilense*
Holmes, Francis O., 1946
- Lycopus rubellus*
Holmes, Francis O., 1946

VIRUS

- V. TOBACCO ETCH (cont.)
Malope trifida
 Holmes, Francis O., 1946
Malva rotundifolia
 Holmes, Francis O., 1946
Marrubium vulgare
 Holmes, Francis O., 1946
Matthiola bicornis
 Holmes, Francis O., 1946
Matthiola incana
 Holmes, Francis O., 1946
Medicago sativa
 Holmes, Francis O., 1946
Melissa officinalis
 Holmes, Francis O., 1946
Mentha spicata
 Holmes, Francis O., 1946
Mesembryanthemum crystallinum
 Holmes, Francis O., 1946
Mesembryanthemum lineare
 Holmes, Francis O., 1946
Mimulus luteus
 Holmes, Francis O., 1946
Mimulus moschatus
 Holmes, Francis O., 1946
Mirabilis jalapa
 Holmes, Francis O., 1946
Momordica charantia
 Holmes, Francis O., 1946
Myosotis scorpioides
 Holmes, Francis O., 1946
Myosotis sylvatica
 Holmes, Francis O., 1946
Nemesis strunosa
 Holmes, Francis O., 1946
Nepeta cataria
 Holmes, Francis O., 1946
Nepeta hederacea
 Holmes, Francis O., 1946
Nepeta mussini
 Holmes, Francis O., 1946
Nicotiana glauca
 Bennett, C.W., 1944
Nicotiana otophora
 Holmes, Francis O., 1946
Nicotiana palmeri
 Holmes, Francis O., 1946
Nicotiana raimondii
 Holmes, Francis O., 1946
Nicotiana tomentosiformis
 Holmes, Francis O., 1946
Nicotiana wigandoides
 Holmes, Francis O., 1946
Oenothera lamarckiana
 Holmes, Francis O., 1946
Oxalis corniculata
 Holmes, Francis O., 1946
Oxalis stricta
 Holmes, Francis O., 1946
Papaver nudicaule
 Holmes, Francis O., 1946
Papaver orientale
 Holmes, Francis O., 1946
Pastinaca sativa
 Holmes, Francis O., 1946
Pelargonium hortorum
 Holmes, Francis O., 1946
Pelargonium odoratissimum
 Holmes, Francis O., 1946
Petroselinum hortense
 Holmes, Francis O., 1946
Phaseolus aureus
 Holmes, Francis O., 1946
Phaseolus coccineus
 Holmes, Francis O., 1946
Phaseolus limensis
 Holmes, Francis O., 1946
Phaseolus vulgaris
 Anderson, C.W., 1954
 Holmes, Francis O., 1946
 Johnson, E.M., 1930
Phlox drummondii
 Holmes, Francis O., 1946

VIRUS

- V. TOBACCO ETCH (cont.)
Phytolacca decandra
 Holmes, Francis O., 1946
 Johnson, E.M., 1930
Pisum sativum
 Anderson, C.W., 1954
 Holmes, Francis O., 1946
 Johnson, E.M., 1930
Plantago lanceolata
 Holmes, Francis O., 1946
Plantago major
 Holmes, Francis O., 1946
Plantago rugelii
 Holmes, Francis O., 1946
Polygonum trachysperma
 Holmes, Francis O., 1946
Polygonum hydropiper
 Holmes, Francis O., 1946
Potentilla arguta
 Holmes, Francis O., 1946
Potentilla monspeliensis
 Holmes, Francis O., 1946
Primula obconica
 Holmes, Francis O., 1946
Prunella vulgaris
 Holmes, Francis O., 1946
Ranunculus asiaticus
 Holmes, Francis O., 1946
Raphanus raphanistrum
 Holmes, Francis O., 1946
Raphanus sativus
 Holmes, Francis O., 1946
 Johnson, E.M., 1930
Reseda odorata
 Holmes, Francis O., 1946
Ricinus communis
 Holmes, Francis O., 1946
Rosa odorata
 Holmes, Francis O., 1946
Rudbeckia hirta
 Holmes, Francis O., 1946
Rumex crispus
 Holmes, Francis O., 1946
Rumex obtusifolius
 Holmes, Francis O., 1946
Saintpaulia ionantha
 Holmes, Francis O., 1946
Salvia azurea
 Holmes, Francis O., 1946
Salvia farinacea
 Holmes, Francis O., 1946
Salvia patens
 Holmes, Francis O., 1946
Salvia splendens
 Holmes, Francis O., 1946
Sanvitalia procumbens
 Holmes, Francis O., 1946
Scabiosa atropurpurea
 Holmes, Francis O., 1946
Scabiosa caucasica
 Holmes, Francis O., 1946
Secale cereale
 Holmes, Francis O., 1946
Silene pendula
 Holmes, Francis O., 1946
Sinningia speciosa
 Holmes, Francis O., 1946
Solanum dulcamara
 Holmes, Francis O., 1946
Solanum melongena
 Bawden, F.C. and B. Kassanis, 1941
Solanum melongena var. esculentum
 Johnson, E.M., 1930
Solanum nodiflorum
 Bawden, F.C. and B. Kassanis, 1941
Solanum sanitwongsei
 Holmes, Francis O., 1946
Solidago rugosa
 Holmes, Francis O., 1946
Spinacia oleracea
 Holmes, Francis O., 1946
Stellaria media
 Holmes, Francis O., 1946

VIRUS

V. TOBACCO ETCH (cont.)

- Symplocarpus foetidus*
Holmes, Francis O., 1946
- Tagetes erecta*
Holmes, Francis O., 1946
- Tagetes patula*
Holmes, Francis O., 1946
- Tagetes signata*
Holmes, Francis O., 1946
- Taraxacum officinale*
Holmes, Francis O., 1946
- Thelesperma hybridum*
Holmes, Francis O., 1946
- Thunbergia alata*
Holmes, Francis O., 1946
- Trachymene caerulea*
Holmes, Francis O., 1946
- Trifolium incarnatum*
Holmes, Francis O., 1946
- Trifolium pratense*
Holmes, Francis O., 1946
- Verbascum phoeniceum*
Holmes, Francis O., 1946
- Verbena canadensis*
Holmes, Francis O., 1946
- Verbena venosa*
Holmes, Francis O., 1946
- Veronica longifolia*
Holmes, Francis O., 1946
- Veronica officinalis*
Holmes, Francis O., 1946
- Veronica peregrina*
Holmes, Francis O., 1946
- Vicia faba*
Holmes, Francis O., 1946
- Vicia sativa*
Holmes, Francis O., 1946
- Vigna sinensis*
Anderson, C. W., 1954
- Vinca rosea*
Holmes, Francis O., 1946
- Viola arvensis*
Holmes, Francis O., 1946
- Zea mays*
Holmes, Francis O., 1946
- Zinnia haageana*
Holmes, Francis O., 1946

V. TOBACCO GREEN MOSAIC McKinney 1929 ((Synonym of V. Tobacco mosaic K. M. Smith 1957.))

- Cucumis sativus*
Peterson, Paul D. and H. H. McKinney, 1938
- Lycopersicon esculentum*
McKinney, H. H., 1929
- Peterson, Paul D. and H. H. McKinney, 1938
- Phaseolus vulgaris*
Peterson, Paul D. and H. H. McKinney, 1938

V. TOBACCO LEAF CURL Storey 1932

- Capsicum frutescens* (*Capsicum annuum*)
Bird, Julio, 1957
- Datura stramonium*
Bird, Julio, 1957
- Gossypium hirsutum*
Nariani, T. K., 1956
- Hibiscus esculentus*
Nariani, T. K., 1956
- Hibiscus rosa-sinensis*
Nariani, T. K., 1956
- Physalis peruviana*
Bird, Julio, 1957
- Solanum melongena*
Bird, Julio, 1957

VIRUS

V. TOBACCO MOSAIC Allard 1914

- Abelmoschus esculentus*
Das, C. R. and S. P. Raychaudhuri, 1953
- Acalypha virginica*
Holmes, Francis O., 1938, 1946
- Ageratum conyzoides*
Holmes, Francis O., 1946
- Allium cepa*
Holmes, Francis O., 1946
- Althaea rosea*
Holmes, Francis O., 1946
- Amaryllis (Hippeastrum) puniceum*
Holmes, Francis O., 1946
- Apium graveolens*
Doolittle, S. P. and F. S. Beecher, 1942
- Aquilegia caerulea*
Holmes, Francis O., 1946
- Arachis hypogaea*
Das, C. R. and S. P. Raychaudhuri, 1953
- Arctium minus*
Stover, W. G. and M. T. Vermillion, 1933
- Asclepias curassavica*
Holmes, Francis O., 1946
- Asclepias syriaca*
Holmes, Francis O., 1946
- Aster ericoides*
Holmes, Francis O., 1938
- Aster lateriflorus*
Holmes, Francis O., 1938
- Aster multiflorus*
Holmes, Francis O., 1938
- Atropa belladonna*
Allard, H. A., 1916
- Avena sativa*
Holmes, Francis O., 1946
- Barbarea vulgaris*
Holmes, Francis O., 1946
- Begonia semperflorens*
Holmes, Francis O., 1946
- Beta vulgaris*
Doolittle, S. P. and F. S. Beecher, 1942
- Brassica hirta* (*Brassica alba*)
Johnson, E. M., 1930
- Brassica oleracea*
Holmes, Francis O., 1946
- Brassica pekinensis*
Holmes, Francis O., 1946
- Brassica rapa* var. *depressa**
Johnson, E. M., 1930
- Callistephus chinensis*
Stover, W. G. and M. T. Vermillion, 1933
- Campanula carpatica*
Holmes, Francis O., 1946
- Campanula lactiflora*
Holmes, Francis O., 1946
- Campanula medium*
Holmes, Francis O., 1946
- Campanula petiolata* (*Campanula rotundifolia* of Amer.
Holmes, Francis O., 1946
auths.)
- Campanula pyramidalis*
Holmes, Francis O., 1946
- Capsicum frutescens* (*Capsicum annuum*)
Das, C. R. and S. P. Raychaudhuri, 1953
- Cassia tora*
Anderson, C. W., 1954
- Centaurea moschata*
Holmes, Francis O., 1946
- Chrysanthemum leucanthemum*
Holmes, Francis O., 1946
- Circaeae lutetiana*
Holmes, Francis O., 1938
- Cirsium arvense*
Holmes, Francis O., 1938
- Citrullus vulgaris*
Doolittle, S. P. and F. S. Beecher, 1942
- Cobaea scandens*
Holmes, Francis O., 1946
- Clarkia elegans*
Holmes, Francis O., 1946

VIRUS

V. TOBACCO MOSAIC (cont.)

- Crotalaria mucronata*
Das, C.R. and S.P. Raychaudhuri, 1953
- Cucumis melo*
Doolittle, S.P. and F.S. Beecher, 1942
Holmes, Francis O., 1946
- Cucumis sativus*
Ainsworth, G.C., 1933, 1937
Doolittle, S.P. and F.S. Beecher, 1942
Doolittle, S.P. and W.W. Gilbert, 1918
Holmes, Francis O., 1941, 1946
Jarrett, Phyllis H., 1930
Johnson, E.M., 1930
Peterson, Paul D. and H.H. McKinney, 1938
Stover, W.G. and M.T. Vermillion, 1933
- Cucurbita maxima*
Holmes, Francis O., 1946
- Cucurbita pepo*
Holmes, Francis O., 1946
- Cuscuta californica*
Bennett, C.W., 1944
- Cuscuta campestris*
Bennett, C.W., 1944
Cochran, G.W., 1946
Costa, A.S., 1944
Johnson, Folke, 1941
- Cuscuta subinclusa*
Bennett, C.W., 1940, 1944
- Cyphomandra betacea*
Holmes, Francis O., 1946
- Dahlia pinnata*
Holmes, Francis O., 1946
- Datura fastuosa*
Allard, H.A., 1916
- Daucus carota*
Holmes, Francis O., 1938
- Delphinium cultorum*
Holmes, Francis O., 1946
- Dianthus barbatus*
Holmes, Francis O., 1946
- Dianthus chinensis*
Holmes, Francis O., 1946
- Dolichos lablab*
Holmes, Francis O., 1946
- Erigeron canadensis*
Holmes, Francis O., 1938
- Erigeron speciosus*
Holmes, Francis O., 1946
- Euphorbia heterophylla*
Holmes, Francis O., 1946
- Euphorbia maculata*
Holmes, Francis O., 1938
- Euphorbia marginata*
Holmes, Francis O., 1946
- Euphorbia presili*
Holmes, Francis O., 1946
- Gaillardia aristata*
Holmes, Francis O., 1946
- Galium triflorum*
Holmes, Francis O., 1938
- Geum canadense*
Holmes, Francis O., 1938, 1946
- Geum chiloense*
Holmes, Francis O., 1946
- Glycine max*
Holmes, Francis O., 1946
Johnson, E.M., 1930
- Gomphrena haageana*
Holmes, Francis O., 1946
- Gossypium hirsutum*
Das, C.R. and S.P. Raychaudhuri, 1953
Holmes, Francis O., 1946
- Helianthus tuberosus*
Holmes, Francis O., 1938, 1946
- Heliopsis scabra*
Holmes, Francis O., 1946
- Hibiscus esculentus*
Holmes, Francis O., 1946
- Hibiscus manihot*
Holmes, Francis O., 1946
- Hieracium scabrum*
Holmes, Francis O., 1938

VIRUS

V. TOBACCO MOSAIC (cont.)

- Holcus sudaensis*
Holmes, Francis O., 1946
- Hordeum vulgare*
Holmes, Francis O., 1946
- Hunnemannia fumariaefolia*
Holmes, Francis O., 1946
- Hypericum boreale*
Holmes, Francis O., 1938, 1946
- Iberis sempervirens*
Holmes, Francis O., 1946
- Impatiens balsamina*
Holmes, Francis O., 1946
- Impatiens biflora*
Holmes, Francis O., 1938
- Ipomoea batatas*
Doolittle, S.P. and L.L. Harter, 1945
Holmes, Francis O., 1946
- Ipomoea setosa*
Holmes, Francis O., 1946
- Lactuca sativa*
Doolittle, S.P. and F.S. Beecher, 1942
- Lagenaria siceraria* (*Lagenaria leucantha*)
Das, C.R. and S.P. Raychaudhuri, 1953
- Lantana camara*
Holmes, Francis O., 1946
- Lathyrus odoratus*
Allard, H.A., 1916
- Lavatera trimestris*
Holmes, Francis O., 1946
- Lens esculenta*
Holmes, Francis O., 1946
- Lilium philippinense*
Holmes, Francis O., 1946
- Linum flavum*
Holmes, Francis O., 1946
- Linum grandiflorum*
Holmes, Francis O., 1946
- Linum perenne*
Holmes, Francis O., 1946
- Lobelia inflata*
Holmes, Francis O., 1938
- Luffa acutangula*
Holmes, Francis O., 1946
- Lupinus hartwegii*
Holmes, Francis O., 1946
- Lychnis alba*
Holmes, Francis O., 1938
- Lycopersicon chilense*
Holmes, Francis O., 1943
- Lycopersicon esculentum*
McKinney, H.H., 1935
- Lycopus rubellus*
Holmes, Francis O., 1938
- Lycopus virginicus*
Holmes, Francis O., 1938
- Malope trifida*
Holmes, Francis O., 1946
- Malva rotundifolia*
Holmes, Francis O., 1938, 1946
- Matthiola incana*
Holmes, Francis O., 1946
- Medicago sativa*
Costa, A.S., 1944
Holmes, Francis O., 1938, 1946
Johnson, Folke, 1941
- Mirabilis jalapa*
Holmes, Francis O., 1946
- Momordica charantia*
Holmes, Francis O., 1946
- Nepeta cataria*
Stover, W.G. and M.T. Vermillion, 1933
- Nepeta hederacea*
Holmes, Francis O., 1946
- Nicandra physalodes*
Fernow, K.H., 1923
- Nicotiana glauca*
Adsuar, J. and L. Lopez Matos, 1955
Johnson, James, 1927
- Nicotiana glutinosa*
Allard, H.A., 1916, 1917
Johnson, J., 1926, 1927

VIRUS

- V. TOBACCO MOSAIC (cont.)
Nicotiana glutinosa x *Nicotiana tabacum*
 Allard, H.A., 1916
Nicotiana tabacum
 Valneau, W.D., 1935
Oenothera lamarckiana
 Holmes, Francis O., 1946
Oxalis corniculata
 Holmes, Francis O., 1938, 1946
Oxalis stricta
 Holmes, Francis O., 1938, 1946
Papaver orientale
 Holmes, Francis O., 1946
Pastinaca sativa
 Holmes, Francis O., 1946
Pelargonium hortorum
 Holmes, Francis O., 1946
Pelargonium odoratissimum
 Holmes, Francis O., 1946
Phaseolus aureus
 Holmes, Francis O., 1946
Phaseolus coccineus
 Holmes, Francis O., 1946
Phaseolus limensis
 Holmes, Francis O., 1946
Phaseolus vulgaris
 Holmes, Francis O., 1941
 Johnson, E.M., 1930
 McKinney, H.H., 1952
 Price, W.C. and S.B. Fenne, 1951
Phytolacca decandra
 Allard, H.A., 1916, 1918
 Doolittle, S.P. and F.S. Beecher, 1942
 Johnson, E.M., 1930
 Johnson, J., 1926, 1927
Pisum sativum
 Das, C.R. and S.P. Raychaudhuri, 1953
 Holmes, Francis O., 1946
 Johnson, E.M., 1930
Polygonum hydropiper
 Holmes, Francis O., 1938
Polygonum persicaria
 Holmes, Francis O., 1938
Portulaca oleracea
 Holmes, Francis O., 1938
Potentilla arguta
 Holmes, Francis O., 1938, 1946
Potentilla monspeliensis
 Holmes, Francis O., 1938, 1946
Radicula palustris
 Holmes, Francis O., 1938
Ranunculus asiaticus
 Holmes, Francis O., 1946
Raphanus raphanistrum
 Holmes, Francis O., 1946
Raphanus sativus
 Holmes, Francis O., 1946
 Johnson, E.M., 1930
Reseda odorata
 Holmes, Francis O., 1946
Ricinus communis
 Holmes, Francis O., 1946
Rosa odorata
 Holmes, Francis O., 1946
Rudbeckia hirta
 Holmes, Francis O., 1938
Rumex acetosella
 Holmes, Francis O., 1938
Rumex crispus
 Stover, W.G. and M.T. Vermillion, 1933
Saintpaulia ionantha
 Holmes, Francis O., 1946
Sanicula conadensis
 Holmes, Francis O., 1938
Scabiosa atropurpurea
 Holmes, Francis O., 1946
Scabiosa caucasica
 Holmes, Francis O., 1946
Secale cereale
 Holmes, Francis O., 1946
Solanum melongena
 Johnson, J., 1926

VIRUS

- V. TOBACCO MOSAIC (cont.)
Solanum tuberosum
 Allard, H.A., 1916
 Quanjer, H.M., 1920
 Schultz, E.S. and Donald Folsom, 1923
Solidago graminifolia
 Holmes, Francis O., 1938
Solidago rugosa
 Holmes, Francis O., 1938, 1946
Stellaria media
 Holmes, Francis O., 1938
Symplocarpus foetidus
 Holmes, Francis O., 1946
Taraxacum officinale
 Holmes, Francis O., 1938, 1946
Thelesperma hybridum
 Holmes, Francis O., 1946
Thunbergia alata
 Holmes, Francis O., 1946
Tithonia rotundifolia
 Cook, M.T., 1936
Trachymene caerulea
 Holmes, Francis O., 1946
Trifolium alexandrinum
 Das, C.R. and S.P. Raychaudhuri, 1953
Trifolium incarnatum
 Costa, A.S., 1944
 Holmes, Francis O., 1946
Trifolium pratense
 Holmes, Francis O., 1946
Trifolium repens
 Holmes, Francis O., 1938, 1946
Triticum aestivum
 Holmes, Francis O., 1946
Verbena urticifolia
 Holmes, Francis O., 1938
Verbena venosa
 Holmes, Francis O., 1946
Veronica officinalis
 Holmes, Francis O., 1938
Veronica peregrina
 Holmes, Francis O., 1938
Vicia faba
 Holmes, Francis O., 1946
Vicia sativa
 Holmes, Francis O., 1946
Vigna sinensis
 Holmes, Francis O., 1946
 Smith, Kenneth M., 1935
Vinca rosea
 Holmes, Francis O., 1946
Viola arvensis
 Holmes, Francis O., 1946
Viola papilionacea
 Holmes, Francis O., 1938
Viola sagittata
 Holmes, Francis O., 1938
Zea mays
 Holmes, Francis O., 1946
Zinnia elegans
 Das, C.R. and S.P. Raychaudhuri, 1953
- V. TOBACCO NECROSIS K.M. Smith and Bald 1935;
Begonia semperflorens Price 1938
 Price, W.C., Frank P. McWhorter and Betty H.
 Steranka, 1950
Dianthus barbatus
 Kassanis, B., 1955
Dianthus caryophyllus
 Kassanis, B., 1955
Impatiens balsamina
 Price, W.C., Frank P. McWhorter and Betty H.
 Steranka, 1950
Lychnis alba
 Fulton, Robert W., 1950
Raphanus sativus
 Fulton, Robert W., 1950
Tropaeolum majus
 Fulton, Robert W., 1950

VIRUS

- V. TOBACCO RING SPOT Fromme et al. 1927
- Althaea rosea*
Wingard, S.A., 1928
 - Amaranthus retroflexus*
Henderson, R.G. and S.A. Wingard, 1931
 - Arachis hypogaea*
Cooper, W.E., 1949
 - Arctium lappa*
Fenne, S.B., 1931
 - Asclepias spp.*
Fenne, S.B., 1931
 - Berberis vulgaris*
Wingard, S.A., 1928
 - Beta vulgaris*
Johnson, E.M., 1930
 - Brassica campestris* var. *napobrassica*
Wingard, S.A., 1928
 - Brassica hirta* (*Brassica alba*)
Johnson, E.M., 1930
 - Brassica napus*
Pound, Glenn S., 1949
 - Brassica oleracea*
Johnson, E.M., 1930
 - Brassica oleracea* var. *acephala*
Wingard, S.A., 1928
 - Brassica oleracea* var. *botrytis*
Pound, Glenn S., 1949
 - Brassica oleracea* var. *capitata*
Bridgmon, G.H. and J.C. Walker, 1952
 - Smith, Kenneth M., 1929
 - Wingard, S.A., 1928
 - Brassica oleracea* var. *gemmifera*
Pound, Glenn S., 1949
 - Brassica rapa*
Wingard, S.A., 1928
 - Brassica rapa* var. *depressa**
Johnson, E.M., 1930
 - Capsicum frutescens* (*Capsicum annuum*)
Berkeley, G.H., 1953
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - Cooper, W.E., 1949
 - Johnson, E.M., 1930
 - Capsicum frutescens* var. *grossum*
Pound, Glenn S., 1949
 - Wingard, S.A., 1928
 - Centranthus ruber*
Wingard, S.A., 1928
 - Chenopodium album*
Fenne, S.B., 1931
 - Henderson, R.G. and S.A. Wingard, 1931
 - Chrysanthemum carinatum*
Wingard, S.A., 1928
 - Chrysopsis spp.*
Henderson, R.G. and S.A. Wingard, 1931
 - Cirsium arvense*
Wingard, S.A., 1928
 - Coleus blumei* var. *verschaffeltii*
Wingard, S.A., 1928
 - Cosmos diversifolius*
Wingard, S.A., 1928
 - Crotalaria intermedia*
Cooper, W.E., 1949
 - Cuscuta campestris*
Johnson, Folke, 1941
 - Dactylis glomerata*
Wingard, S.A., 1928
 - Dahlia merckii*
Wingard, S.A., 1928
 - Datura meteloides*
Cooper, W.E., 1949
 - Datura stramonium*
Fenne, S.B., 1931
 - Daucus carota* var. *sativa*
Wingard, S.A., 1928
 - Dianthus barbatus*
Wingard, S.A., 1928
 - Glycine hispida*
Wingard, S.A., 1928
 - Glycine max*
Johnson, E.M., 1930
 - Gomphrena globosa*
Cooper, W.E., 1949

VIRUS

- V. TOBACCO RING SPOT (cont.)
- Ipomoea batata*
Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - Kalanchoe (Bryophyllum) pinnatum*
Wingard, S.A., 1928
 - Lactuca virosa*
Fenne, S.B., 1931
 - Lycopersicon esculentum*
Berkeley, G.H., 1953
 - Bridgmon, G.H. and J.C. Walker, 1952
 - Cooper, W.E., 1949
 - Grogan, R.G. and W.C. Schnathorst, 1955
 - Johnson, E.M., 1930
 - Pound, Glenn S., 1949
 - Stubbs, M.W., 1937
 - Wingard, S.A., 1928
 - Malcolmia maritima*
Wingard, S.A., 1928
 - Malus sylvestris*
Wingard, S.A., 1928
 - Malva rotundifolia*
Fenne, S.B., 1931
 - Medicago sativa*
Benedict, W.G., 1955
 - Grogan, R.G. and W.C. Schnathorst, 1955
 - Stubbs, M.W., 1937
 - Melilotus alba*
Bridgmon, G.H. and J.C. Walker, 1952
 - Cheo, Pen Ching and W.J. Zaumeyer, 1952
 - Melilotus hybridum**
Benedict, W.G., 1955
 - Melilotus officinalis*
Benedict, W.G., 1955
 - Mentha piperita*
Wingard, S.A., 1928
 - Nicotiana glauca*
Grogan, R.G. and W.C. Schnathorst, 1955
 - Nicotiana glutinosa*
Starr, Chester K. and W.E. Cooper, 1944
 - Stubbs, M.W., 1937
 - Oxalis repens*
Wingard, S.A., 1928
 - Pastinaca sativa*
Wingard, S.A., 1928
 - Pelargonium domesticum*
Wingard, S.A., 1928
 - Petunia hybrida*
Rosberg, David W., 1953
 - Phaseolus angularis*
Cooper, W.E., 1949
 - Phaseolus vulgaris*
Johnson, E.M., 1930
 - Phleum pratense*
Wingard, S.A., 1928
 - Physalis pubescens*
Johnson, E.M., 1930
 - Phytolacca americana*
Henderson, R.G. and S.A. Wingard, 1931
 - Phytolacca decandra*
Fenne, S.B., 1931
 - Pisum sativum*
Benedict, W.G., 1955
 - Johnson, E.M., 1930
 - Wingard, S.A., 1928
 - Plantago major*
Fenne, S.B., 1931
 - Henderson, R.G. and S.A. Wingard, 1931
 - Wingard, S.A., 1928
 - Polygonum hydropiper*
Henderson, R.G. and S.A. Wingard, 1931
 - Polygonum spp.*
Fenne, S.B., 1931
 - Raphanus sativus*
Johnson, E.M., 1930
 - Wingard, S.A., 1928
 - Rosa spp.*
Wingard, S.A., 1928
 - Rumex abyssinicus*
Wingard, S.A., 1928
 - Rumex obtusifolius*
Fenne, S.B., 1931
 - Rumex patientia*
Wingard, S.A., 1928

VIRUS

V. TOBACCO RING SPOT (cont.)

- Sesbania macrocarpa*
Cooper, W.E., 1949
- Solanum carolinense*
Henderson, R.G. and S.A. Wingard, 1931
Johnson, E.M., 1930
- Solanum dulcamara*
Fenne, S.B., 1931
Wingard, S.A., 1928
- Solanum melongena* var. *esculentum*
Johnson, E.M., 1930
- Solanum nigrum*
Henderson, R.G. and S.A. Wingard, 1931
Smith, Kenneth M., 1929
- Solanum tuberosum*
Cheo, Pen Ching and W.J. Zaumeyer, 1952
Grogan, R.G. and W.C. Schnathorst, 1955
Wingard, S.A., 1928
- Spinacia oleracea*
Smith, Kenneth M., 1929
Wingard, S.A., 1928
- Stellaria media*
Wingard, S.A., 1928
- Tradescantia fluminensis*
Wingard, S.A., 1928
- Tragopogon porrifolius*
Wingard, S.A., 1928
- Trifolium hybridum*
Fenne, S.B., 1931
Stubbs, M.W., 1937
- Trifolium incarnatum*
Bridgmon, G.H. and J.C. Walker, 1952
- Trifolium medium*
Fenne, S.B., 1931
- Trifolium pratense*
Bridgmon, G.H. and J.C. Walker, 1952
Cheo, Pen Ching and W.J. Zaumeyer, 1952
- Triticum vulgare*
Wingard, S.A., 1928
- Tropaeolum majus*
Wingard, S.A., 1928
- Vicia villosa*
Cooper, W.E., 1949
- Vigna sinensis*
Stubbs, M.W., 1937
- Xanthium americanum*
Henderson, R.G. and S.A. Wingard, 1931
- Zea mays*
Cheo, Pen Ching and W.J. Zaumeyer, 1952
- Zebrina pendula*
Wingard, S.A., 1928
- Zinnia elegans*
Cooper, W.E., 1949

V. TOBACCO RING SPOT NO. 2 Price 1936

- Cheiranthus cheiri*
Brierley, Philip, 1954
- Dianthus plumarius*
Brierley, Philip, 1954
- Pelargonium hortorum*
Brierley, Philip, 1954
- Philadelphus coronarius*
Brierley, Philip, 1954
- Physalis angulata*
Brierley, Philip, 1954
- Physostegia virginiana*
Brierley, Philip, 1954
- Portulaca grandiflora*
Brierley, Philip, 1954
- Reseda odorata*
Brierley, Philip, 1954

V. TOBACCO STREAK J. Johnson 1936

- Apium graveolens*
Thomas, H. Rex and W.J. Zaumeyer, 1950
- Aquilegia canadensis*
Thomas, H. Rex and W.J. Zaumeyer, 1950

VIRUS

V. TOBACCO STREAK (cont.)

- Beta vulgaris*
Thomas, H. Rex and W.J. Zaumeyer, 1950
- Brassica oleracea* var. *botrytis*
Thomas, H. Rex and W.J. Zaumeyer, 1950
- Canavalia ensiformis*
Thomas, H. Rex and W.J. Zaumeyer, 1950
- Capsicum frutescens* (*Capsicum annuum*)
Johnson, J., 1936
- Lycopersicon esculentum*
Johnson, J., 1936
- Malus sylvestris*
Fulton, Robert W., 1956
- Medicago sativa*
Thomas, H. Rex and W.J. Zaumeyer, 1950
- Phaseolus angularis*
Thomas, H. Rex and W.J. Zaumeyer, 1950
- Phaseolus calcaratus*
Thomas, H. Rex and W.J. Zaumeyer, 1950
- Phaseolus lathyroides*
Thomas, H. Rex and W.J. Zaumeyer, 1950
- Phaseolus mungo*
Cooper, W.E., 1949
- Phytolacca americana*
Thomas, H. Rex and W.J. Zaumeyer, 1950
- Portulaca oleracea*
Thomas, H. Rex and W.J. Zaumeyer, 1950
- Sesbania exaltata*
Thomas, H. Rex and W.J. Zaumeyer, 1950
- Solanum melongena*
Johnson, J., 1936
- Solanum tuberosum*
Johnson, J., 1936
- Spinacia oleracea*
Thomas, H. Rex and W.J. Zaumeyer, 1950
- Trifolium repens*
Thomas, H. Rex and W.J. Zaumeyer, 1950
- Tropaeolum majus*
Thomas, H. Rex and W.J. Zaumeyer, 1950
- Zinnia elegans*
Thomas, H. Rex and W.J. Zaumeyer, 1950

V. TOBACCO STUNT *

- Lycopersicon esculentum*
Hidaka, Zy whole, Tetsuo Uozumi and Chuji Hiruki, 1956
- Nicotiana alata*
Hidaka, Zy whole, Tetsuo Uozumi and Chuji Hiruki, 1956
- Nicotiana glauca*
Hidaka, Zy whole, Tetsuo Uozumi and Chuji Hiruki, 1956
- Nicotiana glutinosa*
Hidaka, Zy whole, Tetsuo Uozumi and Chuji Hiruki, 1956
- Nicotiana gossei*
Hidaka, Zy whole, Tetsuo Uozumi and Chuji Hiruki, 1956
- Nicotiana longiflora*
Hidaka, Zy whole, Tetsuo Uozumi and Chuji Hiruki, 1956
- Nicotiana paniculata*
Hidaka, Zy whole, Tetsuo Uozumi and Chuji Hiruki, 1956
- Nicotiana repanda*
Hidaka, Zy whole, Tetsuo Uozumi and Chuji Hiruki, 1956
- Nicotiana rustica*
Hidaka, Zy whole, Tetsuo Uozumi and Chuji Hiruki, 1956
- Nicotiana sanderae*
Hidaka, Zy whole, Tetsuo Uozumi and Chuji Hiruki, 1956
- Nicotiana suaveolens*
Hidaka, Zy whole, Tetsuo Uozumi and Chuji Hiruki, 1956
- Nicotiana sylvestris*
Hidaka, Zy whole, Tetsuo Uozumi and Chuji Hiruki, 1956

VIRUS

V. TOBACCO STUNT * (cont.)

- Nicotiana trigonophylla*
Hidaka, Zyuu, Tetsuo Uozumi and Chuji Hiruki,
1956
- Petunia hybrida*
Hidaka, Zyuu, Tetsuo Uozumi and Chuji Hiruki,
1956
- Solanum melongena*
Hidaka, Zyuu, Tetsuo Uozumi and Chuji Hiruki,
1956
- V. TOBACCO YELLOW DWARF Hill 1937
- Nicotiana debneyi*
Hill, A.V. and M. Mandryk, 1954
- Nicotiana exigua*
Hill, A.V. and M. Mandryk, 1954
- Nicotiana rotundifolia*
Hill, A.V. and M. Mandryk, 1954
- Nicotiana velutina*
Hill, A.V. and M. Mandryk, 1954
- Solanum tuberosum*
Hill, A.V. and M. Mandryk, 1954
- V. TOMATO ASPERM MY Blencowe and Caldwell 1949
- Ambrosia artemisiifolia*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle,
1955
- Apium graveolens*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle,
1955
Hollings, M., 1955
- Belamcanda chinensis*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle,
1955
- Bellis perennis*
Hollings, M., 1955
- Brassica chinensis*
Hollings, M., 1955
- Brassica oleracea var. botrytis*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle,
1955
Hollings, M., 1955
- Brassica oleracea var. capitata*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle,
1955
Hollings, M., 1955
- Cheiranthus cheiri*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle,
1955
Hollings, M., 1955
- Coleus blumei*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle,
1955
- Convolvulus sepium*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle,
1955
- Coreopsis douglasii*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle,
1955
- Cosmos sulphureus*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle,
1955
- Cucumis sativus*
Blencowe, J.W. and John Caldwell, 1949
- Cucurbita pepo*
Hollings, M., 1955
- Cuscuta campestris*
Brierley, Philip and Floyd F. Smith, 1957
- Dahlia pinnata*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle,
1955
Hollings, M., 1955
- Datura stramonium*
Blencowe, J.W. and John Caldwell, 1949
- Delphinium hybridum*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle,
1955
- Dianthus barbatus*
Hollings, M., 1955
- Dianthus caryophyllus*
Brierley, Philip, Floyd F. Smith and S.P. Doolittle,
1955
Hollings, M., 1955

VIRUS

V. TOMATO ASPERM MY (cont.)

- Dianthus chinensis*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
- Erigeron annuus*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
- Erigeron canadensis*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
- Fuchsia magellanica*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
- Gladiolus spp.*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
- Gossypium hirsutum*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
- Helenium autumnale*
Hollings, M., 1955
- Hemerocallis fulva*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
- Hyoscyamus niger*
Blencowe, J.W. and John Caldwell, 1949
- Lactuca sativa*
Hollings, M., 1955
- Lilium formosanum **
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
- Lupinus polyphyllus*
Hollings, M., 1955
- Lychmis viscaria*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
- Matthiola incana*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
- Nicotiana sylvestris*
Blencowe, J.W. and John Caldwell, 1949
- Pelargonium hortorum*
Hollings, M., 1955
- Phaseolus vulgaris*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
- Plantago media*
Hollings, M., 1955
- Primula polyantha*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
- Quamoclit sloteri*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
- Saintpaulia ionantha*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
- Salvia splendens*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
- Sanvitalia procumbens*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
- Scabiosa atropurpurea*
Hollings, M., 1955
- Senecio mikanioides*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
- Silene compacta*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
- Solanum dulcamara*
Hollings, M., 1955
- Solanum nigrum*
Blencowe, J.W. and John Caldwell, 1949
- Solanum nodiflorum*
Blencowe, J.W. and John Caldwell, 1949
- Solanum tuberosum*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955
Hollings, M., 1955
- Sparaxis tricolor*
Brierley, Philip, Floyd F. Smith and S.P.
Doolittle, 1955

VIRUS

V. TOMATO ASPERMY (cont.)

- Tagetes erecta*
Brierley, Philip, Floyd F. Smith and S. P. Doolittle, 1955
- Tithonia rotundifolia*
Brierley, Philip, Floyd F. Smith and S. P. Doolittle, 1955
- Tropaeolum majus*
Brierley, Philip, Floyd F. Smith and S. P. Doolittle, 1955
- Hollings*, M., 1955
- Vinca rosea*
Brierley, Philip, Floyd F. Smith and S. P. Doolittle, 1955
- Viola tricolor*
Brierley, Philip, Floyd F. Smith and S. P. Doolittle, 1955
- Zea mays*
Brierley, Philip, Floyd F. Smith and S. P. Doolittle, 1955

V. TOMATO BIG BUD Samuel et al. 1933

- Cuscuta campestris*
Helms, Katie, 1957
- Hill, A. V. and M. Mandryk, 1954
- Kunkel, L. O., 1951
- Nicotiana glutinosa*
Samuel, G., J. G. Bald and C. M. Eardley, 1933
- Nicotiana tabacum*
Samuel, G., J. G. Bald and C. M. Eardley, 1933

V. TOMATO BUSHY STUNT Smith 1935

- Cuscuta campestris*
Johnson, Folke, 1941

V. TOMATO RING SPOT Samuel and Imle 1942 ((Distinct from V. Tomato spotted wilt.))

- Abutilon theophrasti*
Samson, R. W. and E. P. Imle, 1942
- Ambrosia artemisiifolia*
Samson, R. W. and E. P. Imle, 1942
- Antirrhinum majus*
Samson, R. W. and E. P. Imle, 1942
- Asclepias tuberosa*
Samson, R. W. and E. P. Imle, 1942
- Begonia semperflorens*
Samson, R. W. and E. P. Imle, 1942
- Beta vulgaris*
Samson, R. W. and E. P. Imle, 1942
- Beta vulgaris* var. *cicla*
Samson, R. W. and E. P. Imle, 1942
- Bidens bipinnata*
Samson, R. W. and E. P. Imle, 1942
- Bidens discoidea*
Samson, R. W. and E. P. Imle, 1942
- Brassica hirta* (*Brassica alba*)
Samson, R. W. and E. P. Imle, 1942
- Brassica oleracea*
Samson, R. W. and E. P. Imle, 1942
- Brassica rapa*
Samson, R. W. and E. P. Imle, 1942
- Calendula officinalis*
Samson, R. W. and E. P. Imle, 1942
- Callistephus chinensis*
Samson, R. W. and E. P. Imle, 1942
- Chenopodium album*
Samson, R. W. and E. P. Imle, 1942
- Citrullus vulgaris*
Samson, R. W. and E. P. Imle, 1942
- Cucumis anguria*
Samson, R. W. and E. P. Imle, 1942
- Cucumis melo*
Samson, R. W. and E. P. Imle, 1942
- Cucumis sativus*
Samson, R. W. and E. P. Imle, 1942
- Cucurbita maxima*
Samson, R. W. and E. P. Imle, 1942
- Cucurbita moschata*
Samson, R. W. and E. P. Imle, 1942
- Cucurbita pepo*
Samson, R. W. and E. P. Imle, 1942
- Cuscuta californica*
Bennett, C. W., 1944

VIRUS

V. TOMATO RING SPOT (cont.)

- Cuscuta campestris*
Bennett, C. W., 1944
- Cuscuta subinclusa*
Bennett, C. W., 1944
- Daucus carota*
Samson, R. W. and E. P. Imle, 1942
- Delphinium ajacis*
Samson, R. W. and E. P. Imle, 1942
- Emilia sonchifolia*
Samson, R. W. and E. P. Imle, 1942
- Erigeron speciosus*
Samson, R. W. and E. P. Imle, 1942
- Euphorbia heterophylla*
Samson, R. W. and E. P. Imle, 1942
- Glycine max*
Samson, R. W. and E. P. Imle, 1942
- Hibiscus esculentus*
Samson, R. W. and E. P. Imle, 1942
- Ipomoea batatas*
Samson, R. W. and E. P. Imle, 1942
- Ipomoea purpurea*
Samson, R. W. and E. P. Imle, 1942
- Lagenaria siceraria* (*Lagenaria leucantha*)
Samson, R. W. and E. P. Imle, 1942
- Luffa aegyptiaca* (*Luffa cylindrica*)
Samson, R. W. and E. P. Imle, 1942
- Lupinus hartwegii*
Samson, R. W. and E. P. Imle, 1942
- Lycopersicon peruvianum*
Samson, R. W. and E. P. Imle, 1942
- Nicotiana glutinosa*
Samson, R. W. and E. P. Imle, 1942
- Nicotiana sylvestris*
Samson, R. W. and E. P. Imle, 1942
- Pelargonium hortorum*
Samson, R. W. and E. P. Imle, 1942
- Pelargonium odoratissimum*
Samson, R. W. and E. P. Imle, 1942
- Persicaria hydropiperoides* *Samson, R. W. and E. P. Imle, 1942
- Phaseolus limensis*
Samson, R. W. and E. P. Imle, 1942
- Phytolacca decandra*
Samson, R. W. and E. P. Imle, 1942
- Plantago lanceolata*
Samson, R. W. and E. P. Imle, 1942
- Plantago major*
Samson, R. W. and E. P. Imle, 1942
- Quamoclit pennata*
Samson, R. W. and E. P. Imle, 1942
- Rumex acetosella*
Samson, R. W. and E. P. Imle, 1942
- Salpiglossis sinuata*
Samson, R. W. and E. P. Imle, 1942
- Scabiosa atropurpurea*
Samson, R. W. and E. P. Imle, 1942
- Tagetes erecta*
Samson, R. W. and E. P. Imle, 1942
- Tagetes signata*
Samson, R. W. and E. P. Imle, 1942
- Tetragonia expansa*
Samson, R. W. and E. P. Imle, 1942
- Tropaeolum majus*
Samson, R. W. and E. P. Imle, 1942
- Verbascum thapsus*
Samson, R. W. and E. P. Imle, 1942
- Vinca rosea*
Samson, R. W. and E. P. Imle, 1942
- Viola tricolor*
Samson, R. W. and E. P. Imle, 1942
- Zinnia elegans*
Samson, R. W. and E. P. Imle, 1942

V. TOMATO SPOTTED WILT Samuel et al. 1930

- Antirrhinum* spp.
Smith, Kenneth M., 1931, 1932
- Beta vulgaris*
Sakimura, K., 1940

VIRUS

V. TOMATO SPOTTED WILT (cont.)

- Beta vulgaris
 - Smith, Kenneth M., 1931
 - Beta vulgaris var. cicla
 - Sakimura, K., 1940
 - Brassica oleracea var. botrytis
 - Sakimura, K., 1940
 - Brassica oleracea var. capitata
 - Sakimura, K., 1940
 - Calendula spp.
 - Smith, Kenneth M., 1932
 - Callistephus chinensis
 - Smith, Kenneth M., 1931
 - Capsicum frutescens (*Capsicum annuum*)
 - Parisi, G.K., 1940
 - Chrysanthemum coronarium
 - Sakimura, K., 1940
 - Commelina nudiflora
 - Sakimura, K., 1940
 - Commelina venghalensis *
 - Sakimura, K., 1940
 - Cucumis sativus
 - Ainsworth, G.C., 1940
 - Cuscuta californica
 - Bennett, C.W., 1944
 - Cuscuta campestris
 - Bennett, C.W., 1944
 - Cuscuta subinclusa
 - Bennett, C.W., 1944
 - Gossypium hirsutum
 - Smith, Kenneth M., 1931
 - Lactuca sativa
 - Parris, G.K., 1940
 - Lycopersicon peruvianum
 - Smith, Paul G., 1944
 - Nicotiana glauca
 - Shapovalov, M., 1934
 - Phaseolus vulgaris
 - Parris, G.K., 1940
 - Smith, Kenneth M., 1931, 1932
 - Phytolacca decandra
 - Smith, Kenneth M., 1931
 - Pisum sativum
 - Parris, G.K., 1940
 - Spinacia oleracea
 - Smith, Kenneth M., 1931
 - Tetragonia expansa
 - Sakimura, K., 1940
 - Smith, Kenneth M., 1931

V. TOMATO TWISTED LEAF Ferguson 1951

- Nicotiana glutinosa
 - Ferguson, I.A.C., 1951
- Nicotiana tabacum
 - Ferguson, I.A.C., 1951
- Solanum melongena
 - Ferguson, I.A.C., 1951

V. TOMATO YELLOW NET Sylvester 1954

- Beta vulgaris
 - Sylvester, Edward S., 1954
- Geum chiloense
 - Sylvester, Edward S., 1954
- Nicotiana glutinosa
 - Sylvester, Edward S., 1954
- Solanum tuberosum
 - Sylvester, Edward S., 1954

V. TROPAEOLUM MOSAIC Jensen 1950

- Capsicum frutescens (*Capsicum annuum*)
 - Silberschmidt, Karl, 1953
- Lactuca sativa
 - Silberschmidt, Karl, 1953
- Lycopersicon esculentum
 - Silberschmidt, Karl, 1953
- Nicotiana rustica
 - Silberschmidt, Karl, 1953
- Oxalis spp.
 - Silberschmidt, Karl, 1953
- Pelargonium hortorum
 - Silberschmidt, Karl, 1953
- Petunia hybrida
 - Silberschmidt, Karl, 1953

VIRUS

- V. TULIP BREAKING McKenny Hughes 1931
 - Agapanthus africanus
 - Brierley, Philip and Floyd F. Smith, 1944
 - Allium cepa
 - Brierley, Philip and Floyd F. Smith, 1944
 - McWhorter, F.P., 1935
 - Allium cernuum
 - Brierley, Philip and Floyd F. Smith, 1944
 - Allium odorum
 - Brierley, Philip and Floyd F. Smith, 1944
 - Allium speciosum
 - Brierley, Philip and Floyd F. Smith, 1944
 - Aloe spp.
 - Brierley, Philip and Floyd F. Smith, 1944
 - Amaryllis spp.
 - Brierley, Philip and Floyd F. Smith, 1944
 - Asphodeline lutea
 - Brierley, Philip and Floyd F. Smith, 1944
 - Avena sativa
 - Brierley, Philip and Floyd F. Smith, 1944
 - Belamcanda chinensis
 - Brierley, Philip and Floyd F. Smith, 1944
 - Brassica rapa
 - Brierley, Philip and Floyd F. Smith, 1944
 - Brodiaea capitata
 - McWhorter, F.P., 1935
 - Brodiaea uniflora
 - Brierley, Philip and Floyd F. Smith, 1944
 - Camassia leichtlinii
 - Brierley, Philip and Floyd F. Smith, 1944
 - Camassia quamash
 - McWhorter, F.P., 1935
 - Canna generalis
 - Brierley, Philip and Floyd F. Smith, 1944
 - Commelinaceae
 - Brierley, Philip and Floyd F. Smith, 1944
 - Commelinopsis communis
 - Brierley, Philip and Floyd F. Smith, 1944
 - Commelinopsis nudiflora
 - Brierley, Philip and Floyd F. Smith, 1944
 - Convallaria majalis
 - Brierley, Philip and Floyd F. Smith, 1944
 - Dioscorea alata
 - Brierley, Philip and Floyd F. Smith, 1944
 - Dracaena fragrans
 - Brierley, Philip and Floyd F. Smith, 1944
 - Dracaena sanderiana
 - Brierley, Philip and Floyd F. Smith, 1944
 - Erythronium spp.
 - Brierley, Philip and Floyd F. Smith, 1944
 - Freesia hybrida
 - Brierley, Philip and Floyd F. Smith, 1944
 - Galtonia candicans
 - Brierley, Philip and Floyd F. Smith, 1944
 - Gloriosa rothschildiana
 - Brierley, Philip and Floyd F. Smith, 1944
 - Gloriosa superba
 - Brierley, Philip and Floyd F. Smith, 1944
 - Haworthia albolineata
 - Brierley, Philip and Floyd F. Smith, 1944
 - Hedychium coronarium
 - Brierley, Philip and Floyd F. Smith, 1944
 - Hosta plantaginea
 - Brierley, Philip and Floyd F. Smith, 1944
 - Hyacinthus orientalis
 - Brierley, Philip and Floyd F. Smith, 1944
 - Iris filifolia
 - Brierley, Philip and Floyd F. Smith, 1944
 - Iris germanica
 - Brierley, Philip and Frank P. McWhorter, 1936
 - McWhorter, F.P., 1935
 - Iris pallida
 - Brierley, Philip and Floyd F. Smith, 1944
 - Iris versicolor
 - Brierley, Philip and Floyd F. Smith, 1944
 - Kniphofia tucki
 - Brierley, Philip and Floyd F. Smith, 1944
 - Lilium davidi
 - Brierley, Philip, 1940

VIRUS

V. TULIP BREAKING

- Lilium hansonii*
 - Brierley, Philip, 1940
 - Brierley, Philip and Floyd F. Smith, 1944
- Lilium henryi*
 - Brierley, Philip and Floyd F. Smith, 1944
- Lilium humboldtii*
 - Brierley, Philip and Floyd F. Smith, 1944
- Lilium martagon* var. *album* x *Lilium hansonii*
 - Brierley, Philip, 1940
- Lilium nepalense*
 - Brierley, Philip, 1940
- Lilium pardalinum*
 - Brierley, Philip and Floyd F. Smith, 1944
- Lilium pardalinum* var. *giganteum* *
 - Brierley, Philip, 1940
- Lilium parryi*
 - Brierley, Philip and Floyd F. Smith, 1944
- Lilium parvum*
 - Brierley, Philip and Floyd F. Smith, 1944
- Lilium sargentiae*
 - Brierley, Philip and Floyd F. Smith, 1944
- Lilium superbum*
 - Brierley, Philip and Floyd F. Smith, 1944
- Lycopersicon esculentum*
 - McWhorter, F.P., 1935
- Maranta bicolor*
 - Brierley, Philip and Floyd F. Smith, 1944
- Medeola virginica*
 - Brierley, Philip and Floyd F. Smith, 1944
- Moraea iridioides*
 - Brierley, Philip and Floyd F. Smith, 1944
- Musa cavendishii*
 - Brierley, Philip and Floyd F. Smith, 1944
- Musa textilis*
 - Brierley, Philip and Floyd F. Smith, 1944
- Muscari polyanthum*
 - Brierley, Philip and Floyd F. Smith, 1944
- Narcissus poeticus*
 - McWhorter, F.P., 1935
- Narcissus pseudo-narcissus*
 - Brierley, Philip and Floyd F. Smith, 1944
- Nicotiana tabacum*
 - Brierley, Philip and S.P. Doolittle, 1940
- Nothoscordum fragrans*
 - Brierley, Philip and Floyd F. Smith, 1944
- Ophiopogon jaburan*
 - Brierley, Philip and Floyd F. Smith, 1944
- Ornithogalum thyrsoides*
 - Brierley, Philip and Floyd F. Smith, 1944
 - Smith, Floyd F. and Philip Brierley, 1944
- Petunia hybrida*
 - McWhorter, F.P., 1935
 - Tompkins, C.M., 1939
- Philodendron* spp.
 - Brierley, Philip and Floyd F. Smith, 1944
- Rhoeo discolor*
 - Brierley, Philip and Floyd F. Smith, 1944
- Saccharum officinarum*
 - Brierley, Philip and Floyd F. Smith, 1944
- Sansevieria zeylanica*
 - Brierley, Philip and Floyd F. Smith, 1944
- Scilla hispanica* (*Scilla campanulata*)
 - Brierley, Philip and Floyd F. Smith, 1944
- Secale cereale*
 - Brierley, Philip and Floyd F. Smith, 1944
- Smilacina racemosa*
 - Brierley, Philip and Floyd F. Smith, 1944
- Smilax* spp.
 - Brierley, Philip and Floyd F. Smith, 1944
- Tigridia pavonia*
 - Brierley, Philip and Floyd F. Smith, 1944
- Tricyrtis hirta*
 - Brierley, Philip and Floyd F. Smith, 1944
- Trillium* spp.
 - Brierley, Philip and Floyd F. Smith, 1944
- Tritonia crocata*
 - Brierley, Philip and Floyd F. Smith, 1944
- Tropaeolum majus*
 - McWhorter, F.P., 1935
- Uvularia sessilifolia*
 - Brierley, Philip and Floyd F. Smith, 1944

VIRUS

V. TULIP BREAKING

- Vallota purpurea*
 - Brierley, Philip and Floyd F. Smith, 1944
- Yucca baccata*
 - Brierley, Philip and Floyd F. Smith, 1944
- Yucca flaccida*
 - Brierley, Philip and Floyd F. Smith, 1944
- Zantedeschia aethiopica*
 - Brierley, Philip and Floyd F. Smith, 1944
- Zea mays*
 - Brierley, Philip and Floyd F. Smith, 1944
- Zephyranthes* spp.
 - Brierley, Philip and Floyd F. Smith, 1944
- Zephyranthes* spp.
 - Brierley, Philip and Floyd F. Smith, 1944
- V. TURNIP CRINKLE* Broadbent and Blencowe 1955
 - Amaranthus caudatus*
 - Broadbent, L. and G.D. Heathcote, 1958
 - Beta vulgaris*
 - Broadbent, L. and G.D. Heathcote, 1958
 - Corydalis lutea*
 - Broadbent, L. and G.D. Heathcote, 1958
 - Nicotiana clevelandi*
 - Broadbent, L. and G.D. Heathcote, 1958
 - Nicotiana glutinosa*
 - Broadbent, L. and G.D. Heathcote, 1958
 - Papaver rhoeas*
 - Broadbent, L. and G.D. Heathcote, 1958
 - Phaseolus vulgaris*
 - Broadbent, L. and G.D. Heathcote, 1958
 - Vicia faba*
 - Broadbent, L. and G.D. Heathcote, 1958
 - Viola tricolor* var. *hortensis*
 - Broadbent, L. and G.D. Heathcote, 1958
- V. TURNIP MOSAIC* Gardner and Kendrick 1921; Schultz 1921; Chamberlain 1936; Tompkins 1938
 - Alyssum maritimum*
 - Tompkins, C.M., 1938, 1939
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Alyssum saxatile*
 - Tompkins, C.M., 1939
 - Antirrhinum majus*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
 - Apium graveolens*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
 - Arabis albida*
 - LeBeau, Francis J. and J.C. Walker, 1945
 - Tompkins, C.M., 1939
 - Atropa belladonna*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Avena sativa*
 - Tompkins, C.M. and H. Rex Thomas, 1938
 - Barbarea vulgaris*
 - Pound, Glenn S., 1948
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
 - Begonia semperflorens*
 - Tompkins, C.M., 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
 - Bellis perennis*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
 - Beta vulgaris*
 - Berkeley, G.H. and J.H. Tremaine, 1954
 - Dale, W.T., 1948
 - Beta vulgaris* var. *cicla*
 - Berkeley, G.H. and J.H. Tremaine, 1954
 - Dale, W.T., 1948
 - Brassica adpressa*
 - Tompkins, C.M., 1939
 - Brassica campestris* var. *napobrassica*
 - Tompkins, C.M., 1939
 - Brassica hirta* (*Brassica alba*)
 - Tompkins, C.M., 1938
 - Tompkins, C.M. and H. Rex Thomas, 1938
 - Brassica integrifolia* var. *chevalieri* *
 - Tompkins, C.M., 1938
 - Tompkins, C.M. and H. Rex Thomas, 1938*

VIRUS

V. TURNIP MOSAIC (cont.)

- Brassica juncea* (*Brassica japonica*)
 - Tompkins, C.M., 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Brassica kaber* (*Brassica arvensis*)
 - Tompkins, C.M., 1938
- Brassica napus*
 - Tompkins, C.M., 1938, 1939
- Brassica nigra*
 - Tompkins, C.M., 1938
- Brassica oleracea* var. *acephala*
 - Sylvester, Edward S., 1953
 - Takahashi, William N., 1949
 - Tompkins, C.M., 1938, 1939
- Brassica oleracea* var. *botrytis*
 - Dale, W.T., 1948
 - LeBeau, Francis J. and J.C. Walker, 1945
 - Pound, Glenn S., 1948
 - Severin, Henry H.P. and C.M. Tompkins, 1950
 - Sylvester, Edward S., 1953
 - Takahashi, William N., 1949
 - Tompkins, C.M., 1938, 1939
- Brassica oleracea* var. *capitata*
 - Clayton, E.E., 1930
 - Dale, W.T., 1948
 - LeBeau, Francis J. and J.C. Walker, 1945
 - Sylvester, Edward S., 1953
 - Takahashi, William N., 1949
 - Tompkins, C.M., 1939
- Brassica oleracea* var. *caulorapa*
 - Dale, W.T., 1948
 - Sylvester, Edward S., 1953
 - Takahashi, William N., 1949
 - Tompkins, C.M., 1938, 1939
- Brassica oleracea* var. *gemmifera*
 - LeBeau, Francis J. and J.C. Walker, 1945
 - Sylvester, Edward S., 1953
 - Takahashi, William N., 1949
 - Tompkins, C.M., 1938, 1939
- Brassica oleracea* var. *gongylodes*
 - LeBeau, Francis J. and J.C. Walker, 1945
- Brassica oleracea* var. *viridis*
 - LeBeau, Francis J. and J.C. Walker, 1945
- Callistephus chinensis*
 - Tompkins, C.M., 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Campanula medium*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Capsicum frutescens* var. *cerasiforme*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- Centaurea nigra*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- Cheiranthus allionii*
 - LeBeau, Francis J. and J.C. Walker, 1945
- Cheiranthus cheiri*
 - Tompkins, C.M., 1938, 1939
- Chenopodium album*
 - Tompkins, C.M., 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Chenopodium murale*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Chrysanthemum coronarium*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Chrysanthemum maximum*
 - Tompkins, C.M., 1939
- Clarkia elegans*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Cucumis sativus*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Cuscuta californica*
 - Bennett, C.W., 1944
- Cuscuta campestris*
 - Bennett, C.W., 1944
- Cuscuta subinclusa*
 - Bennett, C.W., 1944

VIRUS

V. TURNIP MOSAIC (cont.)

- Datura stramonium*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- Delphinium ajacis*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Delphinium cultorum*
 - Tompkins, C.M., 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Dianthus barbatus*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Dianthus caryophyllus*
 - Tompkins, C.M., 1939
- Dimorphotheca aurantiaca*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Dolichos lablab*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- Gaillardia pulchella* var. *picta*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Gerbera jamesonii* var. *transvaalensis*
 - Tompkins, C.M., 1939
- Geum chiloense*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Glycine max*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- Godetia grandiflora*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Gypsophila paniculata*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Heliotropium peruvianum*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Hesperis matronalis*
 - LeBeau, Francis J. and J.C. Walker, 1945
- Hibiscus esculentus*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- Ipomoea purpurea*
 - Tompkins, C.M., 1939
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- Lactuca sativa* var. *capitata*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Limonium latifolium*
 - Tompkins, C.M., 1938
- Lobelia hybrida*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Lunaria annua*
 - Tompkins, C.M., 1939
- Lycopersicon esculentum* var. *vulgare*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Lycopersicon pimpinellifolium*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938
- Malcolmia maritima*
 - Tompkins, C.M., 1939
- Matthiola bicornis*
 - Tompkins, C.M., 1938
- Matthiola incana*
 - Tompkins, C.M., 1939
- Matthiola incana* var. *annua*
 - LeBeau, Francis J. and J.C. Walker, 1945
- Mirabilis jalapa*
 - Walker, J.C., Francis J. LeBeau and Glenn S. Pound, 1945
- Myosotis alpestris*
 - Tompkins, C.M., 1938, 1939
 - Tompkins, C.M. and H. Rex Thomas, 1938

VIRUS

V. TURNIP MOSAIC (cont.)

Nicotiana alata var. *grandiflora*

Dale, W. T., 1948

Nicotiana chinensis

Dale, W. T., 1948

Nicotiana glauca

Bennett, C. W., 1944

Nicotiana glutinosa

Dale, W. T., 1948

Sylvester, Edward S., 1953

Takahashi, William N., 1949

Tompkins, C. M., 1939

Nicotiana langsdorffii

Tompkins, C. M., 1938, 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Nicotiana repanda

LeBeau, Francis J. and J.C. Walker, 1945

Nicotiana rustica

Dale, W. T., 1948

LeBeau, Francis J. and J.C. Walker, 1945

Nicotiana rustica var. *humuliflora* *

Tompkins, C. M., 1938, 1939

Nicotiana sanderae

Dale, W. T., 1948

Nicotiana sylvestris

Dale, W. T., 1948

LeBeau, Francis J. and J.C. Walker, 1945

Nicotiana tabacum

LeBeau, Francis J. and J.C. Walker, 1945

Sylvester, Edward S., 1953

Takahashi, William N., 1949

Tompkins, C. M., 1938

Nicotiana tabacum x *Nicotiana glutinosa*

LeBeau, Francis J. and J.C. Walker, 1945

Papaver nudicaule

Tompkins, C. M. and H. Rex Thomas, 1938

Papaver orientale

Tompkins, C. M., 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Pelargonium zonale

Tompkins, C. M., 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Penstemon barbatus

Tompkins, C. M., 1938, 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Petunia hybrida

Tompkins, C. M. and H. Rex Thomas, 1938

Phaseolus coccineus

Walker, J.C., Francis J. LeBeau and Glenn S.

Pound, 1945

Pisum sativum

Tompkins, C. M., 1938, 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Raphanus sativus

Berkeley, G. H. and J. H. Tremaine, 1954

Berkeley, G. H. and M. Weintraub, 1952

Gardner, Max W. and James B. Kendrick, 1921

Tompkins, C. M., 1938, 1939

Raphanus sativus var. *longipinnatus* *

Tompkins, C. M., 1939

Raphanus sativus var. *radicula*

Dale, W. T., 1948

Reseda odorata

Tompkins, C. M. and H. Rex Thomas, 1938

Rheum rhabarbarum

Tompkins, C. M., 1938, 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Ricinus communis

Tompkins, C. M., 1938, 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Salvia farinacea

Tompkins, C. M., 1938, 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Scabiosa atropurpurea

Tompkins, C. M., 1938, 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Senecio cruentus

Tompkins, C. M., 1938, 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Solanum aviculare

Tompkins, C. M., 1938, 1939

Tompkins, C. M. and H. Rex Thomas, 1938

VIRUS

V. TURNIP MOSAIC (cont.)

Solanum dulcamara

Walker, J. C., Francis J. LeBeau and Glenn S.

Pound, 1945

Solanum integrifolium

Pound, Glenn S., 1948

Walker, J. C., Francis J. LeBeau and Glenn S.

Pound, 1945

Solanum pseudocapsicum

Walker, J. C., Francis J. LeBeau and Glenn S.

Pound, 1945

Solanum tuberosum

Schultz, E. S., 1921

Tompkins, C. M., 1938, 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Spinacia oleracea

LeBeau, Francis J. and J. C. Walker, 1945

Tompkins, C. M., 1938, 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Tagetes erecta

Tompkins, C. M., 1938, 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Tagetes patula

Tompkins, C. M., 1938, 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Taraxacum officinale

Tompkins, C. M., 1938, 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Tropaeolum majus

Tompkins, C. M., 1938, 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Verbena hybrida

Tompkins, C. M., 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Vicia faba

Tompkins, C. M., 1938, 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Vigna sinensis

Walker, J. C., Francis J. LeBeau and Glenn S.

Pound, 1945

Vigna unguiculata

Dale, W. T., 1948

Viola cornuta

Tompkins, C. M., 1939

Viola tricolor

Tompkins, C. M., 1938, 1939

Tompkins, C. M. and H. Rex Thomas, 1938

Zea mays

Tompkins, C. M., 1938, 1939

Tompkins, C. M. and H. Rex Thomas, 1938

V. TURNIP ROSETTE *

Amaranthus caudatus

Broadbent, L. and G. D. Heathcote, 1958

Beta vulgaris

Broadbent, L. and G. D. Heathcote, 1958

Brassica hirta (*Brassica alba*)

Broadbent, L. and G. D. Heathcote, 1958

Brassica nigra

Broadbent, L. and G. D. Heathcote, 1958

Capsella bursa-pastoris

Broadbent, L. and G. D. Heathcote, 1958

Celosia argentea var. *plumosa* *

Broadbent, L. and G. D. Heathcote, 1958

Chenopodium album

Broadbent, L. and G. D. Heathcote, 1958

Chenopodium amaranthicolor

Broadbent, L. and G. D. Heathcote, 1958

Gomphrena globosa

Broadbent, L. and G. D. Heathcote, 1958

Lycopersicon esculentum

Broadbent, L. and G. D. Heathcote, 1958

Nicotiana glutinosa

Broadbent, L. and G. D. Heathcote, 1958

Nicotiana tabacum

Broadbent, L. and G. D. Heathcote, 1958

Phaseolus vulgaris

Broadbent, L. and G. D. Heathcote, 1958

Vicia faba

Broadbent, L. and G. D. Heathcote, 1958

VIRUS

V. TURNIP YELLOW MOSAIC Markham and Smith 1946

- Chenopodium album*
Broadbent, L. and G.D. Heathcote, 1958
- Chenopodium amaranticolor*
Broadbent, L. and G.D. Heathcote, 1958
- Cucumis sativus*
Broadbent, L. and G.D. Heathcote, 1958
- Datura stramonium*
Broadbent, L. and G.D. Heathcote, 1958
- Gomphrena globosa*
Broadbent, L. and G.D. Heathcote, 1958
- Nicotiana bigelovii* var. *multivalvis* *
Broadbent, L. and G.D. Heathcote, 1958
- Nicotiana clevelandi*
Broadbent, L. and G.D. Heathcote, 1958
- Nicotiana glutinosa*
Broadbent, L. and G.D. Heathcote, 1958
- Nicotiana tabacum*
Broadbent, L. and G.D. Heathcote, 1958
- Papaver rhoeas*
Broadbent, L. and G.D. Heathcote, 1958
- Phaseolus vulgaris*
Broadbent, L. and G.D. Heathcote, 1958
- Tetragonia expansa*
Broadbent, L. and G.D. Heathcote, 1958
- Vicia faba*
Broadbent, L. and G.D. Heathcote, 1958
- Viola tricolor* var. *hortensis*
Broadbent, L. and G.D. Heathcote, 1958

V. VACCINIUM FALSE BLOSSOM

- Begonia* spp.
Kunkel, L.O., 1945
- Callistephus chinensis*
Kunkel, L.O., 1945
- Cuscuta campestris*
Costa, A.S., 1944
Kunkel, L.O., 1943, 1945
- Medicago sativa*
Costa, A.S., 1944
Kunkel, L.O., 1945
- Prunus persica* (*Amygdalus persica*)
Kunkel, L.O., 1945

V. VACCINIUM RING SPOT Hutchinson and Varney 1954

- Cuscuta* spp.
Hilborn, M.T. and Reiner Bonde, 1956

V. VACCINIUM STUNT Wilcox 1942

- Cuscuta subinclusa*
Hutchinson, M.T., A.C. Goheen and E.H. Varney, 1955

V. VINCA YELLOWS *

- Cuscuta* spp.
Maramorosch, Karl, 1957
- Cuscuta subinclusa*
Maramorosch, Karl, 1956

V. WATERMELON MOSAIC Anderson 1954

- Capsicum frutescens* (*Capsicum annuum*)
Anderson, C.W., 1954
- Datura stramonium*
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
- Momordica charantia*
Anderson, C.W., 1954
- Nicotiana glutinosa*
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
- Nicotiana rustica*
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
- Nicotiana tabacum*
Anderson, C.W., 1954
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
- Vigna sinensis*
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956
- Zinnia elegans*
Anderson, C.W., 1954
Lindberg, G.D., D.H. Hall and J.C. Walker, 1956

V. WHEAT SPOT MOSAIC *

- Avena fatua*
Slykhuis, John T., 1956

VIRUS

V. WHEAT SPOT MOSAIC * (cont.)

- Avena sativa*
Slykhuis, John T., 1956
- Bromus japonicus*
Slykhuis, John T., 1956
- Bromus secalinus*
Slykhuis, John T., 1956
- Bromus tectorum*
Slykhuis, John T., 1956
- Digitaria sanguinalis*
Slykhuis, John T., 1956
- Echinochloa crus-galli*
Slykhuis, John T., 1956
- Panicum capillare*
Slykhuis, John T., 1956
- Panicum miliaceum*
Slykhuis, John T., 1956
- Secale cereale*
Slykhuis, John T., 1956
- V. WHEAT STREAK MOSAIC McKinney 1944, 1953**
- Agropyron amurense*
McKinney, H.H. and W.J. Sando, 1951
- Agropyron ciliare* *
Slykhuis, J.T., 1952
- Agropyron cristatum*
McKinney, H.H. and W.J. Sando, 1951
Slykhuis, J.T., 1952, 1955
- Agropyron dasycatchyum*
McKinney, H.H. and W.J. Sando, 1951
Slykhuis, J.T., 1952
- Agropyron desertorum*
Slykhuis, J.T., 1952
- Agropyron divaricatum*
McKinney, H.H. and W.J. Sando, 1951
- Agropyron elongatum*
Fellows, Hurley and John W. Schmidt, 1953
Slykhuis, J.T., 1952, 1955
- Agropyron inerme*
Slykhuis, J.T., 1952
- Agropyron intermedium*
Fellows, Hurley and John W. Schmidt, 1953
Slykhuis, J.T., 1952, 1955
- Agropyron junceum*
Slykhuis, J.T., 1952
- Agropyron pertenue*
Slykhuis, J.T., 1952
- Agropyron repens*
McKinney, H.H. and W.J. Sando, 1951
Slykhuis, J.T., 1952, 1955
- Agropyron rigidum*
Slykhuis, J.T., 1952
- Agropyron semicostatum*
McKinney, H.H. and W.J. Sando, 1951
- Agropyron sibiricum*
McKinney, H.H. and W.J. Sando, 1951
- Agropyron smithii*
Sill, W.H., Jr. and Patrick C. Agusibobo, 1955
Slykhuis, John T., 1955
- Agropyron spicatum*
McKinney, H.H. and W.J. Sando, 1951
- Agropyron trachycaulum*
Slykhuis, J.T., 1952, 1955
- Agropyron trichophorum*
Slykhuis, J.T., 1952
- Agrostis alba*
Slykhuis, John T., 1955
- Allium cepa*
Sill, W.H., Jr. and Patrick C. Agusibobo, 1955
- Alopecurus pratensis*
Sill, W.H., Jr. and Patrick C. Agusibobo, 1955
- Amaryllis* spp.
Sill, W.H., Jr. and Patrick C. Agusibobo, 1955
- Andropogon hallii*
Sill, W.H., Jr. and Patrick C. Agusibobo, 1955
- Andropogon ischaemum*
Sill, W.H., Jr. and Patrick C. Agusibobo, 1955
- Andropogon sibiricus*
Sill, W.H., Jr. and Patrick C. Agusibobo, 1955
- Arrhenatherum elatius*
Sill, W.H., Jr. and Patrick C. Agusibobo, 1955
- Avena fatua*
Slykhuis, J.T., 1952

VIRUS

V. WHEAT STREAK MOSAIC (cont.)

- Belamcanda chinensis*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Bromus carinatus*
McKinney, H.H., 1949
- Bromus inermis*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
Slykhuis, J.T., 1952, 1955
- Buchloe dactyloides*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Canna spp.*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Chenopodium album*
Meiners, Jack P. and H.H. McKinney, 1954
- Codium variegatum*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Coix lacryma-jobi*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Convallaria majalis*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Cortaderia selloana*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Crocus spp.*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Cyperus alternifolius*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Cyperus esculentus*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Cypripedium spp.*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Dactylis glomerata*
Finley, A.M., 1957
- Festuca rubra*
Slykhuis, J.T., 1952, 1955
- Ficus elastica*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Gladiolus spp.*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Hordeum jubatum*
Slykhuis, J.T., 1952, 1955
- Iris spp.*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Kalanchoe spp.*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Lilium candidum*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Maranta bicolor*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Musa spp.*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Muscari armeniacum*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Ornithogalum spp.*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Oryza sativa*
Kahn, Robert P. and Ottie J. Dickerson, 1957
- Panicum maximum*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Panicum miliaecum*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
Slykhuis, J.T., 1952
- Panicum virgatum*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Pedilanthus tithymaloides*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Pennisetum glaucum*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Peperomia spp.*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Phalaris arundinacea*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
Slykhuis, J.T., 1952
- Phalaris arundinacea x Phalaris tuberosa*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Philodendron spp.*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955

VIRUS

V. WHEAT STREAK MOSAIC (cont.)

- Phleum pratense*
Slykhuis, J.T., 1952, 1955
- Poa pratensis*
Slykhuis, J.T., 1952, 1955
- Polygonatum spp.*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Rhoeo discolor*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Saccharum officinarum*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Sagittaria montevidensis*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Sansevieria thyrsiflora*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Secale cereale*
Slykhuis, J.T., 1952
- Setaria lutescens*
Slykhuis, J.T., 1952, 1955
- Smilacina spp.*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Sorghastrum nutans*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Sorghum album*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Sorghum halepense*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Sorghum versicolor*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Sorghum vulgare*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
Slykhuis, J.T., 1952
- Sorghum vulgare var. saccharatum*
Finley, A.M., 1957
- Sorghum vulgare var. sudanense*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Tulipa spp.*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Typha latifolia*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Yucca glauca*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- Zea mays*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
Slykhuis, J.T., 1952
- Zebrina pendula*
Sill, W.H., Jr. and Patrick C. Agusiobo, 1955
- V. WISCONSIN PEA STREAK Hagedorn and Walker 1949
- Cucumis sativus*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Datura stramonium*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Lupinus angustifolius*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Lycopersicon esculentum*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Medicago sativa*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Skotland, C.B. and D.J. Hagedorn, 1954*
- Nicotiana glutinosa*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Nicotiana rustica*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Nicotiana tabacum*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Phaseolus vulgaris*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Trifolium repens*
Hagedorn, D.J. and J.C. Walker, 1949, 1954
- Vicia faba var. major **
Hagedorn, D.J. and J.C. Walker, 1949
- Vicia faba var. minor*
Hagedorn, D.J. and J.C. Walker, 1949
- Vicia sativa*
Hagedorn, D.J. and J.C. Walker, 1949
- Vigna sinensis*
Hagedorn, D.J. and J.C. Walker, 1949, 1954

ABUTILONVIRUS

Abutilonvirus variegans, Roland 1959, 127.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor abutilon, Holmes 1939b, 50, q.v.

ACARINOPHILUS, Ryzhkov 1952, 466.
(Gen. Vir.) (Val. Pub., Leg.)
Dacavirus, Hansen 1956, 130.
Type sp. (Subs. des. Barkley 1960, 68):
Acarinophilus antholysatus, Ryzhkov 1952, 466.

Acarinophilus antholysatus, Ryzhkov 1952, 466.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24b)
Acrogenus ribis, Holmes 1939b, 122, q.v.
Comment: Type species of genus *Acarinophilus*,
Ryzhkov 1952, 466.

ACAVIRACEAE, Hansen 1956, 130.
(Fam. Vir.) (Val. Pub., Illeg.: Rule 3)
Comment: Includes one collective genus:
Dacavirus, Hansen 1956, 130.

ACROGENUS, Holmes 1939, 110.
(Gen. Vir.) (Val. Pub., Leg.)
Type sp. (orig. des.): *Acrogenus solani*, Holmes
1939, 111.

ACROGENUS, Holmes 1939a, 435.
(Gen. Vir.) (Not Val. Pub.: Rule 12a2)
Acrogenus, Holmes 1939b, 110, q.v.
Type sp. (orig. des.): *Acrogenus solani*, Holmes
1939a, 435.

ACROGENUS, Holmes 1939b, 110: McKinney 1944a, 152.
(Gen. Vir.) (Val. Pub., Leg.)
Acrogenus, Holmes 1939a, 435.
Aerogenodes, Bitancourt 1953, 453.
Mexevirus, Hansen 1956, 128.

Type sp. (orig. des.): *Acrogenus solani*, Holmes
1939b, 111.

Acrogenus ribis, Holmes 1939b, 112.
(Sp. Vir.) (Val. Pub., Leg.)
Acarinophilus antholysatus, Ryzhkov 1952, 466.
Type species of genus *Acarinophilus*, Ryzhkov 1952, 466.
Dacavirus ribis, (Holmes) Hansen 1956, 130.
Type species of genus *Dacavirus*, Hansen 1956, 130.
Ribesvirus senticosum, Roland 1959, 128.

Acrogenus rosettae, "Holmes" in Smith 1957, 24.
in syn. (Sp. Vir.) (Not Val. Pub., Rule 12d)
Acrogenus rosettae, van Katwijk 1953, 235.

Acrogenus rosettae, van Katwijk 1953, 235.
(Sp. Vir.) (Val. Pub., Leg.)
Pyrusvirus rosettans, Roland 1959, 127.

Acrogenus solani, Holmes 1939a, 435.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Acrogenus solani, Holmes 1939b, 111, q.v.
Type species of genus *Acrogenus*, Holmes 1939b, 110.
Comment: Type species of genus *Acrogenus*, Holmes
1939a, 435.

Acrogenus solani, Holmes 1939b, 111.
(Sp. Vir.) (Val. Pub., Leg.)
Mexevirus solani, (Holmes) Hansen 1956, 128,
typé species of genus *Mexevirus*, Hansen 1956, 128.
Solanumvirus coleopterotranslatum, Roland 1952b, 53.
Solanumvirus fusifaciens, Kohler 1952, 51.
Solanumvirus fusiformis, (sic) Roland 1959, 129.
Comment: Type species of genus *Acrogenus*, Holmes
1939b, 110.

Acrogenus solani var. *severus*, Holmes 1939b, 112.
(Var. Vir.) (Val. Pub., Leg.)

Acrogenus solani var. *vulgaris*, Holmes 1939b, 111.
(Var. Vir.) (Val. Pub., Illeg.: Rule 7)
Comment: Type variety of *Acrogenus solani*, Holmes
1939b, 111.

ADELONODES, Bitancourt 1953, 453.
(Gen. Vir.) (Not Val. Pub.: Rule 12c2)
Adelonosus, Brierley and Smith 1944, 551, q.v.

ADELONOSUS, Brierley and Smith 1944, 551.

(Gen. Vir.) (Val. Pub., Leg.)

Adelanodes, Bitancourt 1953, 453.

Type sp. (orig. des.): *Adelonosus lili*, Brierley and
Smith 1944, 551.

Adelonosus lili, Brierley and Smith 1944, 551.

(Sp. Vir.) (Val. Pub.: Leg.)

Liliumvirus occultum, Roland 1959, 129.

Comment: Type species of genus *Adelonosus*, Brierley
and Smith 1944, 551.

AGALLIOPHILUS, Ryzhkov 1952, 466.

(Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)

Aureogenus, Black 1944, 141, q.v.

Type sp. (monotype): *Agalliphilus tuberosi*, Ryzhkov
1952, 466.

Agalliphilus tuberosi, Ryzhkov 1952, 466.

(Sp. Vir.) (Not Val. Pub., : Rule 14a2)

Marmor vastans, Holmes 1939b, 94, q.v.

Aureogenus vastans, (Holmes) Black 1944, 141, q.v.,
type species of genus *Aureogenus*, Black 1944, 141.

AGROPYRUMVIRUS

Agropyrumvirus maculans, Roland 1959, 127.

(Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Marmor agropyri, McKinney 1944b, 326, q.v.

ALEVIRACEAE, Hansen 1956, 129.

(Fam. Vir.) (Val. Pub., Illeg., Rule 3)

Comment: Includes collective genera

Malevirus, Hansen 1956, 129 and

Dalevirus, Hansen 1956, 129.

ALLIUMVIRUS

Alliumvirus flavorugans, Roland 1959, 129.

(Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Marmor cepae, Holmes 1939b, 66, q.v.

ANNULACEAE, Holmes 1939b, 97.

(Fam. Vir.) (Val. Pub., Leg.)

Type genus: *Annulus*, Holmes 1939b, 97.

ANEMONEVIRUS

Anemonevirus deformans, Roland 1959, 127.

(Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Galla anemones, Holmes 1939b, 108, q.v.

ANNULUS, Holmes 1939a, 435.

(Gen. Vir.) (Not Val. Pub.: Rule 12a2)

Annulus, Holmes 1939b, 97, q.v.

Type sp. (orig. des.): *Annulus tabaci*, Holmes 1939a,
435.

ANNULUS, Holmes 1939b, 97.

(Gen. Vir.) (Val. Pub., Leg.)

Annulus, Holmes 1939a, 435.

Minglobus, Hansen 1956, 127.

Type sp. (orig. des.): *Annulus tabaci*, Holmes 1939b,
98.

Annulus apertus, Holmes 1948, 1214.

(Sp. Vir.) (Val. Pub.: Leg.)

Annulus behrensius, Schmelzer 1957, 311.

(Sp. Vir.) (Val. Pub., Leg.)

Annulus bergerac, Holmes 1939, 102.

Source: Bergerac-ring spot of tobacco (*Nicotiana*
tabacum).
(B. '48, 1216)

Annulus cerasi, Hildebrand 1944, 1003.

(Sp. Vir.) (Val. Pub., Leg.)

Prunivir circummaculatum, Cochran et al. 1951, 71.

Prunivir circummaculatum, "Fawcett" in Smith 1957,
342.

Persicavirus anulosum, Roland 1959, 193.

Annulus delphinii, Holmes 1948, 1216.

(Sp. Vir.) (Val. Pub., Leg.)

- Annulus dubius*, (Holmes) Holmes 1948, 1214.
 (Sp. Vir.) (Val. Pub., Leg.)
Marmor dubium, Holmes 1939a, 434.
Marmor dubium, Holmes 1939b, 42, q.v.
Solanophilus tuberosi, Ryzhkov 1952, 465,
 type species of genus *Solanophilus*, Ryzhkov 1952, 465.
Solanum-virus deformans, Kohler 1952a, 294, type
 species of genus *Solanum-virus*, Kohler 1952a, 465.
Minflexus solani, Hansen 1956, 127,
 type species of genus *Minflexus*, Hansen 1956, 127.
Minivirus solani, Hansen 1958, 222.
 Type var. (orig. des.): *Annulus dubius* var. *vulgaris*,
 Holmes 1948, 1215.
- Annulus dubius* var. *annulus*, (Holmes) Holmes 1948, 1215.
 (Va. Vir.) (Val. Pub., Leg.)
Marmor dubium var. *annulus*, Holmes 1939a, 435.
Marmor dubium var. *annulus*, Holmes 1939b, 44, q.v.
Solanumvirus anulosum, Kohler 1952b, 51.
Solanum virus contactutranslatum, Roland 1952, 55.
Solanumvirus X-nominatum, Roland 1959, 129.
- Annulus dubius* var. *flavus*, (Holmes) Holmes 1948, 1216.
 (Var. Vir.) (Val. Pub., Leg.)
Marmor dubium var. *flavum*, Holmes 1939b, 46, q.v.
- Annulus dubius* var. *obscurus*, (Holmes) Holmes 1948,
 (Var. Vir.) (Val. Pub., Leg.) 1216.
Marmor dubium var. *obscurum*, Holmes 1939b, 46, q.v.
- Annulus dubius* var. *vulgaris*, (Holmes) Holmes 1948,
 (Var. Vir.) (Va. Pub., Illeg.: Rule 7) 1215.
Marmor dubium var. *vulgaris*, Holmes 1939b, 42, q.v.
 Comment: Type variety of species *Annulus dubius*,
 (Holmes) Holmes 1948, 1214.
- Annulus lamii*, Lovisolo 1957, 131.
 (Sp. Vir.) (Val. Pub., Leg.)
- Annulus orae*, Holmes 1939b, 103.
 (Sp. Vir.) (Val. Pub., Leg.)
Tractus orae, (Holmes) Valleau 1940, 826, q.v.,
 type species of genus *Tractus*, Valleau 1940, 826.
Nicotianavirus vulnerans, Roland 1959, 130.
- Annulus orae* var. *phaseoli*, Thomas and Zaumeyer 1950
 (Var. Vir.) (Val. Pub., Leg.) 845.
- Annulus pruni*, Christoff 1958, 383.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor persicae, Holmes 1939b, 81, q.v.
Flavimacula persicae, (Holmes) McKinney 1944a, 149,
 q.v.,
 type species of genus *Flavimacula*, McKinney 1944a,
 149.
- Annulus pyri*, Christoff 1958, 424.
 (Sp. Vir.) (Val. Pub., Leg.)
Marmor dilucidum, van Katwijk according to Baumann
 1958, 126, 132.
- Annulus tabaci*, Holmes 1939a, 435.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Annulus tabaci, Holmes 1939b, 98, q.v.
- Annulus tabaci*, Holmes 1939b, 98.
 (Sp. Vir.) (Val. Pub., Leg.)
Annulus tabaci, Holmes 1939a, 435.
Marmor anularium, McKinney 1944b, 327.
Minivirus nico-orbis, Hansen 1948, 222.
Minglobus nico-orbis, Hansen 1956, 127.
Nicotianavirus anulosum, Roland 1959, 130.
 Type sp. of genus *Annulus*, Holmes 1939b, 97.
 Source: Ring spot of tobacco (*Nicotiana tabacum*)
- Annulus tabaci* var. *auratus*, Holmes 1939a, 435.
 (Var. Vir.) (Not Val. Pub.: Rule 12a2)
Annulus tabaci var. *auratus*, Holmes 1939a, 100.
- Annulus tabaci* var. *cyamopsis*, Cooper 1949, 356.
 (Var. Vir.) (Val. Pub., Leg.)
- Annulus tabaci* var. *kentuckiensis*, Holmes 1939a, 435.
 (Var. Vir.) (Not Val. Pub.: Rule 12a2)
Annulus tabaci var. *kentuckiensis*, Holmes 1939b, 99.
- Annulus tabaci* var. *kentuckiensis*, Holmes 1939b, 99.
 (Var. Vir.) (Val. Pub., Leg.)
Annulus tabaci var. *kentuckiensis*, Holmes 1939a, 435.
 Source: Green ring spot of tobacco (*Nicotiana tabacum*)
- Annulus tabaci* var. *pennsylvanicus*, Tall, Price and
 Wertman 1949, 288.
 (Var. Vir.) (Val. Pub., Leg.)
- Annulus tabaci* var. *virginiensis*, Holmes 1939a, 435.
 (Var. Vir.) (Not Val. Pub.: Rule 12a2)
Annulus tabaci var. *virginiensis*, Holmes 1939b, 98,
 q.v.
- Annulus tabaci* var. *virginiensis*, Holmes 1939b, 98.
 (Var. Vir.) (Val. Pub., Leg.)
Annulus tabaci var. *virginiensis*, Holmes 1939a, 435.
Marmor anularium, McKinney 1944, 327.
 Type var. of sp. *Annulus tabaci*, Holmes 1939b, 98.
- Annulus wellmanii*, Anderson 1954a, 91.
 (Sp. Vir.) (Val. Pub., Leg.)
- Annulus zonatus*, Holmes 1939a, 435.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Annulus zonatus, Holmes 1939b, 101, q.v.
- Annulus zonatus*, Holmes 1939b, 101.
 (Sp. Vir.) (Val. Pub., Leg.)
Annulus zonatus, Holmes 1939a, 435.
- APHICHORDOIDEAE, Hansen 1956, 123.
 (Sub fam. Vir.) (Val. Pub., Illeg., Rule 3)
 Comment: Includes *Maphichorda*, Hansen 1956, 123.
- APHIDOLPHILUS, Ryzhkov 1952, 465.
 (Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
Murielba, Valleau 1940, 823, q.v.
 Type sp. (subs. des. : Barkley 1958, 124):
Aphidophilus cucumeris, (Holmes) Ryzhkov 1952, 465.
- Aphidophilus betae*, Ryzhkov 1952, 465.
 (Sp. Vir.) (Not Val. Pub.: Rule 14a2)
Marmor betae, Holmes 1939b, 72, q.v.
- Aphidophilus cruciferae*, Ryzhkov 1952, 465.
 (Sp. Vir.) (Not Val. Pub.: Rule 14a2)
Marmor brassicae, Holmes 1939b, 70, q.v.
- Aphidophilus cruciferae*, Ryzhkov in Klinkowski and
 Uschdraveit 1958, 84.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor brassicae, Holmes 1939b, 70, q.v.
- Aphidophilus cucurbitae*, Kohler and Klinkowski 1954, 677.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor cucumeris, Holmes 1939b, 31, q.v.
Murielba cucumeris, (Holmes) Valleau 1940, 823, q.v.
- Aphidophilus phaseoli*, Ryzhkov 1952, 465.
 (Sp. Vir.) (Not Val. Pub.: Rule 14a2)
Marmor phaseoli, Holmes 1938b, 87, q.v.
- Aphidophilus tuberosi*, Ryzhkov 1952, 465.
 (Sp. Vir.) (Not Val. Pub.: Rule 14a2)
Marmor epsilon, (Holmes) Holmes 1948, 1172, q.v.
- Aphidophilus tulipae*, Ryzhkov 1952, 465.
 (Sp. Vir.) (Not Val. Pub.: Rule 14a2)
Marmor tulipae, Holmes 1939b, 52, q.v.
- APHIDOPHILACEAE, Ryzhkov 1952, 466.
 (Fam. Vir.) (Val. Pub., Leg.)
 Type genus: *Aphidophilus*, Ryzhkov (Aphidaephilaceae,
 Sukhov, p. 264.)
- APHIGLOBOIDEAE, Hansen 1956, 123, 124.
 (Subfam. Vir.) (Val. Pub., Illeg., Rule 3)
 Comment: Includes *Maphiglobus*, Hansen 1956, 123,
 124.
- APHIVIRACEAE, Hansen 1956, 122.
 (Fam. Vir.) (Val. Pub., Illeg., Rule 3)
 Comment: Includes 3 subfamilies:
Aphilexoidea, Hansen 1956, 123,
Aphichoroidea, Hansen 1956, 123,
Aphigloboidea, Hansen 1956, 124,
 and 2 collective genera: *Maphivirus*, Hansen 1956, 122
 and *Daphivirus*, Hansen 1956, 123.

APHIVIRALES, Hansen 1956, 122.
 (Ord. Vir.) (Val. Pub., Leg.)
 Comment: Includes the family Aphiviraceae, Hansen
 1956, 122.

APIUMVIRUS

Apiumvirus maculans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor umbelliferarum, Holmes 1939b, 67, q.v.

ARACHISVIRUS

Arachisvirus rosettans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor arachidis, Holmes 1939b, 67, q.v.

ARCANA, Thomas and Rawlins 1951d, 189.
 (Gen. Vir.) (Val. Pub., Illeg.: Rule 12, Principle 1
 (2))
 Comment: See Editorial Board 1953, 114.

Arcana caelestia, Thomas and Rawlins 1951d, 189.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 12, Principle 1
 (2))
 Comment: Dr. Thomas in correspondence states that
 "my binomials are not intended as usable names for
 the corresponding viruses." See Editorial Board 1953,
 114.

ARTHROPODOPHAGA, Krieg 1961, 42.
 (Class Vir.) (Val. Pub., Leg.)

ARTHROPODOPHAGI, Holmes 1939a, 436.
 (Class, Vir.) (Val. Pub., Leg.)
 Crystallobiota, Ryzhkov 1950, 14.
 Thymonucleoproteinales, Zukhov 1956, 264.
 Pseudocrystallinae, Ryzhkov 1952, 465.

AUREOGENUS, Black 1944, 141.
 (Gen. Vir.) (Val. Pub., Leg.)
 Solanivir, Fawcett 1940, 560.
 Agalliophilus, Ryzhkov 1952, 466.
 Mecicavirus, Hansen 1956, 124.
 Aureogenusvirus, Krieg and Huger 1960, 404.
 Aureogenusvirus, Krieg 1961, 145.
 Type sp. (orig. des.): Aureogenus vastans, Black
 1944, 141.

Aureogenus clavifolium, Black 1944, 141.
 (Sp. Vir.) (Val. Pub., Leg.)
 Trifoliumvirus clavifoliatum, Roland 1959, 128.
 Aureogenusvirus clavifolium, (Black) Krieg 1961, 146.

Aureogenus magnivena, Black 1944, 144.
 (Sp. Vir.) (Val. Pub., Leg.)
 Dacicavirus tumefaciens, Hansen 1956, 125.
 Trifoliumvirus nervicrassans, Roland 1959, 128.
 Aureogenusvirus magnivena, (Black) Krieg and Huger
 1960, 404.
 Aureogenusvirus magnivena, (Black) Krieg 1961, 145.

Aureogenus vastans, Black 1944, 141.
 (Sp. Vir.) (Val. Pub., Leg.)
 Marmor vastans, Holmes 1939b, 94, q.v.
 Solanivir vestans, Fawcett 1940, 560, type
 species of genus, Solanivir, Fawcett 1940, 560.
 Agalliophilus tuberosa, Ryzhkov 1952, 466, type
 species of genus Agalliophilus, Ryzhkov 1952, 466.
 Solanumvirus vastans, (Holmes) Kohler 1952, 51.
 Solanumvirus aceratogalliatranslatum, (sic) Roland
 1952, 53.
 Mecicavirus solani, Hansen 1956, 124, type
 species of genus Mecicavirus, Hansen 1956, 124.
 Aureogenusvirus vestans, (sic) Krieg 1961, 146, type
 species of genus Aureogenusvirus, Krieg 1961, 146.
 Type var. (subs. des. Holmes 1948, 1156):
 Aureogenus vastans var. vulgare, Black 1944, 141.
 Comment: Type species of genus Aureogenus, Black
 1944, 141.
 Aureogenus vastans var. agalliae, (Black) Black 1944, 141.
 (Var. Vir.) (Val. Pub., Leg.)
 Marmor vastans var. agalliae, Black 1941, 233.

Aureogenus vastans var. lethale, (Black) Holmes 1948,
 (Var. Vir.) (Val. Pub., Leg.) 1156.
 Marmor vastans var. lethale, Black 1940, 391.

Aureogenus vastans var. vulgare, (Black) Black 1944,
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7) 141.
 Marmor vastans var. vulgare, Black 1940, 391.
 Comment: Type variety of species Aureogenus vastans,
 (Holmes) Black 1944, 141.

AUREOGENUSVIRUS, Krieg 1961, 145.
 (Gen. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
 Aureogenus, Black 1944, 141, q.v.
 Type sp. (implied): Aureogenusvirus vestans, (sic)
 (Holmes) Krieg 1961, 146.

AUREOGENUSVIRUS, Krieg and Huger 1960a, 404.
 (Gen. Vir.) (Not Val. Pub.: Rule 12a3)
 Aureogenus, Black 1944, 141, q.v.

Aureogenusvirus clavifolium, (Black) Krieg 1961, 146.
 (Ap. Vir.) (Val. Pub., Illeg.: Rule 24a)
 Aureogenus clavifolium, Black 1944, 141, q.v.

Aureogenusvirus magnivena, (Black) Krieg 1961, 145.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
 Aureogenus magnivena, Black 1944, 144, q.v.

Aureogenusvirus magnivena, (Black) Krieg and Huger
 1960, 404.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Aureogenus magnivena, Black 1944, 144, q.v.

Aureogenusvirus vestans, (sic) Krieg 1961, 146.
 (Ap. Vir.) (Val. Pub., Illeg.: Rules 23, 23a)
 Marmor vastans, Holmes 1939b, 94, q.v.
 Aureogenus vastans, (Holmes) Black 1944, 141, q.v.
 Type species of genus Aureogenus, Black 1944, 141.
 Comment: Type species of genus Aureogenusvirus,
 Krieg 1961, 146.

AVENAVIRUS

Avenavirus maculans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Avenavirus rosettae, Klinkowski and Kreutzberg 1958, 4.
 (Sp. Vir.) (Not Val. Pub.: Rule 12c3)
 Fractilinea avenae, McKinney 1944, 327, q.v.
 Graminevirus avenae, (McKinney) Ryzhkov 1952, 466,
 q.v.

Avenavirus rosettans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Fractilinea avenae, McKinney 1944b, 327, q.v.
 Graminevirus avenae, (McKinney) Ryzhkov 1952, 466,
 q.v.

BACULUS, Limasset 1954, 94.
 (Gen. Vir.) (Not Val. Pub.: Rule 13e)
 Marmor, Holmes 1939b, 16, q.v.

BETAVIR, Fawcett 1940, 560.
 (Gen. Vir.) (Not Val. Pub.: Rule 12a2)
 Rugavir, Krieg 1961, 151, q.v.
 Type sp. (monotype): Betavir eutetticola, Fawcett
 1940, 560.

Betavir eutetticola, (sic) Fawcett 1940, 560.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Chlorogenus eutettigicola, Holmes 1939b, 11, q.v.
 Comment: Type species of genus Betavir, Fawcett
 1940, 560.

Betavir verrucans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Chlorogenus eutettigicola, Holmes 1939b, 11, q.v.

Beta virus innocens, "Smith" in Klinkowski 1958, 38.
 (Sp. Vir.) (Not Val. Pub.: Rule 5a)
 Comment: Reference to proposal by Smith not found.

Betavirus maculans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor betae, Holmes 1939b, 72, q.v.

Betavirus reticulosum, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

BIRETEXVIRUS, Hansen 1958, 222.
 (Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
 Tarpeia, Holmes 1948, 1268, q.v.
 Type sp. (monotype): Biretexvirus suis, Hansen 1958,
 222.

BLASTOGENUS, McKinney 1944a, 151.
 (Gen. Vir.) (Val. Pub., Leg.)
 Type sp. (orig. des.): Blastogenus fragariae,
 McKinney 1944a, 151.

Blastogenus fragariae, (Holmes) McKinney 1944a, 151.
 (Sp. Vir., Leg.)
 Nanus fragariae, Holmes 1939b, 128, q.v.
 Fragariavirus everruculosum, Roland 1959, 130.
 Comment: Type species of genus Blastogenus,
 McKinney 1944a, 151.

BRASSICAVIRUS

Brassicavirus anulolaedens, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Brassicavirus crispans, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Savoia napi, Holmes 1939b, 133, q.v.

Brassicavirus nerviclarens, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor cruciferarum, Holmes 1939b, 69, q.v.

Brassicavirus nigromaculans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor brassicae, Holmes 1939b, 70, q.v.

BROMVIRUS

Bromvirus maculans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor graminis, McKinney 1944b, 325, q.v..

BRYOVIRUS, Thornberry 1941, 25.
 (Gen. Vir.) (Not Val. Pub.: Rules 12a2, 12c2, 13a)

CALCEOLARIVIR, Fawcett 1940, 560.
 (Gen. Vir.) (Not Val. Pub.: Rules 12a2, 13e)

CALLISTEPHUSVIRUS

Callistephusvirus flavescens, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Chlorogenus callistephi, Holmes 1939b, 2, q.v.

CAMELLIAVIRUS

Camelliavirus librinecans, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

CANNAVIRUS

Cannavirus maculans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Cannavirus maculans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

CARPOPHTHORA, McKinney 1944a, 152; Holmes 1948,
 (Gen. Vir.) (Val. Pub., Leg.) 1151.
 Daxevirus, Hansen 1956, 128.
 Carpophthoravirus, (sic) Krieg 1961, 150.
 Type sp. (orig. des.): Carpophthora lacerans,
 (Holmes) McKinney 1944a, 152.

Carpophthora lacerans, (Holmes) McKinney 1944a, 152.
 (Sp. Vir.) (Val. Pub., Leg.)
 Marmor lacerans, Holmes 1939b, 82, q.v.
 Daxevirus pruni, Hansen 1956, 128, type
 species of genus Daxevirus, Hansen 1956, 128.
 Persicavirus lacerans, Roland 1959, 129.
 Carpophthoravirus lacerans, (Holmes) Krieg 1961, 150,
 type species of genus Carpophthoravirus, (sic) Krieg
 1961, 150.
 Comment: Type species of genus Carpophthora,
 McKinney 1944a, 152.

Carpophthora rosettae, (Holmes) Holmes 1948, 1152.
 (Sp. Vir.) (Val. Pub., Leg.)
 Chlorogenus rosettae, Holmes 1939a, 434.
 Nanus rosettae, Holmes 1939b, 125, q.v.
 Prunivir rosettae, Fawcett 1940, 560,
 type species of genus Prunivir, Fawcett 1940, 560.
 Persicavirus rosettans, Roland 1959, 129.

CARPOPHTORAVIRUS, (sic) Krieg 1951, 150.
 (Gen. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
 Carpophthora, McKinney 1944a, 152; Holmes 1948,
 1141, q.v.
 Type sp. (monotype): Carpophthoravirus lacerans,
 (McKinney) Krieg 1961, 150.

Carpophthoravirus lacerans, (Holmes) Krieg 1961, 150.
 (Sp. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
 Marmor lacerans, Holmes 1939b, 82, q.v.
 Carpophthora lacerans, (Holmes) McKinney 1944a,
 152, q.v., type species of genus Carpophthora,
 McKinney 1944a, 152.

CATTLEYAVIRUS

Cattleyavirus maculans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

CERASUSVIRUS

Cerasusvirus asperans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Rimocortius kwanzani, Milbrath and Zeller 1942, 430,
 q.v.
 Cerasusvirus flavescens, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Chlorogenus cerasi, Hildebrand 1944, 1003, q.v.

Cerasusvirus maculans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor cerasi, Zeller and Evans 1941, 467, q.v.

Cerasusvirus rubiginosum, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor rubiginosum, Reeves 1940, 789, q.v.

Cerasusvirus verrucans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

CHLOROGENACEAE, Holmes 1939, 1.
 (Fam. Vir.) (Val. Pub., Leg.)

CHLOROGENUS, Holmes 1939a, 434.
 (Gen. Vir.) (Not Val. Pub.: Rule 12a2)
 Chlorogenus, Holmes 1939b, 1, q.v.
 Type sp. (orig. des.): Chlorogenus callistephi,
 Holmes 1939a, 434.

CHLOROGENUS, Holmes 1939b, 1.
 (Gen. Vir.) (Val. Pub., Leg.)
 Chlorogenus, Holmes 1939a, 434.
 Dacicavirus, Hansen 1956, 125.
 Chlorogenusvirus, Krieg and Huger 1960a, 404.
 Chlorogenusvirus, Krieg 1951, 143.
 Type sp. (orig. des.): Chlorogenus callistephi,
 Holmes 1939b, 2.

Chlorogenus australiensis, (Holmes) Holmes 1948, 1147.
 (Sp. Vir.) (Val. Pub., Leg.)
 Galla australiensis, Holmes 1939b, 107, q.v.
 Leptomotropus lycopersici, Ryzhkov 1952, 466.
 Leptomotropus lycopersici, Kohler and Klinkowski
 1954, 601.
 Hyalesthesophilus solenacii, Sukhov 1956, 264.
 Lycopersicumvirus australiense, Roland 1959, 130.
 Comment: Klinkowski and Uschdraveit 1958, 103,
 Consider this synonymous with Chlorogenus vaccinii,
 Holmes 1939b, 10.

Chlorogenus australiensis var. stolbur, Kovachevski 1954,
 (Var. Vir.) (Val. Pub., Leg.) 164, 165.
 Leptomotropus korozevscianus, Ryzhkov 1952, 466.
 Leptomotropus korozevscianus, "Ryzhkov" in Kohler
 and Klinkowski 1954, 601.

- Chlorogenus callistephi, Holmes 1939a, 434.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a3)
 Chlorogenus callistephi, Holmes 1939b, 2, q.v.,
 type species of genus Chlorogenus, Holmes 1939b, 1.
 Comment: Type species of genus Chlorogenus,
 Holmes 1939a, 434.
- Chlorogenus callistephi, Holmes 1939b, 2.
 (Sp. Vir.) (Val. Pub., Leg.)
 Chlorogenus callistephi, Holmes 1939a, 434, type
 species of genus Chlorogenus, Holmes 1939a, 434.
Dacicavivirus callistephi, (Holmes) Hansen 1956, 125,
 type species of genus Dacicavirus, Hansen 1956, 125.
Callistephovirus flavescens, Roland 1959, 128.
Chlorogenusvirus callistephi, (Holmes) Krieg and
 Huger 1960, 404.
Chlorogenusvirus callistephi, Krieg 1961, 143, type
 species of genus *Chlorogenusvirus*, Krieg 1961, 143.
Calligenus (sic) *callistephi*, "Harris" in Beirne 1952,
 228.
 Type var. (orig. des.): *Chlorogenus callistephi* var.
vulgaris, Holmes 1939b, 3.
 Comment: Type species of genus *Chlorogenus*, Holmes
 1939b, 1.
- Chlorogenus callistephi var. *albifrons*, Heinze 1959, 140.
 (Var. Vir.) (Val. Pub., Leg.)
- Chlorogenus callistephi var. *attenuatus*, Holmes 1939a,
 (Var. Vir.) (Not Val. Pub.: Rule 12a3) 434.
Chlorogenus callistephi var. *attenuatus*, Holmes 1939b,
 4, q.v.
- Chlorogenus callistephi var. *attenuatus*, Holmes 1939b, 4.
 (Var. Vir.) (Val. Pub., Leg.)
Chlorogenus callistephi var. *attenuatus*, Holmes 1939a,
 434.
- Chlorogenus callistephi var. *californicus*, Holmes 1939a,
 (Var. Vir.) (Not Val. Pub.: Rule 12a2) 434.
Chlorogenus callistephi var. *californicus*, Holmes
 1939a, 3, q.v.
- Chlorogenus callistephi var. *californicus*, Holmes 1939b,
 (Var. Vir.) (Val. Pub., Leg.) 3.
Chlorogenus callistephi var. *californicus*, Holmes
 1939b, 434.
- Chlorogenus callistephi var. *vulgaris*, Holmes 1939a,
 (Var. Vir.) (Not Val. Pub.: Rule 12a2) 434.
Chlorogenus callistephi var. *vulgaris*, Holmes 1939b,
 q.v., type variety of species *Chlorogenus callistephi*,
 Holmes 1939b, 2.
- Chlorogenus *cerasae*, Hildebrand 1944, 1003.
Chlorogenus cerasi, Hildebrand 1944, 1003, q.v.
- Chlorogenus *cerasi*, Hildebrand 1944, 1003.
 (Sp. Vir.) (Val. Pub., Leg.) as *Chlorogenus cerasae*.
Cerasusvirus flavescens, Roland 1959, 128.
- Chlorogenus *eutetticola*, (sic) Holmes 1939b, 11,
 name corrected to *Chlorogenus eutettigicola* by Holmes
 1948, 1219.
- Chlorogenus *eutettigicola*, Holmes 1939b, 11 as
Chlorogenus euttigicola
 (Sp. Vir.) (Val. Pub., Leg.)
Betavir eutetticola, (sic) Fawcett 1940, 560, type
 species of genus *Betavir*, Fawcett 1940, 560.
Dacicavirus beta, Hansen 1956, 125.
Ruga verrucosans, Carnser and Bennett 1943, 386;
 Holmes 1948, 1219.
Betavirus verrucans, Roland 1959, 128.
Rugavirus verrucosans, (Carsner and Bennett) Krieg
 1961, 151, type
 species of genus *Rugavirus*, Krieg 1961, 151.
 Comment: Spelling corrected, Holmes, 1948, 1219.
- Chlorogenus *fragariae*, Holmes 1939a, 434.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
- Chlorogenus *humuli*, Holmes 1939b, 15.
 (Sp. Vir.) (Val. Pub., Leg.)
Humulusvirus urticans, Roland 1959, 128.
- Chlorogenus *medicaginis*, Holmes 1939b, 14.
 (Sp. Vir.) (Val. Pub., Leg.)
Medicagovirus everruculosum, Roland 1959, 129.
- Chlorogenus *myricae*, Raychaudhuri 1953, 19.
 (Sp. Vir.) (Val. Pub., Leg.)
- Chlorogenus *patagoniensis*, Bennett and Munck 1946, 60.
 (Sp. Vir.) (Val. Pub., Leg.)
- Chlorogenus *persicae*, Holmes 1939a, 434.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Chlorogenus persicae, Holmes 1939b, 5, q.v.
 Type var. (orig. des.): *Chlorogenus persicae* var.
vulgaris, Holmes 1939a, 434.
- Chlorogenus *persicae*, Holmes 1939b, 5.
 (Sp. Vir.) (Val. Pub., Leg.)
Chlorogenus persicae, Holmes 1939a, 434.
Persicavirus flavescens, Roland 1959, 129.
 Type var. (orig. des.): *Chlorogenus persicae* var.
vulgaris, Holmes 1939b, 5.
- Chlorogenus *persicae* var. *micropersica*, Holmes 1939a,
 (Var. Vir.) (Not Val. Pub.: Rule 12a2) 434.
Chlorogenus persicae var. *micropersica*, Holmes
 1939b, 6, q.v.
- Chlorogenus *persicae* var. *micropersica*, Holmes 1939b,
 (Var. Vir.) (Val. Pub., Leg.) 6.
Chlorogenus persicae var. *micropersica*, Holmes
 1939a, 434.
- Chlorogenus *persicae* var. *vulgaris*, Holmes 1939a, 434.
 (Var. Vir.) (Not Val. Pub.: Rule 12a2)
Chlorogenus persicae var. *vulgaris*, Holmes 1939b,
 4, q.v.
 Comment: Type variety of species *Chlorogenus*
persicae, Holmes 1939a, 434.
- Chlorogenus *persicae* var. *vulgaris*, Holmes 1939b, 5.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7)
Chlorogenus persicae var. *vulgaris*, Holmes 1939a,
Persicavirus nudans, Roland 1959, 129. 434.
 Comment: Type variety of species *Chlorogenus*
persicae, Holmes 1939b, 5.
- Chlorogenus *robiniae*, Holmes 1939a, 434.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Chlorogenus robiniae, Holmes 1939b, 13, q.v.
Polycladus robiniae, (Holmes) McKinney 1944a, 131,
 type species of genus *Polycladus*, q.v.
 McKinney 1944a, 151.
- Chlorogenus *robiniae*, Holmes 1939b, 13.
 (Sp. Vir.) (Val. Pub., Leg.)
Polycladus robiniae, (Holmes) McKinney 1944a, 151,
 q.v., type species of genus *Polycladus*, McKinney
 1944a, 151.
Robiniavirus everruculosum, Roland 1959, 130.
Chlorogenus robiniae, Holmes 1939a, 434.
- Chlorogenus *rosettae*, Holmes 1939a, 434.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Nanus rosettae, Holmes 1939b, 125, q.v.
Carpophthora rosettae, (Holmes) Holmes 1948, 1152,
 q.v.
- Chlorogenus *santali*, Holmes 1939a, 434.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Chlorogenus santali, Holmes 1939b, 8, q.v.
- Chlorogenus *santali*, Holmes 1939b, 8.
 (Sp. Vir.) (Val. Pub., Leg.)
Chlorogenus santali, Holmes 1939a, 434.
Santalumvirus spicans, Roland 1959, 130.
- Chlorogenus *sesami*, Kohler and Klinkowski 1954, 665.
 (Sp. Vir.) (Val. Pub., Leg.)
- Chlorogenus *solani*, Holmes 1939a, 434.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Chlorogenus solani, Holmes 1939b, 7, q.v.
Carpophthora solani, (Holmes) McKinney 1944a, 151,
 q.v., type species of genus *Carpophthora*, McKinney
 1944a, 151.

- Chlorogenus solani, Holmes 1939b, 7.
(Sp. Vir.) (Val. Pub., Leg.)
Chlorogenus solani, Holmes 1939a, 434.
Chlorophthora solani, (Holmes) McKinney 1944a, 151,
q.v., type species of genus Chlorophthora, McKinney
1944a, 151.
Solanum virus cuscotranslatum, Roland 1952, 53.
Solanumvirus everriculosum, Roland 1959, 129.
- Chlorogenus vaccinii, Holmes 1939a, 434.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Chlorogenus vaccinii, Holmes 1939b, 10, q.v.
- Chlorogenus vaccinii, Holmes 1939b, 10.
(Sp. Vir.) (Val. Pub., Leg.)
Chlorogenus vaccinii, Holmes 1939a, 434.
Leptomotropus vaccinii, Ryzhkov 1952, 466,
type species of genus *Leptomotropus*, Ryzhkov 1952,
466.
Vacciniaivirus sterilefaciens, Roland 1959, 130.
- Chlorogenus zaea var. mexicanus, Maramorosch 1958,
(Var. Vir.) (Val. Pub., Leg.) 450.
Chlorogenusvirus zaea var. mexicanus, (Maramorosch)
Krieg 1961, 144.
- Chlorogenus zaea var. riograndensis, Maramorosch 1958,
(Var. Vir.) (Val. Pub., Leg.) 450.
Chlorogenusvirus var. riograndensis, (Maramorosch)
Krieg 1961, 144.
- CHLOROGENUSVIRUS**, Krieg 1961, 143.
(Gen. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
Chlorogenus, Holmes 1939b, 1, q.v.
Type sp. (implied): *Chlorogenusvirus callistephi*,
(Holmes) Krieg 1961, 143.
- CHLOROGENUSVIRUS**, Krieg and Huger 1960, 404.
(Gen. Vir.) (Not Val. Pub.: Rule 12a2)
Chlorogenus, Holmes 1939b, 1, q.v.
- Chlorogenusvirus callistephi, (Holmes) Krieg 1961, 143.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Chlorogenus callistephi, Holmes 1939a, 2, q.v.
type species of genus *Chlorogenus*, Holmes 1939a, 1.
Comment: Type species of genus *Chlorogenusvirus*,
Krieg 1961, 143.
- Chlorogenusvirus callistephi, Krieg and Huger 1960, 404.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Chlorogenus callistephi, Holmes 1939b, 2, q.v.
type species of genus *Chlorogenus*, Holmes 1939b, 1.
- Chlorogenusvirus zaeae, (Maramorosch) Krieg 1961, 144.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Chlorogenus zaeae, Maramorosch 1958, 450, q.v.
- Chlorogenusvirus zaeae var. mexicanus, (Maramorosch)
Krieg 1961, 144.
(Var. Vir.) (Not Val. Pub., Rule 12a)
Chlorogenus zaeae var. mexicanus, Maramorosch 1958,
450, q.v.
- Chlorogenusvirus zaeae var. riograndensis, (Maramorosch)
Krieg 1961, 144.
(Var. Vir.) (Not Val. Pub.: Rule 12a)
Chlorogenus zaeae var. riograndensis, Maramorosch
1958, 450, q.v.
- CHLOROPHTHORA**, McKinney 1944a, 151.
(Gen. Vir.) (Val. Pub., Leg.)
Type sp. (orig. des.): *Chlorophthora solani*, (Holmes)
McKinney 1944a, 151.
- Chlorophthora solani, (Holmes) McKinney 1944a, 151.
(Sp. Vir.) (Val. Pub., Leg.)
Chlorogenus solani, Holmes 1939a, 434.
Chlorogenus solani, Holmes 1939b, 7, q.v.
Solanum virus cuscotranslatum, Roland 1952, 53.
Leptomotropus solanacearum, Ryzhkov 1952, 466.
Leptomotropus solanacearum, Kohler and Klinkowski
1954, 661.
Solanumvirus everriculosum, Roland 1959, 129.
Comment: Type species of genus *Chlorophthora*,
McKinney 1944a, 151.
- CICAVIRACEAE**, Hansen 1956, 124.
(Fam. Vir.) (Val. Pub., Illeg., Rule 3)
Comment: Includes 2 collective genera
Mecicavirus, Hansen 1956, 124 and
Dacicavirus, Hansen 1956, 125.
- CICAVIRALES**, Hansen 1956, 124.
(Ord. Vir.) (Val. Pub., Leg.)
Comment: Includes Family: Cicaviraceae.
- CITRIVIR**, Fawcett 1940, 561; 1941, 357.
(Gen. Vir.) (Not Val. Pub.: Rule 12c)
Dinivirus, Hansen 1956, 125, q.v.
Type sp. (Subs. des.) Holmes 1948, 1209:
Citrivir psorosis, Fawcett 1941, 561.
- Citrivir italicum**, Fawcett 1940, 561; 1941, 357.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24b)
Marmor italicum, (Fawcett) Holmes 1948, 1202, q.v.
- Citrivir pertinaciae**, (sic) Fawcett 1946a, 676.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24b)
Citrusvirus pertinax, Roland 1959, 128.
- Citrivir psorosis**, Fawcett 1940, 561; 1941, 357.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24b)
Rimocortius psorosis, (Fawcett) Holmes 1948, 1210,
q.v.
Type var. (orig. des.): *Citrivir psorosis var.*
vulgare, Fawcett 1940, 561.
Comment: Type species of genus *Citrivir*, Fawcett
1940, 561.
- Citrivir psorosis**, Fawcett 1941, 357.
Rimocortius psorosis, Fawcett 1948, 1210.
Source: Rutaceae-Citrus sinensis, Osbeck, orange;
Citrus limonis, Osbeck, lemon; Citrus maxima, Merr.,
grapefruit.
- Citrivir psorosis var. alveatum**, Fawcett and Bitancourt
1943, 854.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)
Rimocortius psorosis var. alveatum, (Fawcett and
Bitancourt) Holmes 1948, 1211, q.v.
- Citrivir psorosis var. anulatum**, Fawcett 1940, 561;
1941, 357.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)
Rimocortius psorosis var. anulatum, (Fawcett)
Holmes 1948, 1210, q.v.
- Citrivir psorosis var. concavum**, Fawcett and Bitancourt
1943, 850.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)
Rimocortius psorosis var. concavum, (Fawcett and
Bitancourt) Holmes 1948, 1210, q.v.
- Citrivir psorosis var. vulgare**, Fawcett 1940, 561; 1941,
(Var. Vir.) (Val. Pub., Illeg.: Rule 7) 357.
Rimocortius psorosis var. vulgare, (Fawcett) Holmes
1949, 1210, q.v.
Comment: Type variety of species *Citrivir psorosis*,
Fawcett 1940, 561.
- Citrusvirus maculans**, Roland 1959, 128.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor italicum, (Fawcett) Holmes 1948, 1202, q.v.
- Citrusvirus pertinax**, Roland 1959, 128.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Citrivir pertinaciae, (sic) Fawcett 1946a, 676, q.v.
- Citrusvirus scabiosum**, Roland 1959, 128.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Rimocortius psorosis, Holmes 1948, 1219, q.v.
- Citrusvirus vastans**, Roland 1959, 128.
(Sp. Vir.) (Not Val. Pub., Rule 12a2)
- CORIODES**, Bitancourt, 1953, 453.
(Gen. Vir.) (Not Val. Pub.: Rule 12c2)
Corium, Holmes 1939b, 119, q.v.

CORIUM, Holmes 1939b, 119.
 (Gen. Vir.) (Val. Pub., Leg.)
Coriodes, Bitancourt 1953, 453.
Quanjeria, Ryzhkov 1952, 466.
Corium virus, Krieg 1961, 151.
 Type sp. (orig. des.): *Corium solani*, Holmes 1939b, 120.

Corium betae, Holmes 1948, 1204.
 (Sp. Vir.) (Val. Pub., Leg.)
Daphivirus betae, (Holmes) Hansen 1956, 123, q.v.
 type species of genus *Daphivirus*, Hansen 1956, 123.
Daphiflexus betae, (Holmes) Hansen 1958, 222,
 type species of genus *Daphiflexus*, Hansen 1958, 222.
Betavirus flavescens, Roland 1959, 128.

Corium rubi, Holmes 1939b, 121.
 (Sp. Vir.) (Val. Pub., Leg.)
Rubusvirus crispans, Roland 1959, 130.
 Type var. (orig. des.): *Corium rubi* var. *alpha*,
 Holmes 1939b, 121.

Corium rubi var. *alpha*, Holmes 1939b, 121.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7)
 Comment: Type variety of species *Corium rubi*,
 Holmes 1939b, 121.

Corium rubi var. *beta*, Holmes 1939b, 122.
 (Var. Vir.) (Val. Pub., Leg.)

Corium ruborum, (Zeller and Braun) Holmes 1948, 1205.
 (Sp. Vir.) (Val. Pub., Leg.)
Minuor ruborum, Zeller and Braun 1943, 161, q.v.
 type species of genus *Minuor*, Zeller and Braun 1943,
 161.

Corium solani, Holmes 1939b, 120.
 (Sp. Vir.) (Val. Pub., Leg.)
Quanjeria tuberosi, Ryzhkov 1952, 466,
 type species of genus *Quanjeria*, Ryzhkov 1952, 466.
Solanum virus altathermus, Roland 1952, 53.
Solanum virus librimortiferum, Roland 1952, 53.
Solanumvirus varians, Kohler 1952b, 51.
Solanumvirus rigidiformis, Kohler 1952b, 51.
Daphivirus solani, (Holmes) Hansen 1956, 128.
Solanumvirus perniciosum, Roland 1959, 129.
Coriumvirus solani, (Holmes) Krieg 1961, 151.
 type species of genus *Coriumvirus*, Krieg 1961, 151.
 Comment: Type species of genus *Corium*, Holmes
 1939b, 119.

Corium viatoris, Heinze 1959, 170, 176, 181, 182.
 (Sp. Vir.) (Val. Pub., Leg.)

Corium zaeae, Stoner 1952, 688.
 (Sp. Vir.) (Val. Pub., Leg.)
Zeavirus variegans, Roland 1959, 129.

CORIUMVIRUS, Krieg 1961, 151.
 (Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
Corium, Holmes 1939b, 119, q.v.
 Type sp. (monotype): *Coriumvirus solani*, (Holmes)
 Krieg 1961, 151.

Coriumvirus solani, (Holmes) Krieg 1961, 151.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Corium solani, Holmes 1939b, 120, q.v.,
 type species of *Corium*, Holmes 1939b, 119.
 Comment: Type species of genus *Coriumvirus*, Krieg
 1961, 151.

CROTALARIAVIRUS

Crotalariaivirus maculans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

CRYSTALLOCOCCUS, Ryzhkov 1952, 465.
 (Gen. Vir.) (Val. Pub., Leg.)
 Type sp. (Subs. des.: Barkley 1960, 68):
Crystallococcus lycopersici, Ryzhkov 1952, 465.

Crystallococcus cruciferae, Ryzhkov 1952, 465.
 (Sp. Vir.) (Not Val. Pub.: Rule 14a2)

Crystallococcus lycopersici, Ryzhkov 1952, 465.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor dodecahedron, Holmes 1939b, 20, q.v.
 Type sp. of Genus *Crystallococcus*, Ryzhkov 1952,
 465.

Crystallococcus medicaginis, Ryzhkov 1952, 465.
 (Sp. Vir.) (Not Val. Pub.: Rule 14a2)
Marmor medicaginis, Holmes 1939b, 91, q.v.

Crystallococcus tabaci, Ryzhkov 1952, 465.
 (Sp. Vir.) (Not Val. Pub., Rule 14a2)
Marmor lethale, Holmes 1939b, 86, q.v.

CUCUMISVIRUS

Cucumisvirus maculans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor cucumeris, Holmes 1939b, 31, q.v.
Murialba cucumeris, (Holmes) Valleau 1940, 823, q.v.

Cucumisvirus vastans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor melonis, Rader et al. 1947, 815, q.v.

Cucumisvirus viridimaculans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor astrictum var. *chlorogenum*, Holmes 1939b,
 27, q.v.

CUCURBITAVIRUS

Cucurbitavirus maculans, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor cucumeris, Holmes 1939b, 31, q.v.
Murialba cucumeris, (Holmes) Valleau 1940, 823, q.v.

CUSCUTAVIR, Bennett 1944a, 89.
 (Gen. Vir.) (Val. Pub., Illeg.: Rule 12d)
 Type sp. (monotype): *Cuscutavir secretum*, Bennett
 1944a, 89.

Cuscutavir secretum, Bennett 1944a, 89 in syn.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 12d)
Marmor secretum, Bennett 1944a, 88, 89, q.v.
 Comment: Type species of genus *Cuscutavir*, Bennett
 1944a, 89.

CUSCUTAVIRUS

CUSCUTAVIRUS OCCULTUM, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor secretum, Bennett 1944a, 88, 89, q.v.

CYMBIDIUMVIRUS

Cymbidiumvirus maculans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

CYTISSUSVIRUS

Cytissusvirus variegans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

DACAVIRUS, Hansen 1956, 130.
 (Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
Acarinophilus, Ryzhkov 1952, 466, q.v.
 Type sp. (orig. des.): *Dacavirus ribis*, Hansen 1956,
 130.

Dacavirus ribis, (Holmes) Hansen 1956, 130.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24b)
Acrogenus ribis, Holmes 1939b, 112, q.v.
 Comment: Type species of *Dacavirus*, Hansen 1956,
 130.

DACICAVIRUS, Hansen 1956, 125.
 (Gen. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
Chlorogenus, Holmes 1939b, 1, q.v.
 Type sp. (orig. des.): *Dacicavivirus callistephi*,
 (Holmes) Hansen 1956, 125.

Dacicavivirus betae, Hansen 1956, 125.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Chlorogenus eutettigicola, Holmes 1939b, 11, q.v.

Dacicavivirus callistephi, (Holmes) Hansen 1956, 125.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Chlorogenus callistephi, Holmes 1939b, 2, q.v.,
 type species of genus *Chlorogenus*, Holmes 1939b, 1.
 Comment: Type species of genus *Dacicavirus*, Hansen
 1956, 125.

- Dacivavirus medi-vitis, Hansen 1956, 125.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Morsus suffodiens, Holmes 1948, 1153, q.v.,
 type species of genus *Morsus*, Holmes 1948, 1153.
- Dacivavirus sacchari-galli, Hansen 1956, 125.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Aureogenus magnivena, Black 1944, 144, q.v.
- Dacivavirus zeae, Hansen 1956, 125.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor maidis, Holmes 1939b, 56, q.v.
Fractilinea maidis, (Holmes) McKinney 1944a, 149,
 q.v., type species of genus *Fractilinea*, McKinney
 1944a, 148.
- DACOCVIRUS**, Hansen 1956, 129.
 (Gen. Vir.) (Val. Pub., Leg.)
 Type sp. (monotype): *Dacocvirus theobromae*,
 (Posnette) Hansen 1956, 129.
- Dacocvirus theobromae*, (Posnette) Hansen 1956, 129.
 (Sp. Vir.) (Val. Pub., Leg.)
Marmor theobromae, Posnette 1947, 309, q.v.
Theobromavirus inflans, Roland 1959, 128.
 Comment: Type species of genus *Dacocvirus*, Hansen
 1956, 129.
- DAHETVIRUS**, Hansen 1956, 130.
 (Gen. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
Savioia, Holmes 1939b, 131, q.v.
 Type sp. (orig. des.): *Dahetvirus betae*, (Holmes)
 Hansen 1956, 130.
- Dahetvirus betae*, (Holmes) Hansen 1956, 130.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Savoia betae, Holmes 1939b, 132, q.v.,
 type species of genus *Savoia*, Holmes 1939b, 131.
 Comment: Type species of genus *Dahetvirus*, Hansen
 1956, 130.
- DAHLIAVIRUS**
- Dahliaivirus maculans*, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rules 12a2)
Marmor dahliae, Holmes 1939b, 85, q.v.
Nervillustrans dahliae, (Holmes) Limasset 1948, 293,
 q.v., type species of genus *Nervillustrans*, Limasset
 1948, 293.
- DALEVIRUS**, Hansen 1956, 129.
 (Gen. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
Ruga, Holmes 1939b, 114, q.v.
 Type sp. (orig. des.): *Dalevirus nicotianae*, Hansen
 1956, 130.
- Dalevirus abutiloni*, Hansen 1956, 130.
 (Sp. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
Marmor abutilon, Holmes 1939b, 50, q.v.
- Dalevirus mani-caulis*, Hansen 1956, 130.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24b)
- Dalevirus manihot*, Hansen 1956, 130.
 (Sp. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
Ruga bermiae, Holmes 1939b, 117, q.v.
Ochrosticta bermiae, (Holmes) McKinney 1944a, 149,
 q.v., type species of genus *Ochrosticta*, McKinney
 1944a, 149.
- DAPHIFLEXUS**, Hansen 1958, 222.
 (Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
Daphivirus, Hansen 1956, 123, q.v.
 Type sp. (orig. des.): *Daphiflexus betae*, Hansen
 1958, 222.
- Daphiflexus betae*, (Holmes) Hansen 1958, 222.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Corium betae, Holmes 1948, 1204, q.v.
Daphivirus betae, (Holmes) Hansen 1956, 123, q.v.,
 type species of genus *Daphivirus*, Hansen 1956, 123.
- DAPHIVIRUS**, Hansen 1956, 123.
 (Gen. Vir.) (Val. Pub., Leg.)
Daphiflexus, Hansen 1958, 222.
 Type sp. (orig. des.): *Daphivirus betae*, (Holmes)
 Hansen 1956, 123.
- Daphivirus betae*, (Holmes) Hansen 1956, 123.
 (Sp. Vir.) (Val. Pub., Leg.)
Corium betae, Holmes 1948, 1204, q.v.
Daphiflexus betae, (Holmes) Hansen 1958, 222,
 type species of genus *Daphiflexus*, Hansen 1958, 222.
 Comment: Type species of genus *Daphivirus*, Hansen
 1956, 123.
- Daphivirus citri*, Hansen 1956, 123.
 (Sp. Vir.) (Val. Pub., Leg.)
- Daphivirus solani*, (Holmes) Hansen 1956, 123.
 (Sp. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
Corium solani, Holmes 1939b, 120, q.v.,
 type species of genus *Corium*, Holmes 1939b, 119.
- DAXEVIRUS**, Hansen 1956, 128.
 (Gen. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
Carpophthora, McKinney 1944a, 152, q.v.
 Type sp. (orig. des.): *Daxevirus pruni*, Hansen 1956,
 128.
- Daxevirus pruni*, Hansen 1956, 128.
 (Sp. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
Marmor lacerans, Holmes 1939b, 82, q.v.
Carpophthora lacerans, McKinney 1944a, 152, q.v.,
 type species of genus *Carpophthora*, McKinney 1944a,
 152.
 Comment: Type species of genus *Daxevirus*, Hansen
 1956, 128.
- DIANTHUSVIRUS**
- Dianthusvirus maculans*, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
- DINCHORDA**, Hansen 1956, 127.
 (Gen. Vir.) (Not Val. Pub.: Rules 12a2, 13e)
- DINGLOBUS**, Hansen 1956, 127.
 (Gen. Vir.) (Not Val. Pub.: Rules 12a2, 13e)
- DINVIRUS**, Hansen 1956, 125.
 (Gen. Vir.) (Val. Pub., Leg.)
Citrvir, Fawcett 1940, 561; 1941, 357.
 Type sp. (orig. des.): *Dinvirus citri*, Hansen 1956,
 126.
- Dinvirus citri*, Hansen 1956, 126.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Rimocortius psorosis, Holmes 1948, 1210, q.v.
 Comment: Type species of genus *Dinvirus*, Hansen
 1956, 125.
- Dinvirus pruni*, Hansen 1956, 126.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Rimocortius kwanzani, Milbrath and Zeller 1942, 430,
 q.v.
- Dinvirus pyri*, (Holmes) Hansen 1956, 126.
 (Sp. Vir.) (Val. Pub., Leg.)
Rimocortius pyri, (Holmes) Holmes 1948, 1211, q.v.
Marmor pyri, Holmes 1939b, 76, q.v.
Pyrusvirus lignificiens, Roland 1959, 129.
- EPIPHYLLUMVIRUS**
- Epiphyllumvirus maculans*, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
- EVONYMUSVIRUS**
- Evonymusvirus variegans*, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
- FESTINA**, Thomas in Thomas and Rawlins 1951c, 139.
 (Gen. Vir.) (Val. Pub. Illeg. principle 1 ((2)))
 Type sp. (monotype): *Festina lente*, Thomas in
 Thomas and Rawlins 1951, 139.
 Comment: Authors have stated intent to ridicule
 nomenclature as currently applied to the viruses.
- Festina lente*, Thomas in Thomas and Rawlins 1951c, 139.
 (Sp. Vir.) (Val. Pub. Illeg. Principle 1 ((2)))
 Comment: Type species of genus *Festina*, Thomas in
 Thomas and Rawlins 1951, 139.

- FICIVIR**, Condit and Horne 1941, 563.
 (Gen. Vir.) (Val. Pub., Leg.)
 Type sp. (monotype): *Ficivirus caricae*, Condit and Horne 1941, 563.
- Ficivirus caricae**, Condit and Horne 1941, 563.
 (Sp. Vir.) (Val. Pub., Leg.)
Marmor caricae, (Condit and Horne) Holmes 1948, 1201, q.v.
Ficusvirus maculans, Roland 1959, 128.
 Comment: Type species of genus *Ficivirus*, Condit and Horne 1941, 563.
- FICUSVIRUS**
- Ficusvirus maculans*, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Ficivirus caricae, Condit and Horne 1941, 563, q.v., type species of genus *Ficivirus*, Condit and Horne 1941, 563.
Marmor caricae, (Condit and Horne) Holmes 1948, 1201, q.v.
- FLAVIMACULA**, McKinney 1944a, 149.
 (Gen. Vir.) (Val. Pub., Leg.)
 Type sp. (orig. des.): *Flavimacula persicae*, (Holmes) McKinney 1944a, 149.
- Flavimacula ipomoeae*, Doolittle and Harter 1945, 703.
 (Sp. Vir.) (Val. Pub., Leg.)
 Comment: Nomenclaturally legitimate, but according to Hildebrand 1960, 751 this is an indeterminable mixture of three viruses.
- Flavimacula persicae*, (Holmes) McKinney 1944a, 149.
 (Sp. Vir.) (Val. Pub., Leg.)
Marmor persicae, Holmes 1939b, 81, q.v.
Annulus pruni, Christoff 1958, 383.
Persicavirus maculans, Roland 1959, 129.
 Comment: Type species of genus *Flavimacula*, McKinney 1944a, 149.
- Flavimacula persicae*, (Holmes) McKinney 1944a, 149.
 (Sp. Vir.) (Val. Pub., Leg.)
Marmor persicae, Holmes 1939b, 81, q.v.
Prunivir flavimacula, Hutchins et al. 1951, 26.
Annulus pruni, Christoff 1958, 383.
Persicavirus maculans, Roland 1959, 129.
 Comment: Type species of genus *Flavimacula*, McKinney 1944a, 149.
- FOLIOPELLIS**, Valleau 1940, 825.
 (Gen. Vir.) (Val. Pub., Leg.)
 Type sp. (monotype): *Foliopellis erodens*, (Holmes) Valleau 1940, 825.
- Foliopellis erodens*, (Holmes) Valleau 1940, 825.
 (Sp. Vir.) (Val. Pub., Leg.)
Marmor erodens, Holmes 1939a, 435.
Marmor erodens, Holmes 1939b, 42, q.v.
Maphiflexus nico-erodens, Hansen 1956, 123.
Nicotianavirus erodens, Roland 1959, 130.
 Comment: Type species of genus *Foliopellis*, Valleau 1940, 825.
- FRACTILINEA**, McKinney 1944a, 148.
 (Gen. Vir.) (Val. Pub., Leg.)
Fractilineavirus, Krieg 1961, 147.
 Type sp. (orig. des.): *Fractilinea maidis*, McKinney 1944a, 149.
- Fractilinea avenae*, McKinney 1944b, 327.
 (Sp. Vir.) (Val. Pub., Leg.)
Graminevorus avenae, (McKinney) Ryzhkov 1952, 466, q.v.
Liburnae filus gramini, Sukhov 1956, 264, type species of genus *Liburnae filus*, Sukhov 1956, 264.
Avenavirus rosettae, Klinkowski and Kreutzberg 1958, 4.
Avenavirus rosettana, Roland 1959, 129.
Fractilineavirus avenae, (McKinney) Krieg 1961, 149.
- Fractilinea maidis*, (Holmes) McKinney 1944a, 149.
 (Sp. Vir.) (Val. Pub., Leg.)
Marmor maidis, Holmes 1939b, 56, q.v.
Marmor maidis, Holmes 1939a, 435.
Dacivavirus zeae, Hansen 1956, 125.
Zeavirus virgatum, Roland 1959, 129.
 Comment: Type species of genus *Fractilinea*, McKinney 1944a, 149.

- Fractilinea maidis* var. *nitis*, (Holmes) Holmes 1948, (Var. Vir.) (Val. Pub., Leg.) 1160.
Marmor maidis var. *mite*, Holmes 1939b, 58, q.v.
- Fractilinea maidis* var. *sacchari*, (Holmes) Holmes 1948, (Var. Vir.) (Val. Pub., Leg.) 1159.
Marmor maidis var. *sacchari*, Holmes 1939b, 57, q.v.
- Fractilinea maidis* var. *typicum*, (Holmes) Holmes 1948, (Var. Vir.) (Val. Pub., Illeg.: Rule 7) 1159.
Marmor maidis var. *typicum*, (Holmes) Holmes 1939b, 56, q.v., type variety of species *Marmor maidis*, Holmes 1939b, 56.
Zeavirus virgatum, Roland 1959, 129.
 Comment: Type variety of species *Fractilinea maidis*, (Holmes) Holmes 1948, 1159.
- Fractilinea oryzae*, (Holmes) Holmes 1948, 1160.
 (Sp. Vir.) (Val. Pub., Leg.)
Marmor oryzae, Holmes 1939b, 64, q.v.
Oryzavirus nanescens, Roland 1959, 130.
Fractilineavirus oryzae, (Holmes) Krieg 1961, 147.
- Fractilinea quarta*, (Holmes) Holmes 1948, 1161.
 (Sp. Vir.) (Val. Pub., Leg.)
Marmor quartum, Holmes 1939b, 65, q.v.
- Fractilinea tritici*, McKinney 1944b, 327.
 (Sp. Vir.) (Val. Pub., Leg.)
Graminevorus tritici, (McKinney) Ryzhkov 1952, 466, q.v., type species of genus *Graminivirus*, Ryzhkov 1952, 466.
Triticumvirus retardans, Klinkowski and Kreutzberg 1958, 2, type species of genus *Triticumvirus*, Klinkowski and Kreutzberg 1958, 2.
Fractiliavirus tritici, (McKinney) Krieg 1961, 148.
- Fractilinea zae*, (Holmes) Holmes 1948, 1161.
 (Sp. Vir.) (Val. Pub., Leg.)
Marmor zae, Holmes 1939b, 59, q.v.
Zeavirus maculans, Roland 1959, 129.
- FRACTILINEAVIRUS**, Krieg 1961, 147.
 (Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
Fractilinea, McKinney 1944a, 148.
 Type sp.: *Fractilinea maidis*, McKinney 1944a, 149.
- Fractilineavirus avenae*, (McKinney) Krieg 1961, 149.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Fractilinea avenae, McKinney 1944b, 327, q.v.
Graminevorus avenae, (McKinney) Ryzhkov 1952, 466, q.v.
- Fractilineavirus oryzae*, (Holmes) Krieg 1961, 147.
 (Sp. Vir.) (Val. Pub., Illeg.: Rules 24a, 24b)
Marmor oryzae, Holmes 1939b, 64, q.v.
Fractilinea oryzae, (Holmes) Holmes 1948, 1160, q.v.
- Fractilineavirus tritici*, (McKinney) Krieg 1961, 148.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Fractilinea tritici, McKinney 1944a, 327, q.v.
- Fractilineavirus zae*, (Holmes) Krieg 1961, 149.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor zae, Holmes 1939b, 59, q.v.
Fractilinea zae, (Holmes) Holmes 1948, 1161, q.v.
- FRAGARIAVIRUS**
- Fragariavirus crispans*, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor fragariae, Holmes 1939b, 78, q.v.
- Fragariavirus cupuliformans*, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub., Rule 12a2)
Nanus cupuliformans, Zeller and Weaver 1941, 851, q.v.
- Fragariavirus everruculosum*, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Nanus fragariae, Holmes 1939b, 128, q.v.
Blastogenus fragariae, (Holmes) McKinney 1944a, 151, q.v., type species of genus *Blastogenus*, McKinney 1944a, 151.

- Fragariavirus marginans, Roland 1959, 130.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor marginans, Holmes 1939b, 79, q.v.
- GALLA, Holmes 1939a, 435.
(Gen. Vir.) (Not Val. Pub.: Rule 12a2)
Galla, Holmes 1939b, 105.
Type sp. (orig. des.): Galla fijiensis, Holmes 1939a,
435.
- Galla anemones, Holmes 1939b, 108.
(Sp. Vir.) (Val. Pub., Leg.)
Anemonevirus deformans, Roland 1959, 127.
- Galla australiensis, Holmes 1939b, 107.
(Sp. Vir.) (Val. Pub., Leg.)
Chlorogenus australiensis, (Holmes) Holmes 1948,
1147, q.v.
Leptomotropus lycopersici, Ryzhkov 1952, 466.
Leptomotropus lycopersici, Kohler and Klinkowski
1954, 601.
Hyalesthesophilus solenacii, Sukhov 1956, 264.
Lycopersicumvirus australiense, Roland 1959, 130.
Comment: Klinkowski and Uschdraweit 1958, 103,
consider this synonymous with Chlorogenus vaccinii,
Holmes 1939b, 10.
- Galla fijiensis, Holmes 1939a, 435.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Galla fijiensis, Holmes 1939b, 106, q.v., type
species of genus Galla, Holmes 1939b, 105.
- Galla fijiensis, Holmes 1939b, 106.
(Sp. Vir.) (Val. Pub., Leg.)
Galla fijiensis, Holmes 1939a, 435, type
species of genus Galla, Holmes 1939a, 435.
Dacicavivirus sacchari-galli, Hansen 1956, 125.
Saccharumvirus fijense, Roland 1959, 130.
Comment: Type species of genus Galla, Holmes 1939b,
105.
- Galla queenslandiensis, Holmes 1939b, 109.
(Sp. Vir.) (Val. Pub., Leg.)
Saccharumvirus nanescens, Roland 1959, 130.
- Galla verrucae, Blodgett 1943, 30.
(Sp. Vir.) (Val. Pub., Leg.)
Galla verrucae, "Holmes" in Smith 1957, 346.
Prunivir verruca, Blodgett et al. 1951, 56.
Prunivir verruca, "Fawcett" in Smith 1957, 346.
Persicavirus verrucans, Roland 1959, 129.
- Galla zae, McKinney 1944b, 328.
(Sp. Vir.) (Val. Pub., Leg.)
Zeavirus verrucans, Roland 1959, 129.
- GAPHIVIRUS, Hansen 1958, 222.
(Gen. Vir.) (Not Val. Pub.: Rule 12a)
Hordeumvirus, Klinkowski and Kreutzberg 1958, 9, q.v.
Type sp. (orig. des.): Gaphivirus avenae, Hansen
1958, 222.
- Gaphivirus avenae, Hansen 1958, 222.
(Sp. Vir.) (Not Val. Pub.: Rule 12a)
Minchorda hordei, Hansen 1956, 126, q.v.
Comment: Type species of genus Gaphivirus, Hansen
1958, 222.
- GECICAVIRUS, Hansen 1958, 222
(Gen. Vir.) (Not Val. Pub.: Rule 13a)
- GINCHORDA, Hansen 1956, 127.
(Gen. Vir.) (Val. Pub., Leg.)
Type sp. (orig. des.): Ginchorda nico-caulis, Hansen
1956, 127.
- Ginchorda nico-caulis, Hansen 1956, 127.
(Sp. Vir.) (Val. Pub., Leg.)
Solanumvirus maculans, Roland 1959, 129.
Solanumvirus singulare, Kohler 1952, 51.
Nicotiana virus humetranslatum, Roland 1952, 53.
Comment: Type species of genus Ginchorda, Hansen
1956, 127.
- GINGLOBUS, Hansen 1956, 127.
(Gen. Vir.) (Val. Pub., Leg.)
Ginivirus, Hansen 1956, 126.
Type sp. (orig. des.): Ginglobus nico-gamma, Hansen
1956, 127.
- Ginglobus nico-alpha, Hansen 1956, 127.
(Sp. Vir.) (Val. Pub., Leg.)
- Ginglobus nico-beta, Hansen 1956, 127.
(Sp. Vir.) (Val. Pub., Leg.)
- Ginglobus nico-gamma, Hansen 1956, 127.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor lethale, Holmes 1939b, 86, q.v.
Comment: Type species of genus Ginglobus, Hansen
1956, 127.
- GINVIRUS, Hansen 1956, 126.
(Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
Ginglobus, Hansen 1956, 127, q.v.
Type sp. (orig. des.): Ginivirus nico-gamma, Hansen
1956, 126.
- Ginivirus nicogamma, Hansen 1956, 126 in syn.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor lethale, Holmes 1939b, 86, q.v.
Ginglobus nico-gamma, Hansen 1956, 127,
type species of genus Ginglobus, Hansen 1956, 127.
Comment: Type species of genus Ginivirus, Hansen
1956, 126.
- Ginivirus tritici, Hansen 1956, 126.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24b)
Marmor tritici, Holmes 1939b, 61; McKinney 1944b,
323, q.v.
- GOSSYPIUMVIRUS
- Gossypiumvirus crispans, Roland 1959, 128.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Ruga gossypii, Holmes 1939b, 116, q.v.
- GRAMINEVORUS, Ryzhkov 1952, 466.
(Gen. Vir.) (Val. Pub., Leg.)
Triticumvirus, Klinkowski and Kreutzberg 1958, 2.
Type sp. (subs. des. Barkley 1958, 125):
Graminevorus tritici, (McKinney) Ryzhkov 1952, 466.
- Graminevorus avenae, (McKinney) Ryzhkov 1952, 466.
(Sp. Vir.) (Val. Pub., Leg.)
Fractilinea avenae, McKinney 1944b, 327.
Liburnafilus graminis, Sukhov 1956, 264.
Avenavirus rosettae, Klinkowski and Kreutzberg 1958,
Avenavirus rosettans, Roland 1959, 129.
Fractilineavirus avenae, (McKinney) Krieg 1961, 149.
- Graminevorus tritici, (McKinney) Ryzhkov 1952, 466.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Fractilinea tritici, McKinney 1944a, 327.
Triticumvirus retardans, Klinkowski and Kreutzberg
1958, 2, type species of genus Triticumvirus,
Klinkowski and Kreutzberg 1958, 2.
Fractilineavirus tritici, (McKinney) Krieg 1961, 148.
Comment: Type species of genus Graminevorus,
Ryzhkov 1952, 466.
- HETVIRACEAE, Hansen 1956, 130.
(Fam. Vir.) (Val. Pub., Illeg.: Rule 3)
Comment: Includes the collective genera:
Mehetvirus, Hansen 1956, 130 and
Dahetvirus, Hansen 1956, 130.
- HIBISCUSVIRUS
- Hibiscusvirus nervimaculans, Roland 1959, 128.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Ochrovena hibisci, Kapoor and Varma 1950, 229,
q.v., type species of genus Ochrovena, Kapoor and
Varma 1950, 229.
- HOLODISCUSVIRUS
- Holodiscusvirus everniculosum, Roland 1959, 128.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
- HORDEUMVIRUS, Klinkowski and Kreutzberg 1958, 9.
(Gen. Vir.) (Val. Pub., Leg.)
Gaphivirus, Hansen 1958, 222.
Type sp. (monotype): Hordeumvirus nanescens,
Klinkowski and Kreutzberg 1958, 9.

Hordeumvirus nanescens, Klinkowski and Kreutzberg 1958, 9.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Minchorda hordei, Hansen 1956, 126, q.v.
 Comment: Type species of genus *Hordeumvirus*, Klinkowski and Kreutzberg 1958, 9.

HUMULUSVIRUS

Humulusvirus flavopingens, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Humulusvirus urticans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Chlorogenus humuli, Holmes 1939b, 15, q.v.

HYALESTHESOPHILUS, Sukhov 1956, 264.
 (Gen. Vir.) (Not Val. Pub.: Rule 13d)
 Type sp. (monotype, subs. des. Barkley 1958, 125 as *Hyalesthesophilus solenaei*):
Hyalesthesophilus solenacii, Sukhov 1956, 264.

Hyalesthesophilus solenacii, Sukhov 1956, 264.
 (Sp. Vir.) (Not Val. Pub.: Rule 13d)
Chlorogenus australiensis, (Holmes) Holmes 1948, 1147, q.v.
Galla australiensis, Holmes 1939b, 107, q.v.
 Comment: Type species of genus *Hyalesthesophilus*, Sukhov 1956, 264.

HYOSCYAMUSVIRUS

Hyoscyamusvirus maculans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor hyosyami, Holmes 1948, 1171; q.v.
Maphiflexus hyosyami, (Holmes) Hansen 1956, 123, q.v.

INCHORDOIDEAE, Hansen 1956, 126.
 (Subfam. Vir.) (Val. Pub., Illeg., Rule 3)
 Comment: Includes *Minchorda*, Hansen 1956, 126,
Dinchorda, 1956, 127, and
Ginchorda, 1956, 127.

INFLEXOIDEAE, Hansen 1956, 127.
 (Sub. Fam. Vir.) (Val. Pub., Illeg., Rule 3)
 Comment: Includes genus: *Miniflexus*, 1956, 127.

INGLOBOIDEAE, Hansen 1956, 127.
 (Subfam. Vir.) (Val. Pub., Illeg., Rule 3)
 Comment: Includes 3 genera: *Minglobus*, Hansen 1945,
Dinglobus, Hansen 1956, 127, and 127,
Ginglobus, Hansen 1956, 127.

INVIRACEAE, Hansen 1956, 125.
 (Fam. Vir.) (Val. Pub., Illeg.: Rule 3)
 Comment: Includes 3 subfamilies:
Inchordioideae, Hansen 1956, 126,
Inflexoideae, Hansen 1956, 127,
Ingloboideae, Hansen 1956, 127,
 and 3 collective genera: *Minivirus*, Hansen 1956, 125,
Dinivirus, Hansen 1956, 125, and
Ginivirus, Hansen 1956, 126.

INVIRALES, Hansen 1956, 125.
 (Ord. Vir.) (Val. Pub., Leg.)
 Comment: Includes the family *Inviraceae*, Hansen 1956, 125.

IRIDIVIR, Fawcett 1940, 560.
 (Gen. Vir.) (Not Val. Pub.: Rules 12a2, 13e)

IRISVIRUS

Irisvirus maculans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor iridis, Holmes 1939b, 55, q.v.

JATROPHAVIRUS

Jatrophaviruses flavescens, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Jatrophavirus maculans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Ruga bermisiae, Holmes 1939b, 117, q.v.
Ochrosticta bermisiae, (Holmes) McKinney 1944a, 149, q.v., type species of genus *Ochrosticta*, McKinney 1944a, 149.

KREIZBERGLIA, Ryzhkov 1952, 466.
 (Gen. Vir.) (Not Val. Pub.: Rule 13a)
 Type sp. (monotype): *Kreizbergia pistasiae*, Ryzhkov 1952, 466.

Kreizbergia pistaciae, Ryzhkov 1952, 466.
 (Sp. Vir.) (Not Val. Pub.: Rule 14a2)

LACTUCAVIRUS

Lactucavirus maculans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor lactucae, Holmes 1939b, 84, q.v.

LETHACEAE, Holmes 1939b, 135.
 (Fam. Vir.) (Val. Pub., Leg.)
 Type genus *Lethum*, Holmes 1939, 135.

LETHUM, Holmes 1939b, 135.
 (Gen. Vir.) (Val. Pub., Leg.)
Thripsophilus, Ryzhkov 1952, 466.
Methyvirus, Hansen 1956, 129.
 Type sp. (orig. des.): *Lethum australiense*, Holmes 1939b, 136.

Lethum australiense, Holmes 1939b, 136.
 (Sp. Vir.) (Val. Pub., Leg.)
Thripsophilus lycopersici, Ryzhkov 1952, 466,
 type species of genus *Thripsophilus*, Ryzhkov 1952, 466.
Methyvirus lethum, Hansen 1956, 129,
 type species of genus *Methyvirus*, Hansen 1956, 129.
Lycopersicumvirus zonatum, Roland 1959, 130.
 Type var. (orig. des.): *Lethum australiense* var.
typicum, Holmes 1939b, 136.
 Comment: Type species of genus *Lethum*, Holmes 1939b, 135.

Lethum australiense var. *lethale*, Holmes 1939b, 138.
 (Var. Vir.) (Val. Pub., Leg.)

Lethum australiense var. *typicum*, Holmes 1939b, 136.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7)

Lethum rhizospilum, Hildebrand 1960, 756.
 (Sp. Vir.) (Val. Pub., Leg.)

LEVISTICUMVIRUS

Levisticumvirus maculans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

LIBURNIAFILUS, (sic) Sukhov 1956, 264.
 (Gen. Vir.) (Not Val. Pub.: Rule 13a)
 Type sp. (monotype): *Liburniafilus gramini*, Sukhov 1956, 264.
Liburniafilus gramini, Sukhov 1956, 264.
 (Sp. Vir.) (Not Val. Pub.: Rule 14a2)
Fractilinea avenae, McKinney 194b, 327, q.v.
Graminevorus avenae, (McKinney) Ryzhkov 1952, 466, q.v.
 Comment: Type species of genus *Liburniafilus*, Sukhov 1956, 264.

LILIUMVIRUS

Liliumvirus occultum, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Adelonusus lili, Brierley and Smith 1944, 551, q.v.,
 type species of genus *Adelonusus*, Brierley and Smith 1944, 551.

Liliumvirus rosettans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor lili, Heinze 1959, 91, 179, 245, q.v.

LYCOPERSICUMVIRUS

- Lycopersicumvirus australiense*, Roland 1959, 130.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Galla australiense, Holmes 1939b, 107, q.v.
Chlorogenus australiensis, (Holmes) Holmes 1948,
1147, q.v.
- Lycopersicumvirus fructudecolorans*, Roland 1959, 130.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
- Lycopersicumvirus reticulosum*, Roland 1959, 130.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
- Lycopersicumvirus sterilefaciens*, Roland 1959, 130.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
- Lycopersicumvirus zonatum*, Roland 1959, 130.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Lethum australiense, Holmes 1939b, 136, q.v.
- LYSOGENUS*, Ryzhkov 1952, 466.
(Gen. Vir.) (Val. Pub., Illeg.: Rule 13a)
Type sp. (monotype): *Lysogenus typhi*, Ryzhkov 1952,
466.
- MACAVIRUS*, Hansen 1958, 223.
(Gen. Vir.) (Val. Pub., Leg.)
Type sp. (monotype): *Macavirus tritici*, Hansen 1958,
223.
- Macavirus tritici*, Hansen 1958, 223.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor virgatum, McKinney 1944b, 324, q.v.
Comment: Type species of genus *Macavirus*, Hansen
1958, 223.
- MALEVIRUS**
- Malevirus euphorbiae*, Hansen 1956, 129.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor conspicuum, Costa and Bennett 1950, 282,
q.v.
Comment: Type species of genus *Malevirus*, Hansen
1956, 129.
- MAPHICHORDA**, Hansen 1956, 123.
(Gen. Vir.) (Val. Pub., Leg.)
Type sp. (orig. des.): *Maphichorda raphani*, (Holmes)
Hansen 1956, 123.
- Maphichorda dianthi-latens*, Hansen 1956, 123.
(Sp. Vir.) (Val. Pub., Leg.)
- Maphichorda raphani*, Hansen 1956, 123.
(Sp. Vir.) (Val. Pub., Leg.)
Marmor raphani, Holmes 1948, 1200, q.v.
Maphivirus raphani, Hansen 1958, 222.
Raphanusvirus maculans, Roland 1959, 130.
Comment: Type species of genus *Maphichorda*,
Hansen 1956, 123.
- MAPHIFLEXUS**, Hansen 1956, 123.
(Gen. Vir.) (Val. Pub., Leg.)
Maphivirus, Hansen 1956, 222.
Vectomarmor, Limasset 1948, 293.
Type sp. (orig. des.): *Maphiflexus solani*, Hansen
1956, 123.
- Maphiflexus hyoscyami*, (Holmes) Hansen 1956, 123.
(Sp. Vir.) (Val. Pub., Leg.)
Marmor hyoscyami, Holmes 1948, 1171, q.v.
Hyoscyamusvirus maculans, Roland 1959, 128.
- Maphiflexus nico-erodens*, Hansen 1956, 123.
(Sp. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
Marmor erodens, Holmes 1939b, 40, q.v.
Foliopellis erodens, (Holmes) Valleau 1940, 825, q.v.,
type species of genus *Foliopellis*, Valleau 1940, 825.
- Maphiflexus solani*, Hansen 1956, 123.
(Sp. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
Marmor upsilon, (Holmes) Holmes 1948, 1172, q.v.
Comment: Type species of genus *Maphiflexus*,
Hansen 1956, 123.
- MAPHIGLOBUS**, Hansen 1956, 124.
(Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
Murielba, Valleau 1940, 823, q.v.
Type sp. (orig. des.): *Maphiglobus cucumeris*,
(Holmes) Hansen 1956, 124.
- Maphiglobus cucumeris*, (Holmes) Hansen 1956, 124,
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24a) 126.
Marmor cucumeris, Holmes 1939b, 31, q.v.
Murielba cucumeris, (Holmes) Valleau 1940, 823, q.v.
Type species of genus *Maphiglobus*, Hansen 1956, 124.
- MAPHIVIRUS**, Hansen 1956, 122.
(Gen. Vir.) (Val. Pub., Illeg.: Rules 24a, 25e)
Maphiflexus, Hansen 1956, q.v.
Type sp. (orig. des.): *Maphivirus solani*, Hansen
1956, 123.
- Maphivirus raphani*, (Holmes) Hansen 1958, 222.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24b)
Maphichorda raphani, (Holmes) Hansen 1956, 123, q.v.,
type species of genus *Maphichorda*, Hansen 1956, 123.
Marmor raphani, Holmes 1948, 1200, q.v.
- Maphivirus solani*, Hansen 1956, 123.
(Sp. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
Marmor upsilon, (Holmes) Holmes 1948, 1172, q.v.
Comment: Type species of genus *Maphivirus*, Hansen
1956, 123.
- MARMOR**, Holmes 1939a, 434.
(Gen. Vir.) (Not Val. Pub.: Rule 12a2)
Type sp. (orig. des.): *Marmor tabaci*, (d'Herelle)
Holmes 1939a, 434.
- MARMOR**, Holmes 1939b, 16.
(Gen. Vir.) (Val. Pub., Leg.)
Musivum, Valleau 1940, 822.
Phytovirus, Thornberry 1941, 23.
Virothrix, Ryzhkov 1952, 465.
not *Virothrix*, Ryzhkov 1950, 16.
Crystallobiotus, Ryzhkov 1952, 472.
Phytovirus, Bawden 1953, 543.
Minchorda, Hansen 1956, 126.
Minivirus, Hansen 1956, 126.
Type sp. (orig. des.): *Marmor tabaci*, Holmes 1939b,
30.
- Marmor abaca*, Holmes 1939b, 63.
(Sp. Vir.) (Val. Pub., Leg.)
Musavirus rosettans, Roland 1959, 127.
- Marmor abutilon*, Holmes 1939a, 435.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor abutilon, Holmes 1939b, 50, q.v.
- Marmor abutilon*, Holmes 1939b, 50.
(Sp. Vir.) (Val. Pub., Leg.)
Marmor abutilon, Holmes 1939a, 435.
Photophilus elegans, Ryzhkov 1952, 467.
Dalevirus abutiloni, Hansen 1956, 130.
Abutilonvirus variegans, Roland 1959, 127.
- Marmor aevi*, Holmes 1948, 1200.
(Sp. Vir.) (Val. Pub., Leg.)
Celery-calico virus
Source: CUCURBITACEAE - *Cucumis sativus*, L.
Cucumber: *C. melo*, L., *Cajeteloupe*; *Cucurbita pepo*,
L., *Summer crook neck squash*; RANUNCULACEAE -
Delphinium chinensis; D. *formosum*, hardy larkspur;
D. *grandiflorum*; D. *parryi*; D. *zalil*; SOLANACEAE -
Lycopersicon esculentum, Mill., tomato;
UMBELLIFERAE - *Apium graveolens*, L., celery.
- Marmor angeliae*, (sic) Holmes 1948, xii,
see *Marmor angliae*, Holmes 1939b, 48.
- Marmor angliae*, Holmes 1939b, 48; 1948, xii
(see *Marmor angeliae*) (Sp. Vir.) (Val. Pub., Leg.)
Pseudomarmor angliae, Limasset 1948, 293.
Solanumvirus mirum, Kohler 1952b, 51.
Solanum virus experimentotranslatum, Roland 1952,
53.
- Marmor agropyri*, McKinney 1944b, 326.
(Sp. Vir.) (Val. Pub., Leg.)
Agropyrumvirus maculans, Roland 1959, 127.
Type var. (orig. des.): *Marmor agropyri* var.
typicum, McKinney 1944b, 326.
- Marmor agropyri* var. *flavum*, McKinney 1944b, 326.
(Var. Vir.) (Val. Pub., Illeg.: Rule 7)
non *Marmor dubium* var. *flavum*, Holmes 1939b, 46.

- Marmor agropyri var. typicum, McKinney 1944b, 326.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7)
 Comment: Type variety of species Marmor agropyri,
 McKinney 1944b, 326.
- Marmor angustum, McKinney 1950, 705.
 (Sp. Vir.) (Val. Pub., Leg.)
 Nothoscordumvirus maculans, Roland 1959, 129.
- Marmor anularium, McKinney 1944b, 327.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24b)
 Annulus tabaci var. virginiensis, Holmes 1939b, 98.
- Marmor arachidis, Holmes 1939b, 67.
 (Sp. Vir.) (Val. Pub., Leg.)
 Peanut-rosette virus
 Source: Leguminosae - *Arachis hypogaea*, L., peanut.
- Marmor arachidis, Holmes 1939b, 67.
 (Sp. Vir.) (Val. Pub., Leg.)
 Arachisvirus rosettans, Roland 1959, 128.
- Marmor astri, Holmes 1939b, 83.
 (Sp. Vir.) (Val. Pub., Leg.)
 Peach asteroid-spot virus
 Source: ROSACEAE - *Prunus persica*, (L.) Batsch,
 peach.
- Marmor astri, Holmes 1939b, 83.
 (Sp. Vir.) (Val. Pub., Leg.)
 Persicavirus astrosignans, Roland 1959, 129.
- Marmor astrictum, Holmes 1939b, 27; 1948, 1167.
 (Sp. Vir.) (Val. Pub., Leg.)
 Cucurbit-mosaic virus
 Described as Marmor astrictum var. chlorogenum,
 Holmes 1939b, 27.
 Source: CUCURBITACEAE - *Cucumis sativus*, L.,
 cucumber; *C. anguria*, L., gherkin; *C. melo*, L.,
 melon; *Citrullus vulgaris*, Schrad., watermelon.
 Type var. (orig. des.): Marmor astrictum var.
 chlorogenum, Holmes 1939b, 27.
- Marmor astrictum var. aucuba, Holmes 1939b, 29.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7)
 non Marmor aucuba, Holmes 1939b, 49.
- Marmor astrictum var. chlorogenum, Holmes 1939b, 27.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7)
 Cucumivirus viridimaculans, Roland 1959, 128.
 Musivum astrictum, Valleau 1940, 823.
 Minchorda cucumeris, Hansen 1956, 126.
 Comment: Type variety of species Marmor astrictum,
 Holmes 1939b, 27.
- Marmor astrictum var. lagenari, (sic) Kapoor and Varma
 1948, 275,
 see Marmor astrictum var. lagenariae.
- Marmor astrictum var. lagenariae, Kapoor and Varma
 1948, 275.
 (Var. Vir.) (Val. Pub., Leg.)
 As Marmor astrictum lagenari.
- Marmor astrictum var. subobscurum, Vasudeva,
 Raychaudhuri and Singh 1949, 185.
 (Var. Vir.) (Val. Pub., Leg.)
- Marmor aucuba, Holmes 1939a, 435.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor aucuba, Holmes 1939b, 49, q.v.
- Marmor aucuba, Holmes 1939b, 49.
 (Sp. Vir.) (Val. Pub., Leg.)
 non Marmor astrictum var. aucuba, Holmes 1939b, 20.
 Marmor aucuba, Holmes 1939a, 435.
 Solanumvirus aucuboides, Kohler 1952b, 51.
 Solanum virus aucubamarmor, Roland 1952, 53.
 Phytopivirus paracrystalis var. aucuba, Bawden 1953,
 543.
 Potato aucuba-mosaic virus
 Source: SOLANACEAE - *Solanum tuberosum*, L.,
 potato.
- Marmor aucuba var. canadense, Black and Price 1940,
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7) 444.
 non Marmor tabaci var. canadense, Holmes 1939b, 23.
 Canada-streak strain of potato aucuba-mosaic virus.
- Marmor betae, Holmes 1939b, 72.
 (Sp. Vir.) (Val. Pub., Leg.)
 Aphidophilus betae, Ryzhkov 1952, 465.
 Betavirus maculans, Roland 1959, 128.
 Sugarbeet mosaic virus
 Source: CHENOPODIACEAE - *Beta vulgaris*, L.,
 beet; *Spinacia oleracea*, L., spinach.
- Marmor brassicae, Holmes 1939b, 70.
 (Sp. Vir.) (Val. Pub., Illeg.)
 Marmor matthiolae, Holmes 1939b, 71.
 Aphidophilus curciferae, Ryzhkov 1952, 465.
 Aphidophilus cruciferae, Klinkowski and Unschedraweit
 1958, 84.
 Brassicavirus flavescens, Roland 1959, 139.
 Brassicavirus nigromaculans, Roland 1959, 128.
 Brassicavirus octahedron, Roland 1959, 130.
 Matthiolovirus maculans, Roland 1959, 130.
 Turnip mosaic virus
 Source: CRUCIFERAE - *Brassica rapa*, L., turnip;
B. napobrassica, Mill., swede or rutabaga; *B. napus*,
 L., rape; *B. nigra*, (L.) Koch, black mustard; *B. oleracea*, L., cabbage; *Armoracia rusticana*, Gaertn.,
 horseradish; *Cheiranthus cheiri*, L., wallflower;
Matthiola incana, R. Br., stock; *Sinapis alba*, L.,
 white mustard.
- Marmor campestre, McKinney 1944b, 324.
 (Sp. Vir.) (Val. Pub., Leg.)
 Type var. (orig. des.): Marmor campestre var.
 typicum, McKinney 1944b, 324.
- Marmor campestre var. galbinum, McKinney 1944b, 324.
 (Var. Vir.) (Val. Pub., Leg.)
- Marmor campestre var. typicum, McKinney 1944b, 324.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7)
 Comment: Type variety of species Marmor campestre,
 McKinney 1944b, 324.
- Marmor caricae, (Condit and Horne) Holmes 1948, 1201.
 (Sp. Vir.) (Val. Pub., Leg.)
 Ficivir caricae, Condit and Horne 1941, 563, q.v.
 Ficusvirus maculans, Roland 1959, 128.
 Source: MORACEAE - *Ficus caria*, L., fig; *F. altissima*, Blume; *F. krishna*; and *F. tsieila*, Roxb.
- Marmor cepae, Holmes 1939b, 66.
 (Sp. Vir.) (Val. Pub., Leg.)
 Alliumvirus flavorugans, Roland 1959, 129.
 Onion yellow-dwarf virus
 Source: LILIACEAE - *Allium cepa*, L., onion.
- Marmor cerasi, Zeller and Evans 1941, 467.
 (Sp. Vir.) (Val. Pub., Leg.) as Marmor cerassae.
 Prunivirus cerasi, McLarty et al. 1951, 106.
 Cerasusvirus maculans, Roland 1959, 128.
 Cherry mottle-leaf virus
 Source: ROSACEAE - *Prunus avium*, L., sweet
 cherry; *P. emarginata*, (Dougl.) Walp., wild cherry.
- Marmor cerassae, Zeller and Evans 1941, 467.
 Marmor cerasi, q.v.
- Marmor chrysanthemi, Keller 1953a, 35; 1953b, 406.
 (Sp. Vir.) (Val. Pub., Leg.)
 Marmor chrysanthemi, "Holmes" in Klinkowski 1958b,
 194.
- Marmor cichorii, Kvicala 1956, 624.
 (Sp. Vir.) (Val. Pub., Leg.)
- Marmor citrulii, Anderson 1954b, 201.
 (Sp. Vir.) (Val. Pub., Leg.)
- Marmor citrulii var. flavidanum, Anderson 1954, 201.
 (Var. Vir.) (Val. Pub., Leg.)
- Marmor colei, Klinkowski 1954, 559.
 (Sp. Vir.) (Val. Pub., Leg.)

- Marmor conspicuum, Costa and Bennett 1950, 282.
(Sp. Vir.) (Val. Pub., Leg.)
Malevirus euphorbiae, Hansen 1956, 129,
type species of genus Malevirus, Hansen 1956, 129.
- Marmor constans, McKinney 1944, 326.
(Sp. Vir.) (Val. Pub., Leg.)
Tobacco mild dark-green mosaic virus.
Source: SOLANACEAE - Nicotiana glauca, R. Grah., tree tobacco.
- Marmor cruciferarum, Holmes 1939b, 69.
(Sp. Vir.) (Val. Pub., Leg.)
Cauliflower-mosaic virus.
Source: CRUCIFERAE - Brassica oleracea, L., cauliflower, kale, Brussels sprouts, cabbage and broccoli; B. campestris, L., wild yellow mustard; Matthiola incana, R. Br., annual stock.
- Marmor cruciferarum, Holmes 1939b, 69.
(Sp. Vir.) (Val. Pub., Leg.)
Brassicavirus nerviclarrens, Roland 1959, 128.
- Marmor cucumeris, Holmes 1939a, 434.
(Sp. Vir.) (Not Val. Pub., Rule 12a2)
Marmor cucumeris, Holmes 1949b, 31, q.v.
Murielba cucumeris, (Holmes) Valleau 1940, 823, q.v.
- Marmor cucumeris, Holmes 1939b, 31.
(Sp. Vir.) (Val. Pub., Leg.)
Marmor cucumeris, Holmes 1939a, 434.
Murielba cucumeris, (Holmes) Valleau 1940, 823, q.v., type species of genus Murielba, Valleau 1940, 823.
Aphidophilus cucumeris, (Holmes) Ryzhkov 1952, 465, type species of genus Aphidophilus, Ryzhkov 1952, 465.
Virococcus cucurbitae, Ryzhkov 1952, 465, type species of genus Virococcus, Ryzhkov 1952, 465.
Phytovirus paracrystallis var. cucumis, Bawden 1953, 543.
Aphidophilus cucurbitae, Kohler and Klinkowski 1954, 677.
Maphiglobus cucumeris, (Holmes) Hansen 1956, 124, type species of Maphiglobus, Hansen 1956, 124.
Mexevirus cucurbitae, Hansen 1956, 128.
Mexeglobus cucurbitae, Hansen 1958, 222, type species of genus Mexeglobus, Hansen 1958, 222.
Maphivirus cucumeris, Hansen 1958, 222.
Cucurbativirus maculans, Roland 1959, 130.
Cucumisvirus maculans, Roland 1959, 128.
Type var. (orig. des.): Marmor cucumeris var. vulgare, Holmes 1939b, 31.
- Marmor cucumeris, Holmes 1948, 1173.
(Sp. Vir.) (Val. Pub., Leg.)
Murielba cucumeris, Valleau 1940, 823.
Cucumber-mosaic virus.
Described as Marmor cucumeris var. vulgare, Holmes 1939b, 31.
Source: Dicotyledonous and monocotyledonous plants; cucumber; celery; spinach; tobacco and pepper.
- Marmor cucumeris var. commeliniae, Holmes 1939a, 434.
(Var. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor cucumeris var. commeliniae, Holmes 1939b, 35, q.v.
- Marmor cucumeris var. commeliniae, Holmes 1939b, 35.
(Var. Vir.) (Val. Pub., Leg.)
Marmor cucumeris var. commeliniae, Holmes 1939a, 434.
Southern celery-mosaic strain of cucumber-mosaic virus.
Source: Celery and other plants.
- Marmor cucumeris var. judicis, Holmes 1939b, 38.
(Var. Vir.) (Val. Pub., Leg.)
Indicator strain of cucumber-mosaic virus.
Source: Zinnia.
- Marmor cucumeris var. lilii, Holmes 1939a, 434.
(Var. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor cucumeris var. lilii, Holmes 1939b, 37, q.v.
- Marmor cucumeris var. lilii, Holmes 1949b, 37.
(Var. Vir.) (Val. Pub., Leg.)
Marmor cucumeris var. lilii, Holmes 1939a, 434.
Lily-mosaic strain of cucumber-mosaic strain.
Source: Lilies.
- Marmor cucumeris var. phaseoli, Holmes 1939b, 36.
(Var. Vir.) (Val. Pub., Illeg.: Rule 7)
not Marmor phaseoli, 1939b, 87.
Lima-bean strain of cucumber-mosaic virus.
Source: Lima bean.
- Marmor cucumeris var. upsilon, Holmes 1939a, 434.
(Var. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor cucumeris var. upsilon, Holmes 1939b, 33, q.v.
Marmor cucumeris var. upsilon, Holmes 1939b, 33.
(Var. Pub., Leg.)
Marmor upsilon, (Holmes) Holmes 1948, 1172, q.v.
- Marmor cucumeris var. vignae, Holmes 1939b, 39.
(Var. Vir.) (Val. Pub., Leg.)
not Marmor vignae, Holmes 1948, 1188.
Cowpea-mottling strain of cucumber-mosaic virus.
Source: Black cowpea.
- Marmor cucumeris var. vulgare, Holmes 1939a, 434; 1939b, 31.
(Var. Vir.) (Val. Pub., Illeg.: Rule 7)
Marmor cucumeris var. vulgare, Holmes 1939a, 434; 1939b, 31, q.v.
- Marmor cucumeris var. zinae, Prasad and Raychaudhuri 1962, 125.
(Var. Vir.) (Val. Pub., Leg.)
- Marmor cynarae, Costa, Duffus, Morton, Yarwood and Bardin 1959, 52.
(Sp. Vir.) (Val. Pub., Leg.)
- Marmor dahliae, Holmes 1939b, 85.
(Sp. Vir.) (Val. Pub., Leg.)
Mexevirus helianthi, Hansen 1956, 128.
Dahlaviirus maculans, Roland 1959, 128.
Nervillustrans dahliae, (Holmes) Limasset 1948, 293, q.v., type species of genus Nervillustrans, Limasset 1948, 293.
- Marmor daturae, Kapoor and Varma 1952, 312.
(Sp. Vir.) (Val. Pub., Leg.)
- Marmor decipiens, Gilmer 1958, 434.
(Sp. Vir.) (Val. Pub., Leg.)
- Marmor dilucidum, van Katwijk according to Baumann 1958, 126, 132.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Annulus pyri, Christoff 1958, 424, q.v.
- Marmor dipsaci, Stoner 1951, 193.
(Sp. Vir.) (Val. Pub., Leg.)
as Marmor dipsacum.
- Marmor dipsacum, Stoner 1951, 193,
see Marmor dipsaci.
- Marmor dodecahedron, Holmes 1939b, 30.
(Sp. Vir.) (Val. Pub., Leg.)
Crystallococcus lycopersici, Ryzhkov 1952, 465.
Lycopersicumvirus dodecahedron, Roland 1959, 130.
- Marmor dubium, Holmes 1939b, 42.
(Sp. Vir.) (Val. Pub., Leg.)
Marmor dubium, Holmes 1939a, 434.
Annulus dubius, (Holmes) Holmes 1948, 1214, q.v.
Solanophilus tuberosi, Ryzhkov 1952, 465, type species of genus Solanophilus, Ryzhkov 1952, 465.
Solanum-virus deforms, Kohler 1952a, 294, type species of genus Solanum-virus, Kohler 1952a, 294.
Minflexus solani, Hansen 1956, 127, type species of genus Minflexus, Hansen 1956, 127.
Minivirus solani, Hansen 1958, 222.
Type var. (orig. des.): Marmor dubium var. vulgare, Holmes 1939a, 434.

- Marmor dubium var. annulus, Holmes 1939a, 435.
 (Val. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor dubium var. annulus, Holmes 1939b, 44, q.v.
 Annulus dubius var. annulus, (Holmes) Holmes 1948,
 1215, q.v.
- Marmor dubium var. annulus, Holmes 1939b, 44.
 (Var. Vir.) (Val. Pub., Leg.)
 Annulus dubius var. annulus (Holmes) Holmes 1948,
 1915, q.v.
 Marmor dubium var. annulus, Holmes 1939a, 435.
Solanumvirus anulosum, Kohler 1952b, 51.
Solanum virus contactutranslatum, Roland 1952, 55.
Solanumvirus X-nominatum, Roland 1959, 129.
- Marmor dubium var. flavum, Holmes 1939b, 46.
 (Var. Vir.) (Val. Pub., Leg.)
 Annulus dubius var. flavus, (Holmes) Holmes 1948,
 1216, q.v.
- Marmor dubium var. obscurum, Holmes 1939a, 435.
 (Var. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor dubium var. obscurum, Holmes 1939b, 46,
 q.v.
 Annulus dubius var. obscurus, (Holmes) Holmes 1948,
 1216, q.v.
- Marmor dubium var. obscurum, Holmes 1939b, 46.
 (Var. Vir.) (Val. Pub., Leg.)
 Annulus dubius var. obscurus, (Holmes) Holmes 1948,
 1216, q.v.
- Marmor dubium var. vulgare, Holmes 1939a, 435.
 (Var. Vir.) (Not Val. Pub.: Rule 12a2)
 Annulus dubius var. vulgaris, (Holmes) Holmes 1948,
 1215, q.v.
 Marmor dubium var. vulgaris, Holmes 1939b, 42, q.v.
 Comment: Type variety of species Marmor dubium,
 Holmes 1939a, 435.
- Marmor dubium var. vulgaris, Holmes 1939b, 42.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7)
 Annulus dubius var. vulgaris, (Holmes) Holmes 1948,
 1215, q.v.
 Comment: Type variety of species Marmor dubium,
 Holmes 1939b, 42.
- Marmor efficiens, Johnson 1942, 114-115.
 (Sp. Vir.) (Val. Pub., Leg.)
Pisumvirus maculosum, Roland 1959, 129.
 Source: LEGUMINOSAE - *Trifolium repens*, L.,
 white clover; *Pisum sativum*, L., pea.
- Marmor erodens, Holmes 1939a, 435.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor erodens, Holmes 1939b, 40, q.v.
 Type var. (orig. des.): Marmor erodens var. vulgare,
 Holmes 1939a, 435.
- Marmor erodens, Holmes 1939b, 40; 1948, 1171.
 (Sp. Vir.) (Val. Pub., Leg.)
 Marmor erodens, Holmes 1939a, 435.
Foliopellis erodens, (Holmes) Valleau 1940, 825, q.v.,
 type species of genus *Foliopellis*, Valleau, 1940, 825.
Maphilexus nico-erodens, Hansen 1956, 123.
Nicotianavirus erodens, Roland 1959, 130.
 Type var. (orig. des.): Marmor erodens var. vulgare,
 Holmes 1939b, 40.
- Marmor erodens var. severum, Holmes 1939a, 435.
 (Var. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor erodens var. severum, Holmes 1939b, 41,
 q.v.
- Marmor erodens var. severum, Holmes 1939b, 41.
 (Var. Vir.) (Val. Pub., Leg.)
 Marmor erodens var. severum, Holmes 1939a, 435.
- Marmor erodens var. vulgare, Holmes 1939a, 435.
 (Var. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor erodens var. vulgare, Holmes 1939b, 40,
 q.v., type variety of species Marmor erodens, Holmes
 1939b, 40.
 Comment: Type variety of species Marmor erodens,
 Holmes 1939a, 435.
- Marmor erodens var. vulgare, Holmes 1939b, 40.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7)
 Marmor erodens var. vulgare, Holmes 1939a, 435,
 type variety of species Marmor erodens, Holmes
 1939a, 435.
 Comment: Type variety of species of Marmor erodens,
 Holmes 1939b, 40.
- Marmor euonymi, Holmes 1939b, 51.
 (Sp. Vir.) (Val. Pub., Leg.)
 Source: CELASTRACEAE - *Euonymus japonica*, L. f.
 (sometimes written *Evonymus japonicus*). Probably
 also *E. radicans*, Sieb.
- Marmor fastidiens, Holmes 1948, 1189.
 (Sp. Vir.) (Val. Pub., Leg.)
 Type var. (orig. des.): Marmor fastidiens var.
 fastidiens, Holmes 1948, 1190.
 Source: LEGUMINOSAE - *Trifolium hybridum*, L.,
 alsike clover; *Pisum sativum*, L., pea (except the
 varieties Horal, Perfection and Surprise.)
- Marmor fastidiens var. denudans, Holmes 1948, 1190.
 (Var. Vir.) (Val. Pub., Leg.)
- Marmor fastidiens var. fastidiens, Holmes 1948, 1190.
 (Var. Vir.) (Val. Pub., Leg.)
 Comment: Type variety of species Marmor fastidiens,
 Holmes 1948, 1189.
- Marmor fastidiens var. mite, Holmes 1948, 1190.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7)
 non Marmor mite, Holmes 1939b, 53.
- Marmor fastidiens var. reprimens, Holmes 1948, 1190.
 (Var. Vir.) (Val. Pub., Leg.)
- Marmor flaccumfaciens, Holmes 1939b, 73.
 (Sp. Vir.) (Val. Pub., Leg.)
Rosavirüs flaccifaciens, Roland 1959, 130.
- Marmor flavopunctum, Zaumeyer and Thomas 1950, 858.
 (Sp. Vir.) (Val. Pub., Leg.)
- Marmor fragariae, Holmes 1939b, 78.
 (Sp. Vir.) (Val. Pub., Leg.)
Fragariavirüs crispans, Roland 1959, 130.
- Marmor graminis, McKinney 1944b, 325.
 (Sp. Vir.) (Val. Pub., Leg.)
Bromusvirus maculans, Roland 1959, 128.
 Source: GRAMINEAE - *Bromus inermis*, Leyss.,
 awnless brome-grass.
- Marmor hyoscyami, Holmes 1948, 1171.
 (Sp. Vir.) (Val. Pub., Leg.)
Maphilexus hyoscyami, (Holmes) Hansen 1956, 123,
 q.v.
Hyoscyamusvirus maculans, Roland 1959, 128.
 Source: SOLANACEAE - *Hyoscyamus niger*, L.,
 henbane.
- Marmor iners, Holmes 1948, 1190.
 (Sp. Vir.) (Val. Pub., Leg.)
 Source: LEGUMINOSAE - *Pisum sativum*, L., pea.
- Marmor iridis, Holmes 1939b, 55.
 (Sp. Vir.) (Val. Pub., Leg.)
Irisvirus maculans, Roland 1959, 128.
 Source: IRIDACEAE - *Iris filifolia*, Boiss., I.
 tingitana, Boiss. and Reut., and I. xiphium, L.,
 bulbous irises; *Iris ricardi*, Hort., I. unguicularis,
 Poir.; bearded iris, variety William Mohr.
- Marmor italicum, Bitancourt 1953, 454.
 (Sp. Vir.) (Not Val. Pub.: Rule 12c2, 14a2)
 Marmor italicum, (Fawcett) Holmes 1948, 1202, q.v.
 Comment: Type species of genus *Marmorodes*,
 Bitancourt 1953, 453.

- Marmor italicum, (Fawcett) Holmes 1948, 1202.
(Sp. Vir.) (Val. Pub., Leg.)
Citrivir italicum, Fawcett 1940, 561; 1941, 357.
Marmorodes italicum, Bitancourt 1953, 454,
type species of genus Marmorodes, Bitancourt 1953,
453.
Citrusvirus maculans, Roland 1959, 128.
Source: RUTACEAE - Citrus aurantium, L., sour
orange.
- Marmor laburni, Holmes 1939b, 51.
(Sp. Vir.) (Val. Pub., Leg.)
Source: LEGUMINOSAE - Laburnum vulgare, Griseb.
(L. anagyroides, Medic.), bean tree.
- Marmor lacerans, Holmes 1939b, 82.
(Sp. Vir.) (Val. Pub., Leg.)
Carpophthora lacerans, (Holmes) McKinney 1944a,
152, type species of genus Carpophthora, McKinney
1944a, 152, q.v.
Daxeovirus pruni, Hansen 1956, 128,
type species of genus Daxeovirus, Hansen 1956, 128.
Persicavirus lacerans, Roland 1959, 129.
Carpophthoravirus lacerans, (Holmes) Krieg 1961,
150, type species of genus Carpophthoravirus, (sic)
Krieg 1961, 150.
- Marmor lactucae, Holmes 1939b, 84.
(Sp. Vir.) (Val. Pub., Leg.)
Source: COMPOSITAE - Lactuca sativa, L., lettuce;
Senecio vulgaris, L., groundsel.
- Marmor laesiofaciens, Zaumeyer and Harter 1943b, 305.
(Sp. Vir.) (Val. Pub., Leg.)
Minglobus phaseoli, Hansen 1956, 127.
Phaseolusvirus laedens, Roland 1959, 128.
Source: LEGUMINOSAE - Phaseolus vulgaris, L.,
bean.
- Marmor laesiofaciens var. minus, Zaumeyer and Harter
1943, 305.
(Var. Vir.) (Val. Pub., Leg.)
Marmor laesiofaciens var. minor, Smith 1957, 63.
- Marmor leguminosarum, Holmes 1939b, 89.
(Sp. Vir.) (Val. Pub., Leg.)
Aphidophilus pisi, Ryzhkov 1952, 465.
- Marmor lethale, Holmes 1939b, 86.
(Sp. Vir.) (Val. Pub., Leg.)
Crystallococcus tabaci, Ryzhkov 1952, 465.
Ginivirus nico-gamma, Hansen 1956, 126,
type species of genus Ginivirus, Hansen 1956, 126.
Ginglobus nico-gamma, Hansen 1956, 127,
type species of genus Ginglobus, Hansen 1956, 127.
Nicotianavirus letale, (sic) Roland 1959, 130.
Source: SOLANACEAE - Nicotiana tabacum, L.,
tobacco; N. glutinosa, L.; N. langsdorffii, Weinm.;
Lycopersicon esculentum, Mill., tomato; Solanum
nigrum, L. COMPOSITAE - Aster. GERANIACEA -
Pelargonium hortorum, Bailey. LEGUMINOSAE -
Phaseolus vulgaris, L., bean.
- Marmor ligustrii, Holmes 1939b, 52.
(Sp. Vir.) (Val. Pub., Leg.)
Source: OLERACEA - Ligustrum vulgare, L., common
privet.
- Marmor lilii, Heinze 1959, 91, 179, 245.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 7)
not Marmor cucumeris var. lilii, Holmes 1939b, 37.
Liliumvirus rosettans, Roland 1959, 129.
- Marmor lineopictum, Cation 1941, 1009.
(Sp. Vir.) (Val. Pub., Leg.)
Marmor pallidolimbatus, Zeller and Milbrath 1942,
635.
Annulus pruni var. artum, Christoff 1958, 390.
Source: ROSACEAE - Prunus salicina, Lindl.,
Japanese plum; P. mahaleb, L., mahaleb cherry;
P. persica, (L.) Batsch, peach (Amygdalus persica,
L.)
- Marmor maidis, Holmes 1939a, 435.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor maidis, Holmes 1939b, 56, q.v.
Fractilinea maidis, (Holmes) McKinney 1944a, 149,
q.v., type species of genus Fractilinea, McKinney
1944a, 148.
Marmor maidis, Holmes 1939b, 56.
(Sp. Vir.) (Val. Pub., Leg.)
Marmor maidis, Holmes 1939a, 435.
Fractilinea maidis, (Holmes) McKinney 1944a, 149,
q.v., type species of genus Fractilinea, McKinney
1944a, 148.
Dacicavirus zae, Hansen 1956, 125.
Zeavirus virgatum, Roland 1959, 129.
Described as Marmor maidis var. typicum, Holmes
Source: Maize.
- Marmor maidis var. mite, Holmes 1939b, 56.
(Var. Vir.) (Val. Pub., Illeg.: Rule 7)
not Marmor mite, Holmes 1939b, 53.
Fractilinea maidis var. mitis, (Holmes) Holmes
1948, 1160, q.v.
- Marmor maidis var. sacchari, Holmes 1939b, 57.
(Var. Vir.) (Val. Pub., Illeg.: Rule 7)
not Marmor sacchari, Holmes 1939b, 60.
Fractilinea maidis var. sacchari, (Holmes) Holmes
1948, 1159.
- Marmor maidis var. typicum, Holmes 1939b, 56.
(Var. Vir.) (Val. Pub., Illeg.: Rule 7)
Fractilinea maidis var. typicum, (Holmes) Holmes
1948, 1159, q.v., type variety of species Fractilinea
maidis, (Holmes) Holmes 1948, 1159.
Zeavirus virgatum, Roland 1959, 129.
Comment: Type variety of species Marmor maidis,
Holmes 1939b, 56.
- Marmor mali, Holmes 1939b, 75.
(Sp. Vir.) (Val. Pub., Leg.)
Pyrusvirus maculans, Roland 1959, 127.
Source: ROSACEAE - Pyrus malus, L., apple.
- Marmor malvae var. chlorogenus, Hein 1956, 233.
(Var. Vir.) (Val. Pub., Leg.)
- Marmor malvae var. vulgare, Hein, 1956, 233.
(Var. Vir.) (Val. Pub., Illeg.: Rule 7)
Comment: Type variety of species Marmor malvae,
Hein 1956, 233.
- Marmor manifestum, Frandsen 1952, 415.
(Sp. Vir.) (Val. Pub., Leg.)
- Marmor marginans, Holmes 1939b, 79.
(Sp. Vir.) (Val. Pub., Leg.)
Fragariavirus marginans, Roland 1959, 130.
Source: ROSACEAE - Fragaria hybrids, strawberries;
F. californica, C. and S.; F. chiloensis, Duch.
(symptomless).
- Marmor matthiolae, Holmes 1939b, 71.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor brassicae, Holmes 1939b, 70, q.v.
- Marmor medicaginis, Holmes 1939b, 91.
(Sp. Vir.) (Val. Pub., Leg.)
Crystallococcus medicaginis, Ryzhkov 1952, 465.
Medicagovirus maculans, Roland 1959, 129.
Type var. (subs. des.): Marmor medicaginis var.
typicum, Black and Price 1940, 446.
Source: LEGUMINOSAE - Medicago sativa, L.,
alfalfa (lucerne). SOLANACEAE - Solanum tuberosum,
L., potato.
- Marmor medicaginis var. capsici, Berkeley 1947, 789.
(Var. Vir.) (Val. Pub., Leg.)
- Marmor medicaginis var. flavovarians, Zaumeyer 1953,
(Var. Vir.) (Val. Pub., Leg.) 42.
- Marmor medicaginis var. ladino, Kreitlow and Price
1949, 526.
(Var. Vir.) (Val. Pub., Leg.)

- Marmor medicaginis var. phaseoli, Thomas 1951, 973.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7)
 non Marmor phaseoli, Holmes 1939b, 87.
- Marmor medicaginis var. solani, Black and Price 1940,
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7) 446.
 non Marmor solani, Holmes 1939b, 47.
- Marmor medicaginis var. solani, Black and Price 1940,
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7) 446.
 Medicago virus parvum, Roland 1952, 53.
- Marmor medicaginis var. typicum, Black and Price 1940,
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7) 446.
 Comment: Type variety of species Marmor medicaginis,
 Holmes 1939b, 91.
- Marmor melonis, Rader, Fitzpatrick and Hildebrand
 1947, 815.
 (Sp. Vir.) (Val. Pub., Leg.)
 Cucumisvirus vastans, Roland 1959, 129.
- Marmor melonis var. obscurum, Anderson 1954c, 373.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7)
 non Marmor tabaci var. obscurum, Holmes 1939b, 26.
- Marmor mexicanum, Yerkes and Patino 1960, 338.
 (Sp. Vir.) (Val. Pub., Leg.)
- Marmor mite, Holmes 1939b, 53.
 (Sp. Vir.) (Val. Pub., Leg.)
 Source: LILIACEAE - *Lilium amabile*; *L. auratum*, Lindl.; *L. canadense*, L.; *L. candidum*, L.; *L. cernuum*; *L. chalcedonicum*; *L. croceum*, Chaix.; *L. davmottiae*; *L. elegans*, Thunb.; *L. formosanum*, Stapf.; *L. giganteum*; *L. henryi*, Baker; *L. leucanthemum*; *L. longiflorum*, Thunb.; *L. miyriophyllum*; *L. pumilum*; *L. regale*, Wils.; *L. sargentiae*, Wils.; *L. speciosum*, Thunb.; *L. superbum*, L.; *L. testaceum*, Lindl.; *L. tigrinum*, Ker.; *L. umbellatum*, Hort.; *L. wallacei*; *Tulipa gesneriana*, L., garden tulip; *T. clusiana*, Vent.; *T. linifolia*, Regel.
- Marmor nerviclares, Zeller and Evans 1941, 467.
 (Sp. Vir.) (Val. Pub., Leg.)
 Source: ROSACEAE - *Prunus avium*, L., sweet cherry. Perhaps also *P. serrulata*, Lindl. and *P. domestica*, L., on which symptoms similar to those induced by this virus have been observed.
- Marmor oryzae, Holmes 1939b, 64.
 (Sp. Vir.) (Val. Pub., Leg.)
Fractilinea oryzae, (Holmes) Holmes 1948, 1160, q.v.
Oryzavirus nanescens, Roland 1959, 130.
Fractilineavirus oryzae, (Holmes) Krieg 1961, 147.
- Marmor pachyrhizi, Holmes 1948, 1188.
 (Sp. Vir.) (Val. Pub., Leg.)
 Source: LEGUMINOSAE - *Pachyrhizus erosus*, (L.) Urb. *sincamas* (yam bean)
- Marmor pallidolimbatus, Zeller and Milbrath 1942, 50.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a) 635.
 Marmor lineopictum, Cation 1941, 1009, q.v.
 Source: ROSACEAE - *Prunus serrulata*, Lindl., flowering cherry; *P. avium*, L., Mazzard cherry.
- Marmor papavae, Kapoor and Varma 1958, 231.
 (Sp. Vir.) (Val. Pub., Leg.)
- Marmor passiflorae, Holmes 1939b, 77.
 (Sp. Vir.) (Val. Pub., Leg.)
 Source: PASSIFLORACEAE - *Passiflora edulis*, Sims, passion fruit; *P. caerulea*, L.
- Marmor pelargonii, Holmes 1948, 1199.
 (Sp. Vir.) (Val. Pub., Leg.)
Pelargoniumvirus crispans, Roland 1959, 129.
 Source: GERANIACEAE - *Pelargonium hortorum*, Bailey, geranium.
- Marmor persicae, Holmes 1939b, 81.
 (Sp. Vir.) (Val. Pub., Leg.)
Flavimacula persicae, (Holmes) McKinney 1944a, 149, q.v., type species of genus *Flavimacula*, McKinney 1944a, 149.
Annulus pruni, Christoff 1958, 383.
Persicavirus maculans, Roland 1957, 129.
 Source: ROSACEAE - *Prunus persica*, (L.) Batsch, peach and nectarine, all tested varieties.
- Marmor phaseoli, Holmes 1939a, 435.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor phaseoli, Holmes 1939b, 87, q.v.
- Marmor phaseoli, Holmes 1939b, 87.
 (Sp. Vir.) (Val. Pub., Leg.)
 non Marmor cucumeris var. phaseoli, Holmes 1939b, 36.
 Marmor phaseoli, Holmes 1939a, 435.
Aphidophilus phaseoli, Ryzhkov 1952, 465.
Phaseolusvirus maculans, Roland 1959, 128.
 Source: LEGUMINOSAE - *Phaseolus vulgaris*, L., bean.
- Marmor pintofolium, Kienholz 1947, 66.
 (Sp. Vir.) (Val. Pub., Leg.)
- Marmor pisi, Holmes 1939a, 435.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor pisi, Holmes 1939b, 90, q.v.
- Marmor pisi, Holmes 1939b, 90.
 (Sp. Vir.) (Val. Pub., Leg.)
 Marmor pisi, Holmes 1939a, 435.
Pisumvirus verrucans, Roland 1959, 129.
 Source: LEGUMINOSAE - *Pisum sativum*, L., pea; *Vicia faba*, L., broad bean.
- Marmor primulae, Holmes 1948, 1201.
 (Sp. Vir.) (Val. Pub., Leg.)
Primulavirus maculans, Roland 1959, 129.
 Source: PRIMULACEAE - *Primula obconica*, Hance.
- Marmor pyri, Holmes 1939b, 76.
 (Sp. Vir.) (Val. Pub., Leg.)
Rimocortius pyri, (Holmes) Holmes 1948, 1211, q.v.
Pinvirus pyri, (Holmes) Hansen 1956, 126, q.v.
Pyrusvirus lignificiens, Roland 1959, 129.
- Marmor quartum, Holmes 1939b, 65.
 (Sp. Vir.) (Val. Pub., Leg.)
Fractilinea quarta, (Holmes) Holmes 1948, 1161, q.v.
- Marmor raphani, Holmes 1948, 1200.
 (Sp. Vir.) (Val. Pub., Leg.)
Maphichorda raphani, (Holmes) Hansen 1956, 123, q.v., type species of genus *Maphichorda*, Hansen 1956, 123.
Maphivirus raphani, (Holmes) Hansen 1958, 222.
Raphanusvirus maculans, Roland 1959, 130.
 Source: CRUCIFERAE - *Raphanus sativus*, L., radish.
- Marmor repens, Johnson 1942, 114.
 (Sp. Vir.) (Val. Pub., Leg.)
 Source: LEGUMINOSAE - *Trifolium repens*, L., white clover.
- Marmor rhei, Klinkowski 1958a, 278.
 (Sp. Vir.) (Val. Pub., Leg.)
- Marmor rosae, Holmes 1939b, 74; 1948, 1194.
 (Sp. Vir.) (Val. Pub., Leg.)
Rosavirus maculans, Roland 1959, 130.
 Source: ROSACEAE - *Rosa rugosa*, Thunb.; *R. chinensis*, Jacq., var. *nanetti*, Dipp.; *R. multiflora*, Thunb.; *R. odorata*, Sweet, tea rose; *R. gymnocarpa*; *Rubus parviflorus*, Nutt.
- Marmor rubi, Holmes 1939b, 80.
 (Sp. Vir.) (Val. Pub., Leg.)
Poecile rubi, (Holmes) McKinney 1944a, 148, q.v., type species of genus *Poecile*, McKinney 1944a, 148.

- Marmor rubi, Holmes 1939b, 80.
(Sp. Vir.) (Val. Pub., Leg.)
Poecile rubi, McKinney 1944, 148.
Source: ROSACEAE - *Rubus idaeus*, L., red raspberry;
R. occidentalis, L., black raspberry.
- Marmor rubiginosum, Fawcett 1940, 789.
(Sp. Vir.) (Val. Pub., Leg.)
Prunivir rubiginosum, Fawcett 1940, 560.
Cerasusvirus rubiginosum, Roland 1959, 128.
- Marmor sacchari, Holmes 1939a, 435.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Phytamoeba sacchari, McWhorter 1922, 110, q.v.,
type species of genus Phytamoeba, McWhorter 1922,
109.
- Marmor sacchari, Holmes 1939b, 60.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Phytamoeba sacchari, McWhorter 1922, 110, q.v.,
type species of genus Phytamoeba, McWhorter 1922,
Sugarcane mosaic virus. 109.
Source: GRAMINEAE - *Saccharum officinarum*, L.,
sugarcane; *Holcus sorghum*, L., sorghum; *H.
sudanensis*, Bailey, Sudan grass; *Bracharia
plataphylla*, Nash; *Chaetochloa magna*, Scribn.; *C.
verticillata*, Scribn.; *Paspalum boscianum*, Flugge;
Syntherisma sanguinale, Dulac.
- Marmor santali, Holmes 1939b, 84.
(Sp. Vir.) (Val. Pub., Leg.)
Santalumvirus crispans, Roland 1959, 130.
Sandal leaf-curl virus
Source: SANTALACEAE - *Santalum album*, L.,
sandal.
- Marmor scillearum, Smith and Brierley 1944, 503.
(Sp. Vir.) (Val. Pub., Leg.)
Ornithogalumvirus maculans, Roland 1959, 129.
Ornithogalum mosaic virus.
Source: LILIACEAE (of the tribe Scillaeae) -
Ornithogalum thyrosoides, Jacq.; probably also
Galtonia candicans, Decne.; *Hyacinthus orientalis*, L.,
hyacinth; *Lachenalia* spp.
- Marmor secretum, Bennett 1944a, 88, 89.
(Sp. Vir.) (Val. Pub., Leg.)
Cuscutavir secretum, (Bennett) Bennett 1944a, 89.
Cuscutavirus occultum, Roland 1959, 128.
Dodder latent-mosaic virus.
Source: CONVOLVULACEAE - *Cuscuta californica*,
Choisy, dodder.
- Marmor senecionis, Klinkowski 1954, 698.
(Sp. Vir.) (Val. Pub., Leg.)
Seneciovirus maculans, Roland 1959, 128.
- Marmor sohjae, Heinze 1959, 57, 162, 167, 175.
(Sp. Vir.) (Val. Pub., Leg.)
- Marmor solani, Holmes 1939a, 435.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor solani, Holmes 1939b, 47, q.v.
- Marmor solani, Holmes 1939b, 547.
(Sp. Vir.) (Val. Pub., Leg.)
Marmor solani, Holmes 1939a, 435.
Solanumvirus alphaiicum, Kohler 1952b, 52.
Solanum virus parvathermis, Roland 1952, 53.
Solanumvirus A-nominatum, Roland 1959, 129.
- Marmor tabaci, Holmes 1939a, 434.
(Sp. Vir.) (Not Val. Publ.: Rule 12a2)
Protobios mosaicus, d'Herelle 1924, 343, q.v.
Type sp. of genus Marmor, Holmes 1939a, 434.
- Marmor tabaci, (d'Herelle) Holmes 1939b, 17.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Protobios mosaicus, d'Herelle 1924, 343, q.v.
Type sp. of genus Marmor, Holmes 1939b, 16.
Described as Marmor tabaci var. vulgare, Holmes
1939b, 17.
- Marmor tabaci, Holmes 1948, 1164.
(Sp. Vir.) (Val. Pub., Leg.)
Musivum tabaci, Valleau 1940, 822.
Phytovirus nicomosaicum, Thornberry 1941, 23.
Tobacco mosaic virus, tomato mosaic virus.
Source: SOLANACEAE - *Nicotiana tabacum*, L.,
tobacco; *Lycopersicon esculentum*, Mill., tomato; and
Capsicum frutescens, L., garden pepper.
- PLANTAGINACEAE - *Plantago lanceolata*, L., ribgrass,
P. major, L. and P. rugelii, Decne., common broad-
leaved plantains.
Described as Marmor tabaci var. vulgare, Holmes
1939b, 17.
- Marmor tabaci subsp. dahlemense, Melchers 1942, 48.
(Subsp. Vir.) (Val. Pub., Illeg.: Rule 24b)
- Marmor tabaci subsp. dahlemense var. luridum,
Melchers 1942, 48.
(Var. Vir.) (Val. Pub., Illeg.: Principle 7)
- Marmor tabaci var. artum, Holmes 1939b, 27.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)
- Marmor tabaci var. aucuba, Holmes 1939a, 434.
(Var. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor tabaci var. aucuba, Holmes 1939b, 20, q.v.
- Marmor tabaci var. canadense, Holmes 1939b, 23.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)
- Marmor tabaci, var. deformans, Holmes 1939a, 434.
(Var. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor tabaci var. deformans, Holmes 1939b, 22,
q.v.
- Marmor tabaci var. deformans, Holmes 1939b, 22.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)
Marmor tabaci var. deformans, Holmes 1939a, 434.
- Marmor tabaci var. immobile, Holmes 1939b, 26.
(Var. Vir.) (Val. Pub., Leg.)
- Marmor tabaci var. lethale, Holmes 1939b, 24.
(Var. Vir.) (Val. Pub., Illeg.: Rules 7 and 24b)
not Marmor lethale, Holmes 1939b, 86.
- Marmor tabaci var. luridum, Melchers 1942, 48.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)
- Marmor tabaci var. obscurum, Holmes 1939a, 434.
(Var. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor tabaci var. obscurum, Holmes 1939b, 25,
q.v.
- Marmor tabaci var. obscurum, Holmes 1939b, 25.
(Var. Vir.) (Val. Pub., Leg.)
Marmor tabaci var. obscurum, Holmes 1939a, 434.
- Marmor tabaci var. plantaginis, Holmes 1941, 1097.
(Var. Vir.) (Val. Pub., Leg.)
Musivum tabaci var. *plantaginis*, (Holmes) Valleau
and Johnson 1943, 219.
- Marmor tabaci var. rosettae, Price and Fenne 1951,
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b) 1096.
- Marmor tabaci var. siccans, Doolittle and Beecher 1942,
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b) 994.
- Marmor tabaci var. vulgare, Holmes 1939a, 434.
(Var. Vir.) (Not Val. Pub.: Rule 12a2)
Portobios mosaicus var. tabaci, d'Herelle 1924, 343,
q.v.
- Marmor tabaci var. vulgare, Holmes 1939b, 17.
(Var. Vir.) (Val. Pub., Illeg.: Rules 7 and 24b)
Protobios mosaicus var. tabaci, d'Herelle 1924, 343,
q.v.
- Marmor tabacum, (sic) Melchers 1942, 48.
Marmor tabaci, Holmes 1939b, 17, q.v.
- Marmor tabacum (sic) var. flavum, Melchers 1942, 48.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)
- Marmor tabacum (sic) var. tenuue, Melchers 1942, 48.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)

- Marmor taraxaci, Klinkowski 1954, 702.
 (Sp. Vir.) (Val. Pub., Leg.)
 Leptomotropus taraxaci, Ryzhkov 1952, 466.
 Taraxacumvirus flavesrens, Roland 1959, 128.
- Marmor terrestre, McKinney 1946, 366.
 (Sp. Vir.) (Val. Pub., Leg.)
 Type var. (orig. des.): Marmor terrestre var. typicum, McKinney 1946, 366.
- Marmor terrestre var. oculatum, McKinney 1946, 368.
 (Var. Vir.) (Val. Pub., Leg.)
- Marmor terrestre var. typicum, McKinney 1946, 368.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7)
 Comment: Type variety of species Marmor teresstre, McKinney 1946, 366.
- Marmor theobromae, Posnette 1947, 390.
 (Sp. Vir.) (Val. Pub., Leg.)
 Dacovirus theobromae, (Posnette) Hansen 1956, 129, q.v., type species of genus, Dacocvirus, Hansen 1956, 129.
 Theobromavirus inflans, Roland 1959, 128.
 Type var. (monotype): Marmor theobromae var. A, Posnette 1947, 391.
- Marmor theobromae var. A, Posnette 1947, 391.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7)
 Comment: Type variety of Marmor theobromae, Posnette 1947, 390.
- Marmor theo-bromae (sic) var. A, Heinze 1959, 104.
 (Var. Vir.) (Not Val. Pub.: Rule 12a2)
- Marmor trifolii, Holmes 1939b, 93.
 (Sp. Vir.) (Val. Pub., Leg.)
 Trifoliumvirus nervimaculans, Roland 1959, 128.
- Marmor tritici, Holmes 1939a, 435.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor tritici, Holmes 1939b, 61; McKinney 1944b, 323, q.v.
 Marmor tritici, Holmes 1939b, 61; McKinney 1944b, 323.
 (Sp. Vir.) (Val. Pub., Leg.)
 Marmor tritici, Holmes 1939a, 435.
 Ginnivirus tritici, Hansen 1956, 126.
 Triticumvirus maculans, Roland 1959, 130.
 Type var. (subs. des.): Marmor tritici var. typicum, McKinney 1944b, 323.
- Marmor tritici var. fulvum, McKinney 1944b, 324.
 (Var. Vir.) (Val. Pub., Leg.)
- Marmor tritici var. typicum, McKinney 1944b, 323.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7)
 Comment: Type variety of species Marmor tritici, Holmes 1939b, 61.
- Marmor tulipae, Holmes 1939b, 52.
 (Sp. Vir.) (Val. Pub., Leg.)
 Aphidophilus tulipae, Ryzhkov 1952, 465.
 Tulipavirus vulgare, Roland 1959, 130.
 Source: LILIACEAE - Tulipa gesneriana, L., garden tulip; T. eichleri, Regel; T. greigi, Regel.
- Marmor umbelliferarum, Holmes 1939b, 67.
 (Sp. Vir.) (Val. Pub., Leg.)
 Apiumvirus maculans, Roland 1959, 128.
- Marmor upsilon, (Holmes) Holmes 1948, 1172.
 (Sp. Vir.) (Val. Pub., Leg.)
 Marmor cucumeris var. upsilon, Holmes 1939a, 434.
 Marmor cucumeris var. upsilon, Holmes 1939b, 33.
 Murialba venataenia, Valleau 1940, 824.
 Vectomarmor upsilon, Limasset 1948, 293,
 type species of genus Vectomarmor, Limasset 1948,
 Aphidophilus tuberosi, Ryzhkov 1952, 465. 293.
 Solanum virus inpermanens, Roland 1952, 53.
 Solanumvirus ypsilonicum, Kohler 1952, 51.
 Maphiflexus solani, Hansen 1956, 123, type
 species of genus Maphiflexus, Hansen 1956, 123.
 Solanumvirus Y-nominatum, Roland 1959, 129.
- Marmor valvolarum, Zaumeyer and Thomas 1948, 95.
 (Sp. Vir.) (Val. Pub., Leg.)
- Marmor vastans, Holmes 1939b, 94.
 (Sp. Vir.) (Val. Pub., Leg.)
 Aureogenus vastans, (Holmes) Black 1944, 141, q.v.,
 type species of genus Aureogenus, Black 1944, 141.
 Solanumvirus vastans, (Holmes) Kohler 1952, 51.
 Solanum virus aceratagalliatranslatum, (sic) Roland 1952, 53.
 Agalliphilus tuberosi, Ryzhkov 1952, 466,
 type species of genus Agalliphilus, Ryzhkov 1952,
 Mecicavir solani, Hansen 1956, 124, 466.
 type species of genus Mecicavirus, Hansen 1956, 124.
 Aureogenusvirus vestans, (sic) Krieg 1961, 146,
 type species of genus Aureogenusvirus, Krieg 1961, 146.
- Marmor vastans var. agalliae, Black 1941, 233.
 (Var. Vir.) (Val. Pub., Leg.)
 Aureogenus vastans var. agalliae, (Black) Black 1944, 141.
- Marmor vastans var. lethale, Black 1940, 391.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7)
 not Marmor lethale, Holmes 1939, 86.
 Aureogenus vastans var. lethale, (Black) Holmes 1948, 1156.
- Marmor vastans var. vulgare, Black 1940, 391.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 8)
 Aureogenus vastans var. vulgare, (Black) Black 1944, 141, type variety of Aureogenus vastans, (Holmes) Black 1944, 141.
- Marmor veneniferum, Holmes 1939b, 75.
 (Sp. Vir.) (Val. Pub., Leg.)
 Rosavirus caulomaculans, Roland 1959, 130.
- Marmor vignae, Holmes 1948, 1188.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 7)
 non Marmor cucumeris var. vignae, Holmes 1939b, 39.
 Vignavirus maculans, Roland 1959, 128.
- Marmor vignae var. catjang, Capoor and Varma 1956, 101.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 24b)
- Marmor virgatum, McKinney 1944b, 324.
 (Sp. Vir.) (Val. Pub., Leg.)
 Macavirus tritici, Hansen 1958, 223,
 type species of genus Macavirus, Hansen 1958, 223.
 Type var. (orig. des.): Marmor virgatum var. typicum, McKinney 1944b, 325.
- Marmor virgatum var. typicum, McKinney 1944b, 325.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7)
 Comment: Type variety of species Marmor virgatum, McKinney 1944b, 325.
- Marmor virgatum var. viride, McKinney 1944b, 325.
 (Var. Vir.) (Val. Pub., Leg.)
- Marmor viticola, Holmes 1939b, 83.
 (Sp. Vir.) (Val. Pub., Leg.)
- Marmor zae, Holmes 1939b, 59.
 (Sp. Vir.) (Val. Pub., Leg.)
 Fractilinea zae, (Holmes) Holmes 1948, 1161, q.v.
 Zeavirus maculans, Roland 1959, 129.
 Fractilineavirus zae, (Holmes) Krieg 1961, 149.
- MARMORACEAE, Holmes Emend. 1949, 16. (Family)
 (B. '48, 1163)
- Marmorodes, Bitancourt 1953, 453.
 (Gen. Vir.) (Not Val. Pub.: Rule 12c2)
 Type sp. (monotype): Marmorodes italicum, Bitancourt 1953, 454.
- MATTHIOLAVIRUS
- Matthiolavirus maculans, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor brassicae, Holmes 1939b, 70, q.v.

- MECICAVIRUS, Hansen 1956, 124.
 (Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
Aureogenus, Black 1944, 141, q.v.
 Type sp. (orig. des.): *Mecicavirus solani*, Hansen
 1956, 124.
- Mecicavirus solani*, Hansen 1956, 124.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor vastans, Holmes 1939b, 94, q.v.
Aureogenus vastans, (Holmes) Black 1944, 141, q.v.,
 type species of genus *Aureogenus*, Black 1944, 141.
 Comment: Type species of genus *Mecicavirus*,
 Hansen 1956, 124.
- MEDICAGINIVIR, Fawcett 1940, 560.
 (Gen. Vir.) (Not Val. Pub.: Rules 12a2, 13e)
Morsus, Holmes 1948, 1153, q.v.
- MEDICAGOVIRUS
Medicagovirus everriculosum, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Chlorogenus medicaginis, Holmes 1939b, 14, q.v.
- Medicagovirus maculans*, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor medicaginis, Holmes 1939b, 91, q.v.
- Medicagovirus nanescens*, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Morsus suffodiens, Holmes 1948, 1153, q.v., type
 species of genus *Morsus*, Holmes 1948, 1153.
- Medicagovirus parvum*, Roland 1952, 53.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor medicaginis var. *solani*, Black and Price
 1940, 446, q.v.
- MEHETVIRUS, Hansen 1956, 130.
 (Gen. Vir.) (Val. Pub., Leg.)
 Type sp. (orig. des.): *Mehetvirus brassicae*, Hansen
 1956, 130.
- Mehetvirus brassicae*, Hansen 1956, 130.
 (Sp. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
Savoia napi, Holmes 1939, 133, q.v.
- METHYVIRUS, Hansen 1956, 129.
 (Gen. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
Lethum, Holmes 1939b, 135, q.v.
 Type sp. (orig. des.): *Methyvirus lethum*, Hansen
 1956, 129.
- Methyvirus lethum*, Hansen 1956, 129.
 (Sp. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
Lethum australiense, Holmes 1939b, 136, q.v.
 Comment: Type species of genus *Methyvirus*, Hansen
 1956, 129.
- MEXEGLOBUS, Hansen 1958, 222.
 (Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
Murialba, Valleur 1940, 823, q.v.
 Type sp.: *Mexeglobus cucurbitae*, Hansen 1958, 222.
- Mexeglobus cucurbitae*, Hansen 1958, 222.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor cucumeris, Holmes 1939b, 31, q.v.
Murialba cucumeris, (Holmes) Valleur 1940, 823, q.v.
 Type sp. of genus *Mexeglobus*, Hansen 1958, 222.
- MEXEVIRUS, Hansen 1956, 128.
 (Gen. Vir.) (Val. Pub., Illeg.: Rules 23, 24a)
Acrogenus, Holmes 1939b, 110, q.v.
 Type sp. (orig. des.): *Mexevirus solani*, (Holmes)
 Hansen 1956, 128.
- Mexevirus cucurbitae*, Hansen 1956, 128.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor cucumeris, Holmes 1939b, 31, q.v.
Murialba cucumeris, (Holmes) Valleur 1940, 823, q.v.
- Mexevirus helianthi*, Hansen 1956, 128.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor dahliae, Holmes 1939b, 85, q.v.
Nervillistrans dahliae, (Holmes) Limasset 1948, 293,
 q.v., type species of genus *Nervillistrans*, Limasset
 1948, 293.
- Mexevirus solani*, (Holmes) Hansen 1956, 128.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Acrogenus solani, Holmes 1939b, 111, q.v.,
 type species of genus *Acrogenus*, Holmes 1939b, 110.
 Comment: Type species of genus *Mexevirus*, Hansen
 1956, 128.
- MINCHORDA, Hansen 1956, 126.
 (Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor, Holmes 1939a, 16, q.v.
 Type sp. (orig. des.): *Minchorda nicotianae*, Hansen
 1956, 126.
- Minchorda cucumeris*, Hansen 1956, 126.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor astrictum var. *chlorogenum*, Holmes 1939b,
 27, q.v.
- Minchorda hordei*, Hansen 1956, 126.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24b)
Caphivirus avenae, Hansen 1958, 222.
Hordeumvirus nanescens, Klinkowski and Kreutzberg
 1958, 9.
 Comment: Although this binomial is illegitimate, the
 species was validly described so that the specific
 epithet is available.
- Minchorda nicotianae*, Hansen 1956, 125, 126.
 (Sp. Vir.) (Val. Pub., Illeg.: Rules 23 and 24a)
Protobios mosaicus, d'Herelle 1924, 343, q.v.
 Type sp. of genus *Minchorda*, Hansen 1956, 126.
- MINFLEXUS, Hansen 1956, 127.
 (Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
Solanophilus, Ryzhkov 1952, 465, q.v.
 Type sp. (orig. des.): *Minflexus solani*, Hansen 1956,
 127.
- Minflexus solani*, Hansen 1956, 127.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor dubium, Holmes 1939b, 42, q.v.
Annulus dubius, (Holmes) Holmes 1948, 1214, q.v.
- MINGLOBUS, Hansen 1956, 127.
 (Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
Annulus, Holmes 1939b, 97, q.v.
 Type sp. (orig. des.): *Minglobus nico-orbis*, Hansen
 1956, 127.
- Minglobus dianthi-orbis*, Hansen 1956, 127.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24b)
- Minglobus nico-orbis*, Hansen 1956, 127.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Annulus tabaci, Holmes 1939b, 98, q.v.
 Type sp. of genus *Minglobus*, Hansen 1956, 127.
- Minglobus phaseoli*, Hansen 1956, 127.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor laesiofaciens, Zaumeyer and Harter 1943b,
 305, q.v.
- MINUOR, Zeller and Braun 1943, 161.
 (Gen. Vir.) (Val. Pub., Leg.)
 Type sp. (orig. des.): *Minuor ruborum*, Zeller and
 Braun 1943, 161.
- Minuor ruborum*, Zeller and Braun 1943, 161.
 (Sp. Vir.) (Val. Pub., Leg.)
Corium ruborum, (Zeller and Braun) Holmes 1948,
 1205, q.v.
 Comment: Type species of genus *Minuor*, Zeller and
 Braun 1943, 161.
- MINVIRUS, Hansen 1956, 125.
 (Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor, Holmes 1939a, 16.
 Type sp. (orig. des.): *Minivirus nicotianae*, Hansen
 1956, 125.
- Minivirus nico-orbis*, Hansen 1958, 222.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Annulus tabaci, Holmes 1939b, 98, q.v.
- Minivirus nicotianae*, Hansen 1956, 126.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Protobios mosaicus, d'Herelle 1924, 343, q.v.
 Type sp. of genus *Minivirus*, Hansen 1956, 125.

Minivirus solani, Hansen 1958, 222.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
 Marmor dubium, Holmes 1939b, 42, q.v.
 Annulus dubius, (Holmes) Holmes 1948, 1214, q.v.

MORSUS, Holmes 1948, 1153.
 (Gen. Vir.) (Val. Pub., Leg.)
 Medicaginivir, Fawcett 1940, 560.
 Type sp. (orig. des.): Morsus suffodiens, Holmes 1948, 1153.

Morsus reprimens, Holmes 1948, 1154.
 (Sp. Vir.) (Val. Pub., Leg.)
 Nicotianavirus nanescens, Roland 1959, 130.

Morsus suffodiens, Holmes 1948, 1153.
 (Sp. Vir.) (Val. Pub., Leg.)
 Dacicavirus medi-vitis, Hansen 1956, 125.
 Medicagovirus nanescens, Roland 1956, 1152.
 Comment: Type species of genus Morsus, Holmes 1948, 1153.

Morsus ulmi, Holmes 1948, 1154.
 (Sp. Vir.) (Val. Pub., Leg.)
 Ulmusvirus librinescans, Roland 1959, 128.

MORSUSVIRUS

Morsusvirus maculans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

MURIALBA, Valleau 1940, 823.
 (Gen. Vir.) (Val. Pub., Leg.)
 Virococcus, Ryzhkov 1952, 465.
 Aphidophilus, Ryzhkov 1952, 465.
 Maphiglobus, Hansen 1956, 124.
 Mexeglobus, Hansen 1958, 222.
 Type sp. (Implied): Murialba cucumeris, (Holmes) Valleau 1940, 823.

Murialba cucumeris, (Holmes) Valleau 1940, 823.
 (Sp. Vir.) (Val. Pub., Leg.)
 Marmor cucumeris, Holmes 1939a, 434.
 Marmor cucumeris, Holmes 1939b, 31, q.v.
 Aphidophilus cucumeris, (Holmes) Ryzhkov 1952, 465, type species of genus Aphidophilus, Ryzhkov 1952, 465.
 Virococcus cucurbitae, Ryzhkov 1952, 465, type species of genus Virococcus, Ryzhkov 1952, 465.
 Phytopivirus paracrystalis var. cucumis, Bawden 1953 543.
 Aphidophilus cucurbitae, Kohler and Klinkowski 1954, 677.
 Maphiglobus cucumeris, (Holmes) Hansen 1956, 124, type species of genus Maphiglobus, Hansen 1956, 124.
 Mexevirus cucurbitae, Hansen 1956, 128.
 Mexeglobus cucurbitae, Hansen 1958, 222, type species of the genus Mexeglobus, Hansen 1956, 124.
 Maphivirus cucumeris, Hansen 1958, 222.
 Cucurbitavirus maculans, Roland 1959, 130.
 Cucumisvirus maculans, Roland 1959, 128.
 Comment: Type species of genus Murialba, Valleau 1940, 823.

Murialba venataenia, Valleau 1940, 824.
 (Sp. Vir.) (Val. Pub., Leg.)
 Marmor upsilon, Holmes 1948, 1172.
 Described as Marmor cucumeris var. upsilon, Holmes 1939b, 33.
 Source: SOLANACEAE - Solanum tuberosum, L., potato; Nicotiana tabacum, L., tobacco.

MUSAVIRUS

Musavirus deformans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Musavirus rosettans, Roland 1959, 127.
 (Sp. Vir.) Not Val. Pub.: Rule 12a2)
 Marmor abaca, Holmes 1939b, 63, q.v.

MUSIVUM, Valleau 1940, 822.
 (Gen. Vir.) (Val. Pub., Illeg.: Rules 23 and 24a)
 Marmor, Holmes 1939a, 16.
 Type sp. (orig. des.): Musivum tabaci, (Holmes) Valleau 1940, 822.

Musivum astrictum, Valleau 1940, 823.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24b)
 Marmor astrictum var. chlorogenum, Holmes 1939b, 27, q.v.

Musivum tabaci, (d'Herelle) Valleau 1940, 822.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24b)
 Protobios mosaicus, d'Herelle 1924, 343.
 Type sp. of genus Musivum, Valleau 1940, 822.

Musivum tabaci var. plantaginis, (Holmes) Valleau and Johnson 1943, 219.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 24b)
 Marmor tabaci var. plantaginis, Holmes 1941, 1097, q.v.

NANUS, Holmes 1939b, 123.
 (Gen. Vir.) (Val. Pub., Leg.)
 Type species: Nanus loganobacci, Holmes 1939b, 124.

Nanus cupuliformans, Zeller and Weaver 1941, 851.
 (Sp. Vir.) (Val. Pub., Leg.)
 Source: ROSACEAE - Fragaria chiloensis, Duch., var. ananassa, Bailey, cultivated strawberry.

Nanus fragariae, Holmes 1939b, 128.
 (Sp. Vir.) (Val. Pub., Leg.)
 Blastogenus fragariae, McKinney 1944, 151.
 Source: ROSACEAE - Fragaria chiloensis, Duch., var. ananassa, Bailey, cultivated strawberry.

Nanus holodisci, Holmes 1939b, 127.
 (Sp. Vir.) (Val. Pub., Leg.)
 Source: ROSACEAE - Holodiscus discolor, Max., ocean spray.

Nanus loganobacci, Holmes 1939b, 124.
 (Sp. Vir.) (Val. Pub., Leg.)
 Type species of genus Nanus, Holmes 1939b, 124.
 Source: ROSACEAE - Rubus loganobaccus, Bailey, loganberry and phenomenal berry.

Nanus mirabilis, Holmes 1939b, 126.
 (Sp. Vir.) (Val. Pub., Leg.)
 Source: ROSACEAE - Prunus persica, (L.) Batsch, peach.

Nanus orientalis, Holmes 1939b, 124.
 (Sp. Vir.) (Val. Pub., Leg.)
 Source: ROSACEAE - Rubus occidentalis, L., black raspberry.

Nanus pruni, Holmes 1939b, 128.
 (Sp. Vir.) (Val. Pub., Leg.)
 Source: ROSACEAE - Prunus domestica, L., var. insititia, Bailey, the Damson plum, remains symptomless.

Nanus rosettae, Holmes 1939b, 125.
 (Sp. Vir.) (Val. Pub., Leg.)
 Carpophthora rosettae, (Holmes) 1948, 1152.

Nanus sacchari, Holmes 1939b, 129.
 (Sp. Vir.) (Val. Pub., Leg.)
 Source: GRAMINEAE - Saccharum officinarum, L., sugarcane.

NORTHIELLA, Likhite 1929, 15.
 (Gen. Vir.) (Not Val. Pub.: Rule 12a2)
 Phytamoeba, McWhorter 1922, 110, q.v.
 Type sp. (monotype): Northiella sacchari, Likhite 1929, 15.
 Comment: Likhite ascribes the generic name Northiella to Lyon. McWhorter (1922, 103) states that Lyon in an unpublished manuscript, . . . proposed the name Northiella sacchari, for the organism, i.e., the foreign bodies found in the cell protoplasm of sugar cane attacked by "Fiji disease".

Northiella sacchari, "Lyon" in Likhite 1929, 15 (sed non Lyon 1910)
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Phytamoeba sacchari, McWhorter 1922, 110, q.v., type species of genus Phytamoeba, McWhorter 1922, Marmor sacchari, Holmes 1939a, 435. Marmor sacchari, Holmes 1939b, 60. Saccharumvirus maculans, Roland 1959, 130. Comment: Type species of genus Northiella, Likhite 1929, 15.

NOTHOSCORDUMVIRUS

Nothoscordumvirus maculans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor angustum, McKinney 1950, 705, q.v.

OCHROSTICTA, McKinney 1944a, 149.
 (Gen. Vir.) (Val. Pub., Leg.)
 Type sp. (orig. des.): Ochrosticta bemisiae, (Holmes)
 McKinney 1944a, 149.

Ochrosticta bemisiae, (Holmes) McKinney 1944a, 149.
 (Sp. Vir.) (Val. Pub., Leg.)
 Ruba bemisiae, Holmes 1939a, 435.
 Ruba bemisiae, Holmes 1939b, 117, q.v.
 Dalevirus manihot, Hansen 1945, 130.
 Jatrophavirus maculans, Roland 1959, 128.
 Comment: Type species of genus Ochrosticta,
 McKinney 1944a, 149.

OCHROVENA, Capoor and Varma 1950, 229.
 (Gen. Vir.) (Val. Pub., Leg.)
 Type sp. (monotype): Ochrovena hibisceae, Capoor and
 Varma 1950, 229.

Ochrovena hibisceae, Capoor and Varma 1950, 229.
 (Sp. Vir.) (Val. Pub., Leg.)
 Hibiscusvirus nervimaculans, Roland 1959, 128.
 Comment: Type species of genus Ochrovena, Capoor
 and Varma 1950, 229.

ORNITHOGALUMVIRUS

Ornithogalumvirus maculans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor scillearum, Smith and Brierley 1944, 503,
 q.v.

ORYZAVIRUS

Oryzavirus limitifaciens, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Oryzavirus nanescens, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor oryzae, Holmes 1939b, 64, q.v.
 Fractilinea oryzae, (Holmes) Holmes 1948, 1160, q.v.

PELARGONIUMVIRUS

Pelargoniumvirus crispans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor pelargonii, Holmes 1948, 1199, q.v.

PERSICAVIRUS

Persicavirus anulosum, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Annulus cerasi, Hildebrand 1944, 1003, q.v.

Persicavirus flavescens, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Chlorogenus persicae, Holmes 1939b, 5, q.v.

Persicavirus gemmidecolorans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Persicavirus lacerans, (Holmes) Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Carpophthora lacerans, (Holmes) McKinney 1944a, 152,
 q.v., type species of genus Carpophthora, McKinney
 1944a, 152.
 Marmor lacerans, Holmes 1939b, 82, q.v.

Persicavirus maculans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Marmor persicae, Holmes 1939b, 81, q.v.
 Flavimacula persicae, (Holmes) McKinney 1944a, 149,
 q.v., type species of genus Flavimacula, McKinney
 1944a, 149.

Persicavirus mirabile, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Nanus mirabilis, Holmes 1939b, 126, q.v.

Persicavirus nanescens, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Persicavirus nudans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
 Chlorogenus persicae var. vulgare, Holmes 1939b, 5,
 q.v.

Persicavirus occidentale, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Persicavirus reticulosum, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Persicavirus rosettans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Nanus rosettae, Holmes 1939b, 125, q.v.

Carpophthora rosettae, (Holmes) Holmes 1948, 1152,
 q.v.

Persicavirus rubescens, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Persicavirus variegans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Persicavirus verrucans, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Galla verrucae, Blodgett 1943, 30, q.v.

PHASEOLUSVIRUS

Phaseolusvirus flavescens, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Phaseolusvirus laedens, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Marmor laesiofaciens, Zaumeyer and Harter 1943b,
 305, q.v.

Phaseolusvirus maculans, Roland 1959, 128.

(Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Marmor phaseoli, Holmes 1939b, 87, q.v.

PHORMIUMVIRUS

Phormiumvirus flavofaciens, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

PHOTOPHILUS, Ryzhkov 1952, 467.
 (Gen. Vir.) (Val. Pub., Leg.)

Type sp. (monotype): Photophilus elegans, Ryzhkov
 1952, 467.

Photophilus elegans, Ryzhkov 1952, 467.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)

Marmor abutilon, Holmes 1939b, 50, q.v.

PHYLLOSPILUM, Hildebrand 1960, 756.

(Gen. Vir.) (Val. Pub., Leg.)

Type sp. (monotype): Phyllospilum ipomoeae,
 Hildebrand 1960, 756.

Phyllospilum ipomoeae, Hildebrand 1960, 756.
 (Sp. Vir.) (Val. Pub., Leg.)

PHYTAMOEBA, McWhorter 1922, 109.

(Gen. Vir.) (Val. Pub., Illeg.: Prin. 1, Rule 24f)

Northiella, McWhorter 1922, 103.

Northiella, Likhite 1929, 15.

Type sp. (monotype): Phytamoeba sacchari, McWhorter
 1922, 110.

Comment: Described as a protozoan genus resembling
 the genus Entamoeba. The author failed to show causal
 relationship to the Fiji disease of sugar cane, caused by
 Galla fijiensis, Holmes, q.v.

Phytamoeba sacchari, McWhorter 1922, 110.

(Sp. Vir.) (Val. Pub., Leg.)

Northiella sacchari, "Lyon" in Likhite 1929, 15,

type species of genus Northiella, Likhite 1929, 15.

Marmor sacchari, Holmes 1939a, 435.

Marmor sacchari, Holmes 1939b, 60.

Saccharumvirus maculans, Roland 1959, 130.

Comment: Type species of genus Phytamoeba,
 McWhorter 1922, 109.

- PHYTOPHAGI**, Holmes 1939a, 433.
(Division, Vira) (Val. Pub., Leg.)
- PHYTOPHAGI**, McKinney 1944a, 146.
(Calss Vir.) (Val. Pub., Illeg.: Rule 24a)
Spermatophytophagi, Holmes 1939a, 434.
- PHYTOPHAGINEAE**, Holmes 1948, 1145.
(Sub order Vir.) (Val. Pub., Leg.)
- PHYTOVIRUS**, Thornberry 1941, 23.
(Gen. Vir.) (Not Val. Pub.: Rules 12a2, 12c2, 13a)
Marmor, Holmes 1939b, 16.
Type sp. (monotype): *Phytovirus nicomosaicum*,
Thornberry 1941, 25.
- PHYTOVIRUS**, Bawden 1953, 543.
(Gen. Vir.) (Not Val. Pub.: Rule 12a)
Marmor, Holmes 1939b, 16.
Type sp. (monotype): *Phytovirus paracrystalis*,
Bawden 1953, 543.
- Phytovirus nicomosaicum*, Thornberry 1941, 23.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Protobios mosaicus, d'Herelle 1924, 343, q.v.
Type sp. of genus *Phytovirus*, Thornberry 1941, 25.
Marmor tabaci, Holmes 1939, 17.
- Phytovirus nicomosaicum* var. *vulgare*, (Holmes)
Thornberry 1941, 23.
(Var. Vir.) (Not Val. Pub., Rule 12a)
Protobios mosaicum var. *tabaci*, d'Herelle 1924, 343,
q.v.
- Phytovirus paracrystalis*, Bawden 1953, 543.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Protobios mosaicus, d'Herelle 1924, 343.
Type sp. of genus *Phytovirus*, Bawden 1953, 543.
- Phytovirus paracrystalis* var. *aucuba*, Bawden 1953, 543.
(Var. Vir.) (Not Val. Pub.: Rule 12a)
Marmor *aucuba*, Holmes 1939b, 49, q.v.
- Phytovirus paracrystalis* var. *cucumis*, Bawden 1953, 543.
(Var. Vir.) (Not Val. Pub.: Rule 12a1)
Marmor *cucumberis*, Holmes 1939b, 31, q.v.
Murielba *cucumberis*, (Holmes) Valleau 1940, 823, q.v.
- Phytovirus paracrystalis* var. *vulgare*, (Holmes) Bawden
1953, 543.
(Var. Vir.) (Not Val. Pub.: Rule 12a)
Protobios mosaicum var. *tabaci*, d'Herelle 1924, 343,
q.v.
- PHYTOVCTALES**, Krieg 1961, 142.
(Subord. Vir.) (Val. Pub., Illeg.: Rule 4)
- PIESMAPHILUS**, Ryzhkov 1952, 466.
(Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
Savoia, Holmes 1939b, 131, q.v.
Type sp. (subs. des. Barkley 1960, 70): *Piesmaphilus europeus*, Ryzhkov 1952, 466.
- Piesmaphilus americanus*, Ryzhkov 1952, 466.
(Sp. Vir.) (Not Val. Pub.: Rule 14a2)
- Piesmaphilus europaeus*, Ryzhkov 1953, 161.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Savoia *betae*, Holmes 1939b, 132, q.v.,
type species of genus *Savoia*, Holmes 1939b, 131.
- Piesmaphilus europeus*, Ryzhkov 1952, 466.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Savoia *betae*, Holmes 1939b, 131, q.v.,
type species of genus *Savoia*, Holmes 1939b, 131.
Comment: Type species of genus *Piesmaphilus*,
Ryzhkov 1952, 466.
- PISUMVIRUS**
- Pisumvirus maculosum*, Roland 1959, 129.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor *efficiens*, Johnson 1942, 115, q.v.
- Pisumvirus verrucans*, Roland 1959, 129.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor *pisi*, Holmes 1939b, 90, q.v.
- Pisumvirus virgatum*, Roland 1959, 129.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
- POAEVIR**, Fawcett 1940, 560.
(Gen. Vir.) (Not Val. Pub.: Rules 12a2, 13e)
- POECILE**, McKinney 1944a, 148.
(Gen. Vir.) (Val. Pub., Leg.)
Type sp. (monotype): *Poecile rubi*, (Holmes) McKinney
1944a, 148.
Poecile rubi, (Holmes) McKinney 1944a, 148.
(Sp. Vir.) (Val. Pub., Leg.)
Marmor *rubi*, Holmes 1939b, 80, q.v.
Comment: Type species of genus *Poecile*, McKinney
1944a, 148.
- POLYCLADUS**, McKinney 1944a, 151.
(Gen. Vir.) (Val. Pub., Leg.)
Type sp. (orig. des.): *Polycladus robiniae*, (Holmes)
McKinney 1944a, 151.
- Polycladus robiniae*, (Holmes) McKinney 1944a, 151.
(Sp. Vir.) (Val. Pub., Leg.)
Chlorogenus robiniae, Holmes 1939b, 13, q.v.
Robiniavirus everriculosum, Roland 1959, 130.
Chlorogenus robiniae, Holmes 1939a, 434.
Comment: Type species of genus *Polycladus*, McKinney
1944a, 151.
- PRIMULAVIRUS**
- Primulavirus maculans*, Roland 1959, 129.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor *primular*, Holmes 1948, 1210, q.v.
- PROTOBIOS**, d'Herelle 1924, 342.
(Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
Bacteriophagum, d'Herelle 1918, 1161.
Type sp. (orig. des.): *Protobios bacteriophagus*,
d'Herelle 1924, 343.
- Protobios bacteriophagus*, d'Herelle 1924, 343.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Bacteriophagum intestinale, d'Herelle 1918, 1161.
Type sp. of genus *Protobios*, d'Herelle 1924, 342.
- Protobios bacteriophagus*, d'Herelle 1924, 343, 345.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Bacteriophagum intestinale, d'Herelle 1918, 1161.
- Protobios bacteriophagus* var. *pestis*, Compton 1930, 152.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)
- Protobios lyssae*, d'Herelle 1924, 343.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Neurorcyctes hydrophobiae, Calkins 1907, 560, q.v.
- Protobios mosaicus* var. *tabaci*, d'Herelle 1924, 343.
(Var. Vir.) (Val. Pub., Illeg.: Rules 7 and 24b)
Marmor *tabaci* var. *vulgare*, Holmes 1939a, 434.
Marmor *tabaci* var. *vulgare*, Holmes 1939b, 17.
Phytovirus nicomosaicum var. *vulgare*, (Holmes)
Thornberry 1941, 25.
Phytovirus paracrystalis var. *vulgare*, (Holmes)
Bawden 1953, 543.
- Protobios pestiavis*, d'Herelle 1924, 343.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24b)
Protobios pestiavis var. *gallinae*, d'Herelle 1924, 343.
Tortor *balli*, Holmes 1948, 1279.
Pestigenes pullorum, Zhdanov and Korenblut 1950, 44.
Pantropus avium, Ryzhkov 1950, 17.
Gamaleia pullorum, Zhdanov 1953, 107.
Myxovirus pestis-galli, Andrewes 1956, 621; Andrewes,
Bang and Burnet 1955, 181.
- Protobios pestiavis* var. *gallinae*, d'Herelle 1924, 343.
(Var. Vir.) (Val. Pub., Illeg.: Rules 7, 24b)
Protobios pestiavis, d'Herelle 1924, 343, q.v.
- Protobios portobios*, d'Herelle 1924, 345.
(Sp. Vir.) (Not Val. Pub.: Rule 12c2)

- Protobios variabilis, d'Herelle 1924, 343.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24b)
- Protobios variabilis var. herpeti, d'Herelle 1924, 343.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)
Neurocystis herpetii, Levaditi and Schoen 1927, 961,
q.v.
- Protobios variabilis var. influenzae, d'Herelle 1924, 343.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)
Tarpeia, Holmes 1948, 1268.
- Protobios variabilis var. varicella, d'Herelle 1924, 343.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)
Cytoryctes varicellae, (d'Herelle) Muchkovski 1945,
33, q.v.
Briareus varicellae, (d'Herelle) Holmes 1948, 1233, q.v.
Strongyloplasm varicellae, (d'Herelle) Zhdanov 1953,
204, q.v.
- Protobios variolae, d'Herelle 1924, 343.
(Sp. Vir.) Val. Pub., Illeg.: Rule 24b)
Cytoryctes variolae, Guarnieri 1892, 422, q.v.
- Protobios variolae var. bovis, d'Herelle 1924, 343.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)
Strongyloplasma vacciniae var. bovis, (d'Herelle)
Zhdanov 1953, 199, q.v.
- Protobios variolae var. equi, d'Herelle 1924, 343.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)
Strongyloplasma vacciniae var. equi, Zhdanov 1953,
200, q.v.
- Protobios variolae var. hominis, d'Herelle 1924, 343.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)
Cytoryctes variolae, Guarnieri 1892, 422, q.v.
- Protobios variolae var. ovis, d'Herelle 1924, 343.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)
Strongyloplasma vacciniae var. ovis, (d'Herelle)
Zhdanov 1953, 199, q.v.
- Protobios variolae var. suis, d'Herelle 1924, 343.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b) as Protobios
variolae var. sui.
Borreliota suis, (d'Herelle) Holmes 1948, 1232, q.v.
Strongyloplasma (Zoovariola) suis, Zhdanov 1953, 203,
q.v.
- PRUNIVIR**, Fawcett 1940, 560.
(Gen. Vir.) (Not Val. Pub.: Rule 12a2)
Type sp. (monotype): Prunivir rosettae, Fawcett 1940,
560.
- Prunivir cerasi, McLarty, Lott, Milbrath, Reeves and
Zeller 1951, 106.
(Sp. Vir.) (Not Val. Pub., Rule 12c1)
Marmor cerasi, Zeller and Evans 1941, 467.
- Prunivir circummaculatum, Cochran, Hutchins, Milbrath,
Stout and Zeller 1951, 71.
(Sp. Vir.) (Not Val. Pub.: Rule 12c1)
Annulus cerasi, Hildebrand 1944, 1003, q.v.
- Prunivir circummaculatum, "Fawcett" in Smith 1957,
342 in syn.
(Sp. Vir.) (Not Val. Pub.: Rule 12d)
Annulus cerasi, Hildebrand 1944, 1003, q.v.
- Prunivir flavimacula, Hutchins, Bodine, Cochran and
Stout 1951, 26.
(Sp. Vir.) (Not Val. Pub.: Rule 12c, 12d)
Marmor persicae, Holmes 1939b, 81, q.v.
Flavimacula persicae, (Holmes) McKinney 1944a, 149,
q.v.
- Prunivir mirabilis, Hutchins, Cochran and Turner 1951,
(Sp. Vir.) (Not Val. Pub.: Rule 12c1) 17.
Nanus mirabilis, Holmes 1939b, 126, q.v.
- Prunivir rosettae, Fawcett 1940, 560.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Carpophthora rosettae, (Holmes) Holmes 1948, 1152,
Nanus rosettae, Holmes 1939b, 129, q.v.
Comment: Type species of genus Prunivir, Fawcett
1940, 560.
- Prunivir rubiginosum, Fawcett 1940, 560.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor rubiginosum, Reeves 1940, 789, q.v.
- Prunivir verruca, Blodgett, Milbrath, Reeves and
Zeller 1951, 56.
(Sp. Vir.) (Not Val. Pub.: Rule 12c1)
Galla verrucae, Blodgett 1943, 30, q.v.
- Prunivir verruca, "Fawcett" in Smith 1957, 346.
Galla verrucae, Blodgett 1943, 30, q.v.
- PRUNUSVIRUS**
- Prunusvirus nanescens, Roland 1959, 129.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Nanus pruni, Holmes 1939b, 128, q.v.
- PSEUDOMARMOR, Limasset 1948, 293.
(Gen. Vir.) (Not Val. Pub.: Rule 12a2)
Type sp. (monotype): Pseudomarmor angliae, Limasset
1948, 293.
- Pseudomarmor angliae, Limasset 1948, 293.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor angliae, Holmes 1939b, 48, q.v.
- PTERIDOVIRUS**, Thornberry 1941, 25.
(Gen. Vir.) (Not Val. Pub.: Rules 12a2, 12c2, 13a)
- PYRUSVIRUS**
- Pyrusvirus lignificiens, Roland 1959, 129.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor pyri, Holmes 1939b, 76, q.v.
Rimocortius pyri, (Holmes) Holmes 1948, 1211, q.v.
Dinivirus pyri, (Holmes) Hansen 1956, 126, q.v.
- Pyrusvirus maculans, Roland 1959, 127.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor mali, Holmes 1939b, 75, q.v.
- Pyrusvirus molliens, Roland 1959, 127.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
- Pyrusvirus rosettans, Roland 1959, 127.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Acrogenus rosettae, Baumann 1958, 119, q.v.
- Pyrusvirus variegans, Roland 1959, 129.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
- QUANJERIAEAE, Ryzhkov 1952, 465.
(Fam. Vir.) (Val. Pub., Leg.)
Type genus: Quanjeria, Ryzhkov 1952, 466.
- QUANJERIA, Ryzhkov 1952, 466.
(Gen. Vir.) (Not Val. Pub.: Rule 13a)
Corium, Holmes 1939b, 119, q.v.
Type sp. (subs. des.) Barkley 1958, 128): Quanjeria
ruberosi, Ryzhkov 1952, 466.
- Quanjeria tuberosi, Ryzhkov 1952, 466.
(Sp. Vir.) (Not Val. Pub.: Rule 14a2)
Corium solani, Holmes 1939b, 120, q.v.,
type species of genus Corium, Holmes 1939a, 119.
Comment: Type species of genus Quanjeria, Ryzhkov
1952, 466.
- Quanjeria wordereawskiana, Ryzhkov in Kohler and
Klinkowski 1954, 519,
see Quanjeria verelevskiana.
- Quanjeria verdelevskiana, Ryzhkov 1952, 466.
(Sp. Vir.) (Not Val. Pub.: Rule 14a2 as Quanjeria
verdelevskiana).
- RAPHANUSVIRUS**
- Raphanusvirus maculans, Roland 1959, 130.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor raphani, Holmes 1948, 1200, q.v.
Maphichorda raphani, (Holmes) Hansen 1956, 123, q.v.,
type species of genus Maphichorda, Hansen 1956, 123.
- RIBESVIRUS**

Ribesvirus senticosum, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Acrogenus ribis, Holmes 1939b, 112, q.v.

RIMOCORTIODES, Bitancourt 1953, 453.
 (Gen. Vir.) (Not Val. Pub.: Rule 12c2)
Rimocortius, Milbrath and Zeller 1942, 430. q.v.

RIMOCORTIUM

Rimocortius psoriasis, (Fawcett) Holmes 1948, 1210.
 (Sp. Vir.) (Val. Pub., Leg.)
Citrivir psoriasis, Fawcett 1941, 357.
 Source: RUTACEAE - *Citrus sinensis*, Osbeck,
 orange; C. limonia, Osbeck, lemon; C. maxima, Merr.,
 grapefruit.

RIMOCORTIUS, Milbrath and Zeller 1942, 430.
 (Gen. Vir.) (Val. Pub., Leg.)
Rimocortiodes, Bitancourt 1953, 453.
 Type sp. (orig. des.): *Rimocortius kwanzani*, Milbrath
 and Zeller 1942, 430.

Rimocortius kwanzani, Milbrath and Zeller 1942, 430.
 (Sp. Vir.) (Val. Pub., Leg.)
 Source: *Prunus serrulata*, Lindl., var. *kwanzan*,
 Flowering cherry; P. *avium*, L., Mazzard cherry.

Rimocortius kwanzani, Milbrath and Zeller 1942, 430.
 (Sp. Vir.) (Val. Pub., Leg.)
Dinivirus pruni, Hansen 1956, 126.
Cerasusvirus asperans, Roland 1959, 128.
 Comment: Type species of genus *Rimocortius*,
 Milbrath and Zeller 1942, 430.

Rimocortius psoriasis, (Fawcett) Holmes 1948, 1210.
 (Sp. Vir.) (Val. Pub., Leg.)
Citrivir psoriasis, Fawcett 1941, 357.
Dinivirus citri, Hansen 1956, 126.
Citrovirus acabiosum, Roland 1959, 128.
 Type var. (orig. des.): *Rimocortius psoriasis* var.
vulgare, (Fawcett) Holmes 1948, 1210.

Rimocortius psoriasis, (Fawcett) Holmes 1948, 1210.
 (Sp. Vir.) (Val. Pub., Leg.)
Citrivir psoriasis, Fawcett 1941, 357,
 type species of genus *Citrivir*, Fawcett 1941, 357.
Dinivirus citri, Hansen 1956, 126, q.v.,
 type species of genus *Dinivirus*, Hansen 1956, 126.
Citrovirus scabiosum, Roland 1959, 128.
 Type var. (orig. des.): *Rimocortius psoriasis* var.
vulgare, (Fawcett) Holmes 1948, 1210.

Rimocortius psoriasis var. *alveatum*, (Fawcett and
 Bitancourt) Holmes 1948, 1211.
 (Var. Vir.) (Val. Pub., Leg.)
Citrivir psoriasis var. *alveatum*, Fawcett and Bitancourt
 1943, 854.

Rimocortius psoriasis var. *anulatum*, (Fawcett) Holmes
 1948, 1210.
 (Var. Vir.) (Val. Pub., Leg.)
Citrivir psoriasis var. *anulatum*, Fawcett 1941, 561.

Rimocortius psoriasis var. *concavum*, (Fawcett and
 Bitancourt) Holmes 1948, 1210.
 (Var. Vir.) (Val. Pub., Leg.)
Citrivir psoriasis var. *concavum*, Fawcett and
 Bitancourt 1943, 850.

Rimocortius psoriasis var. *vulgare*, (Fawcett) Holmes
 1948, 1210.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 7)
Citrivir psoriasis var. *vulgare*, Fawcett 1940, 561;
 1941, 357.
 Comment: Type variety of species *Rimocortius*
psoriasis, (Fawcett) Holmes 1948, 1210.

Rimocortius pyri, (Holmes) Holmes 1948, 1211.
 (Sp. Vir.) (Val. Pub., Leg.)
Marmor pyri, Holmes 1939b, 76, q.v.
Dinivirus pyri, (Holmes) Hansen 1956, 126, q.v.
Pyrusvirus lignificiens, Roland 1959, 129.
 Pear stony pit virus
 Source: ROSACEAE - *Pyrus communis*, L., pear.

ROBINIAVIRUS

Robiniavirus everruculosum, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Chlorogenus robiniae, Holmes 1939b, 13, q.v.
Polycladus robiniae, (Holmes) McKinney 1944a, 151,
 q.v., type species of genus *Polycladus*, McKinney
 1944a, 151.

RUBUSVIRUS

Rubusvirus crispans, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Corium rubi, Holmes 1939b, 121, q.v.

Rubusvirus deformans, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Nanus loganobaccii, Holmes 1939b, 124, q.v.,
 type species of genus *Nanus*, Holmes 1939b, 123.

Rubusvirus letale, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Rubusvirus nanescens, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Rubusvirus retinens, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Rubusvirus virgatum, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Nanus orientalis, Holmes 1939b, 124, q.v.

RUGA, Holmes 1939a, 435.
 (Gen. Vir.) (Not Val. Pub.: Rule 12a2)
Ruga, Holmes 1939b, 114, q.v.
 Type sp. (orig. des.): *Ruga tabaci*, Holmes 1939a,
 435.

RUGA, Holmes 1939b, 114.
 (Gen. Vir.) (Val. Pub., Leg.)
 non *Rugavirus*, Krieg 1961, 151.
Ruga, Holmes 1939a, 435.
 Type sp. (orig. des.): *Ruga tabaci*, Holmes 1939b, 115.

Ruga bermisiae, Holmes 1939a, 435.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Ruga bermisiae, Holmes 1939b, 117, q.v.
Ochrosticta bermisiae, (Holmes) McKinney 1944a, 149,
 q.v., type species of genus *Ochrosticta*, McKinney
 1944a, 149.

Ruga bermisiae, Holmes 1939b, 117.
 (Sp. Vir.) (Val. Pub., Leg.)
Ruga bermisiae, Holmes 1939a, 435.
Ochrosticta bermisiae, (Holmes) McKinney 1944a, 149,
 q.v., type species of genus *Ochrosticta*, McKinney
 1944a, 149.
Dalevirus manihot, Hansen 1956, 130.
Jatrophavirus maculans, Roland 1959, 128.

Ruga gossypii, Holmes 1939a, 435.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Ruga gossypii, Holmes 1939b, 116, q.v.

Ruga gossypii, Holmes 1939b, 116.
 (Sp. Vir.) (Val. Pub., Leg.)
Ruga gossypii, Holmes 1939a, 435.
Gossypiumvirus crispans, Roland 1959, 128.

Ruga tabaci, Holmes 1939b, 115.
 (Sp. Vir.) (Val. Pub., Leg.)
Ruga tabaci, Holmes 1939a, 435, type
 species of genus *Ruga*, Holmes 1939a, 435.
Dalevirus nicotianae, Hansen 1956, 130, type
 species of genus *Dalevirus*, Hansen 1956, 130.
Nicotianavirus crispans, Roland 1959, 130.
 Comment: Type species of genus *Ruga*, Holmes 1939b,
 114.

Ruga verrucosans, Carsner and Bennett 1943, 386.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Chlorogenus eutettigicola, Holmes 1939b, 11, q.v.

Ruga verrucosans var. *brasiliensis*, Bennett and Costa
 1949, 692.
 (Var. Vir.) (Val. Pub., Illeg.: Rule 24b)

Ruga verrucosans var. *distans*, Bennett, Carsner, Coons and Brandes 1946, 44.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)

Ruga verrucosans var. *solanacearum*, Costa 1952, 402.
(Var. Vir.) (Val. Pub., Illeg.: Rule 24b)

RUGACEAE, Holmes 1939b, 114.
(Fam. Vir.) (Val. Pub., Leg.)
Type genus *Ruga*, Holmes 1939, 114.

RUGAVIRUS, Krieg 1961, 151.
(Gen. Vir.) (Val. Pub., Leg.)
non *Ruga*, Holmes 1939b, 114.
Betavir, Fawcett 1940, 560.
Type sp. (monotype): *Rugavirus verrucosans*, Krieg 1961, 151.
Rugavirus verrucosans, (Carsner and Bennett) Krieg 1961, 151.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24a) 151.
Chlorogenus eutettigicola, Holmes 1939b, 11, q.v.

RUMEXVIRUS

Rumexvirus maculans, Roland 1959, 128.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)

SACCHARUMVIRUS

Saccharumvirus fijense, Roland 1959, 130.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Galla fijiensis, Holmes 1939b, 106,
type species of genus *Galla*, Holmes 1939b, 105.

Saccharumvirus maculans, Roland 1959, 130.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Phytamoeba sacchari, McWhorter 1922, 110, q.v.,
type species of genus *Phytamoeba*, McWhorter 1922, 109.

Saccharumvirus nanescens, Roland 1959, 130.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Galla queenslandiensis, Holmes 1939b, 109, q.v.

Saccharumvirus virgatum, Roland 1959, 130.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)

SANTALUMVIRUS

Santalumvirus crispans, Roland 1959, 130.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor santali, Holmes 1939b, 94, q.v.

Santalumvirus spicans, Roland 1959, 130.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Chlorogenus santali, Holmes 1939b, 8, q.v.

SAVOIA, Holmes 1939b, 131.
(Gen. Vir.) (Val. Pub., Leg.)
Dahetvirus, Hansen 1956, 130.
Piesmaphilus, Ryzhkov 1952, 466.
Type sp. (orig. des.): *Savoia betae*, Holmes 1939b, 132.

Savoia betae, Holmes 1939b, 132.
(Sp. Vir.) (Val. Pub., Leg.)
Piesmaphilus europeus, Ryzhkov 1952, 466,
type species of genus *Piesmaphilus*, Ryzhkov 1952, 466.
Piesmaphilus europaeus, Ryzhkov 1953, 161.
Dahetvirus betae, (Holmes) Hansen 1956, 130,
type species of genus *Dahetvirus*, Hansen 1956, 130.
Betavir crispanus, Roland 1959, 128.
Comment: Type species of genus *Savoia*, Holmes 1939b, 131.

Beet Krausekrankheit virus.
Sugar beet leaf-curl virus.
Sugar beet leaf-crinkle virus.
Kopfsalat virus.

Source: CHENOPODIACEAE - *Beta vulgaris*, L., beet.

Savoia napi, Holmes 1939b, 133.
(Sp. Vir.) (Val. Pub., Leg.)
Mehetvirus brassicae, Hansen 1956, 130,
type species of genus *Mehetvirus*, Hansen 1945, 130.
Brassicavirus crispanus, Roland 1959, 130.

Savoia piesmae, Holmes 1939b, 132.
(Sp. Vir.) (Val. Pub., Leg.)

SAVOIACEAE, Holmes 1939b, 131.
(Fam. Vir.) (Val. Pub., Leg.)
Type genus *Savoia*, Holmes 1939b, 131.

SENECIOVIRUS

Seneciovirus maculans, Roland 1959, 128.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor senecionis, Klinkowski 1954, 698.

SOLANIVIR, Fawcett 1940, 560.
(Gen. Vir.) (Not Val. Pub.: Rule 12a2)
Aureogenus, Black 1944, 141, q.v.
Type sp. (monotype): *Solanivir vestans*, Fawcett 1940, 560.

Solanivir vestans, Fawcett 1940, 560.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor vastans, Holmes 1939b, 94, q.v.
Aureogenus vastans, Black 1944, 141, q.v.,
type species of genus *Aureogenus*, Black 1944, 141.
Comment: Type species of genus *Solanivir*, Fawcett 1940, 560.

SOLANOPHILUS, Ryzhkov 1952, 465.
(Gen. Vir.) (Val. Pub., Leg.)
Solanumvirus, Kohler 1952b, 51.
Solanum-virus, Kohler 1952a, 294.
Minflexus, Hansen 1956, 127.
Type sp. (subs. des. Barkley 1958, 128): *Solanophilus tuberosi*, Ryzhkov 1952, 465.

Solanophilus tuberosi, Ryzhkov 1952, 465.
(Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Marmor dubium, Holmes 1939b, 42, q.v.
Annulus dubius, (Holmes) Holmes 1948, 1214, q.v.
Comment: Type species of genus *Solanophilus*, Ryzhkov 1952, 465.

SOLANUM-VIRUS, Kohler 1952a, 294.
(Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
Solanophilus, Ryzhkov 1952, 465, q.v.
Type sp. (monotype): *Solanum-virus deformans*, Kohler 1952, 294.

SOLANUMVIRUS, Kohler 1952b, 51.
(Gen. Vir.) (Not Val. Pub.: Rule 12a2)
Solanophilus, Ryzhkov 1952, 465, q.v.

Solanumvirus acerataagliatranslatum, (sic) Roland 1952,
(Sp. Vir.) (Not Val. Pub.: Rule 12a2) 53.
Marmor vastans, Holmes 1939b, 94, q.v.
Aureogenus vastans, (Holmes) Black 1944, 141, q.v.,
type species of genus *Aureogenus*, Black 1944, 141.

Solanumvirus alphaicum, Kohler 1952b, 52.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor solani, Holmes 1939b, 47, q.v.

Solanumvirus altathermus, Roland 1952, 53.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Corium solani, Holmes 1939b, 120, q.v.,
type species of genus *Corium*, Holmes 1939b, 119.

Solanumvirus A-nominatum, Roland 1959, 129.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Solanumvirus anulosum, Kohler 1952b, 51.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor dubium var. *annulus*, Holmes 1939b, 44, q.v.
Annulus dubius var. *annulus*, (Holmes) Holmes 1948, 1215, q.v.

Solanumvirus aucubamarmor, Roland 1952, 53.
(Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor aucuba, Holmes 1939b, 49, q.v.

Solanumvirus aucubamarmor var. F, Roland 1952, 55.
(Var. Vir.) (Not Val. Pub.: Rules 12a2, 7)

Solanumvirus aucubamarmor var. G, Roland 1952, 55.
(Var. Vir.) (Not Val. Pub.: Rules 12a2, 7)

- Solanumvirus aucuboides*, Kohler 1952b, 51.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor aucuba, Holmes 1939b, 49, q.v.
- Solanumvirus coleopterotranslatum*, Roland 1952b, 53.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Acrogenus solani, Holmes 1939b, 111, q.v.
- Solanumvirus contactutranslatum*, Roland 1952, 53.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor dubium var. *annulus*, Holmes 1939b, 44, q.v.
Annulus dubius var. *annulus*, (Holmes) Holmes 1948,
 1215, q.v.
- Solanumvirus contactutranslatum* var. B, Roland 1952, 55.
 (Var. Vir.) (Not Val. Pub.: Rules 12a2, 7)
Marmor dubium var. *annulus*, Holmes 1939b, 44, q.v.
Annulus dubius var. *annulus*, (Holmes) Holmes 1948,
 1215, q.v.
- Solanumvirus cuscutotranslatum*, Roland 1952, 53.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Chlorogenus solani, Holmes 1939b, 7, q.v.
Chlorophthora solani, (Holmes) McKinney 1944a, 151,
 q.v., type species of genus *Chlorophthora*, McKinney
 1944a, 151.
- Solanumvirus deformans*, Kohler 1952a, 294.
 (Sp. Vir.) (Val. Pub.: Illeg., Rule 24a)
Marmor dubium, Holmes 1939b, 42, q.v.
Annulus dubius, (Holmes) Holmes 1948, 1214, q.v.
 Comment: Type species of genus *Solanum-virus*,
 Kohler 1952a, 294.
- Solanumvirus everriculosum*, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Chlorogenus solani, Holmes 1939b, 7, q.v.
Chlorophthora solani, (Holmes) McKinney 1944a, 151,
 q.v., type species of genus *Chlorophthora*, McKinney
 1944a, 151.
- Solanumvirus experimentotranslatum*, Roland 1952, 53.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor angliae, Holmes 1939b, 48, q.v.
- Solanumvirus flavomaculans*, Kohler 1952b, 51.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
- Solanumvirus fusifaciens*, Kohler 1952b, 51.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Acrogenus solani, Holmes 1939b, 111, q.v.
- Solanumvirus fusiformis*, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Acrogenus solani, Holmes 1939b, 111, q.v.
- Solanum virus inpermanens*, Roland 1952, 53.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a)
Marmor upsilon, Holmes 1948, 1172, q.v.
- Solanum virus inpersistens* var. C, Roland 1952, 55.
 (Var. Vir.) (Not Val. Pub.: Rule 12a2, 7)
- Solanum virus inpersistens* var. S, Roland 1952, 55.
 (Var. Vir.) (Not Val. Pub.: Rules 12a2, 7)
- Solanum virus librimatiferum*, (sic) Klinkowski 1958, 2.
Solanum virus librimortiferum, Roland 1952, 53, q.v.
- Solanum virus librimortiferum*, Roland 1952, 53.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Corium solani, Holmes 1939b, 120, q.v.,
 type species of genus *Corium*, Holmes 1939b, 119.
- Solanumvirus macrostelotranslatum*, Roland 1952, 53.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
- Solanumvirus maculans*, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Ginchorda nico-caulis, Hansen 1956, 127, q.v., type
 species of genus *Ginchorda*, Hansen 1956, 127.
- Solanumvirus mirum*, Kohler 1952b, 51.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor angliae, Holmes 1939b, 48, q.v.
- Solanumvirus nanescens*, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
- Solanum virus parvathermis*, Roland 1952, 53.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor solani, Holmes 1939b, 47, q.v.
- Solanumvirus perniciosum*, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Corium solani, Holmes 1939b, 120, q.v.,
 type species of genus *Corium*, Holmes 1939b, 119.
- Solanum virus psyllidotranslatum*, Roland 1952, 53.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
- Solanumvirus rigidiformans*, Kohler 1952b, 51.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Corium solani, Holmes 1939b, 120, q.v.,
 type species of genus *Corium*, Holmes 1939b, 119.
- Solanumvirus singulare*, Kohler 1952b, 51.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Ginchorda nico-caulis, Hansen 1956, 127, q.v.,
 type species of genus *Ginchorda*, Hansen 1956, 127.
- Solanumvirus varians*, Kohler 1952b, 51.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Corium solani, Holmes 1939b, 120, q.v.,
 type species of genus *Corium*, Holmes 1939b, 119.
- Solanumvirus vastans*, (Holmes) Kohler 1952b, 51.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor vastans, Holmes 1939b, 94, q.v.
Aureogenus vastans, (Holmes) Black 1944, 141, q.v.,
 type species of genus *Aureogenus*, Black 1944, 141.
- Solanumvirus X-nominatum*, Roland 1959, 129.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor upsilon, (Holmes) Holmes 1948, 1172, q.v.
Marmor dubium var. *annulus*, Holmes 1939b, 44, q.v.
Annulus dubius var. *annulus*, (Holmes) Holmes 1948,
 1215, q.v.
- Solanum virus ypsilonicum*, Kohler 1952b, 51.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a)
Marmor upsilon, (Holmes) Holmes 1948, 1172, q.v.
- SPERMATOPHYTOPHAGI**, Holmes 1939a, 434.
 (Class Vir.) (Val. Pub., Leg.)
Phytophagi, McKinney 1944a, 146.
Eucrystallinae, Ryzhkov 1952, 463, 465.
- TARAXACUMVIRUS**
- Taraxacumvirus flavesiens*, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor taraxaci, Klinkowski 1954, 702, q.v.
- THALLOVIRUS**, Thornberry 1941, 25.
 (Gen. Vir.) (Not Val. Pub.: Rules 12a2, 12c2, 13a)
- THRIPSOPHILACEAE**, Ryzhkov 1952, 466.
 (Fam. Vir.) (Val. Pub., Leg.)
 Type genus: *Thripsophilus*, Ryzhkov 1952, 466.
- THRIPSOPHILUS**, Ryzhkov 1952, 466.
 (Gen. Vir.) (Not Val. Pub.: Rule 13a)
Lethum, Holmes 1939b, 135, q.v.
 Type sp. (monotype): *Thripsophilus lycopersici*,
 Ryzhkov 1952, 466.
- Thripsophilus lycopersici*, Ryzhkov 1952, 466.
 (Sp. Vir.) (Not Val. Pub.: Rule 14a2)
Lethum australiense, Holmes 1939b, 136, q.v.
 Comment: Type species of genus *Thripsophilus*,
 Ryzhkov 1952, 466.
- THYVIRACEAE**, Hansen 1956, 128.
 (Fam. Vir.) (Val. Pub.: Illeg., Rule 3) collective
 genus.
 Comment: Includes *Methyvirus*, Hansen 1956, 129.

- TRACTUS**, Valleau 1940, 826.
 (Gen. Vir.) (Val. Pub., Leg.)
 Type sp. (monotype): *Tractus orae*, (Holmes) Valleau
 1940, 826.
- Tractus orae*, (Holmes) Valleau 1940, 826.
 (Sp. Vir.) (Val. Pub., Leg.)
Annulus orae, Holmes 1939, 103, q.v.
Nicotianavirus vulnerans, Roland 1959, 130.
 Comment: Type species of genus *Tractus*, Valleau
 1940, 826.
- TRIFOLIUMVIRUS**
- Trifoliumvirus clavifoliatum*, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Aureogenus clavifolium, Balck 1944, 141, q.v.
- Trifoliumvirus maculans*, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
- Trifoliumvirus nervicrassans*, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Aureogenus magnivena, Black 1944, 144, q.v.
- Trifoliumvirus nervimaculans*, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor trifolii, Holmes 1939b, 93, q.v.
- TRITICUMVIRUS**, Klinkowski and Kreutzberg 1958, 2.
 (Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
Graminevorus, Ryzhkov 1952, 466, q.v.
 Type sp. (monotype): *Triticumvirus retardans*,
 Klinkowski and Kreutzberg 1958, 2.
- Triticumvirus maculans*, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor tritici, Holmes 1939b, 61; McKinney 1944b,
 323, q.v.
- Triticumvirus retardans*, Klinkowski and Kreutzberg
 1958, 2.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Fractilinea tritici, McKinney 1944b, 327, q.v.
 Comment: Type species of genus *Triticumvirus*,
 Klinkowski and Kreutzberg 1958, 2.
- Tulipavirus vulgare*, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor tulipae, Holmes 1939b, 52, q.v.
- ULMUSVIRUS**
- Ulmusvirus librinecans*, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Morsus ulmi, Holmes 1948, 1154, q.v.
- VACCINIUMVIRUS**
- Vacciniumvirus nanescens*, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
- Vacciniumvirus sterilefaciens*, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Chlorogenus vaccinii, Holmes 1939b, 10, q.v.
- VACUOLARIUM**, Likhite 1929, 16.
 (Gen. Vir.) (Val. Pub., Illeg.: Rule 24d)
 non *Vacuolaria*, Cienkowsky 1870, 426.
Marmor, Holmes 1939a, 434.
Marmor, Holmes 1939b, 16.
Musivum, Valleau 1940, 822.
Phytovirus, Thornberry 1941, 23.
Virothrix, Ryzhkov 1952, 465 non Ryzhkov 1950, 16.
Crystallobiotus, Ryzhkov 1952, 472.
Phytovirus, Bawden 1953, 543.
Minchorda, Hansen 1956, 126.
Minivirus, Hansen 1956, 126.
 Type sp. (monotype): *Vacuolarium iwanowski*,
 Likhite 1929, 16.
 Comment: *Vacuolarium*, Likhite 1929, 16, is an
 orthographic variant of *Vacuolaria*, Cienkowsky 1870,
 426.
- Vacuolarium iwanowhki*, Likhite 1929, 16.
 (Sp. Vir.) (Val. Pub., Illeg.: Rule 24a)
Protobios mosaicus, d'Herelle 1924, 343, q.v.
 Type sp. of genus *Vacuolarium*, Likhite 1929, 16.
- VECTOMARMOR**, Limasset 1948, 293.
 (Gen. Vir.) (Not Val. Pub.: Rule 12a2)
Maphiflexus, Hansen 1956, 123, q.v.
 Type sp. (orig. des.): *Vactomarmor upsilon*,
 Limasset 1948, 293.
- Vectomarmor upsilon*, Limasset 1948, 293.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor upsilon, (Holmes) Holmes 1948, 1172, q.v.
 Comment: Type species of genus *Vectomarmor*,
 Limasset 1948, 273.
- VICIAVIRUS**, Quantz 1953, 421.
 (Gen. Vir.) (Val. Pub., Leg.)
 Type sp. (monotype): *Viciavirüs varians*, Quantz
 1953, 421.
- Viciavirüs chlorogenum*, Quantz and Volk in Quantz
 1958, 48.
 (Sp. Vir.) (Val. Pub., Leg.)
- Viciavirüs maculans*, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Viciavirüs varians, Quantz 1953, 446.
- Viciavirüs varians*, Quantz 1953, 446.
 (Sp. Vir.) (Val. Pub., Leg.)
Viciavirüs maculans, Roland 1959, 128.
- VIGNAVIRUS**
- Vignavirus maculans*, Roland 1959, 128.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
Marmor vignae, Holmes 1948, 1188, q.v.
- VIRALES**, Breed, Murray and Hitchens 1944, 421.
 (Order sch.)
- VIRALIA**, Zhdanov and Korenblut 1950, 42.
 (Class Vir.) (Not Val. Pub., Rules 12a2, 12e)
Microtobiotes, Philip 1957, 933.
- VIREAE**, Barkley 1949, 88.
 (Class Vir.) (Not Val. Pub.: Rule 12a2)
Microtobiotes, Philip.
- VIROCOCCACEAE**, Ryzhkov 1952, 465.
 (Fam. Vir.) (Val. Pub., Leg.)
 Type genus: *Virococcus*, Ryzhkov 1952, 465.
- VIROCOCCUS**, Ryzhkov 1952, 465.
 (Gen. Vir.) (Val. Pub., Illeg.: Rule 24a)
Murialba, Valleau 1940, 823, q.v.
 Type sp. (subs. des.): Barkley 1958, 129): *Virococcus cucurbitae*, Ryzhkov 1952, 465.
- Virococcus cucurbitae*, Ryzhkov 1952, 465; 1953, 160.
 (Sp. Vir.) (Not Val. Pub.: Rule 13d)
Marmor cucumeris, Holmes 1939b, 31, q.v.
Muralba cucumeris, (Holmes) Valleau 1940, 823, q.v.
 Type sp. of genus *Virococcus*, Ryzhkov 1952, 465.
- VITISVIRUS**
- Vitisvirus vastans*, Roland 1959, 130.
 (Sp. Vir.) (Not Val. Pub.: Rule 12a2)
- VULNUS**, Thomas and Rawlins 1951b, 185.
 (Gen. Vir.) (Val. Pub., Illeg.: Prin. 1 (2)).
 Type sp. (monotype): *Vulnus immedicable*, Thomas
 and Rawlins 1951b, 185.
 Comment: Authors have stated intent to ridicule
 nomenclature as currently applied to the viruses.
- Vulnus immedicable*, Thomas and Rawlins 1951b, 185.
 (Sp. Vir.) (Val. Pub., Illeg.: Prin. 1 (2)).
 Comment: Type species of genus *Vulnus*, Thomas and
 Rawlins 1951b, 185.
- XENOVIRACEAE**, Hansen 1956, 128.
 (Fam. Vir.) (Val. Pub., Illeg., Rule 3)
 Comment: Includes the genera *Mexevirus*, Hansen
 1956, 128 and *Daxevirus*, Hansen 1956, 128.

XENOVIRALES, Hansen 1956, 127.

(Ord. Vir.) (Val. Pub., Leg.)

Comment: Includes 6 families:

Acaviraceae, Hansen 1956, 130.

Aleviraceae, Hansen 1956, 129.

Cocviraceae, Hansen 1956, 129.

Hetviraceae, Hansen 1956, 130.

Thyviraceae, Hansen 1956, 128.

Xenoviraceae, Hansen 1956, 128.

ZEA VIRUS

Zeavirus maculans, Roland 1959, 129.

(Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Marmor zaeae, Holmes 1939b, 59, q.v.

Fractilinea zaeae, (Holmes) Holmes 1948, 1161, q.v.

Zeavirus variegans, Roland 1959, 129.

(Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Corium zaeae, Stoner 1952, 688, q.v.

Zeavirus verrucans, Roland 1959, 129.

(Sp. Vir.) (Not Val. Pub.: Rule 12a2)

Galla zaeae, McKinney 1944b, 328, q.v.

Zeavirus virgatum, Roland 1959, 129.

(Sp. Vir.) Not Val. Pub.: Rule 12a2)

Marmor maidis, Holmes 1939b, 56, q.v.

Fractilinea maidis, (Holmes) McKinney 1944a, 149,

q.v., type species of genus Fractilinea, McKinney

1944a, 148.

ACANTHACEAE	LILIACEAE
ACERACEAE	LINACEAE
AIZOACEAE	LOASCACEAE
ALISMACEAE	LOBELIACEAE
AMARANTHACEAE	LOGANIACEAE
AMARYLLIDACEAE	LYTHRACEAE
ANACARDIACEAE	MALVACEAE
APOCYNACEAE	MARANTACEAE
ARACEAE	MARTYNIAEAE
ARALIACEAE	MORACEAE
ASCLEPIADACEAE	MUSACEAE
BALSAMINACEAE	MYRICACEAE
BEGONIACEAE	MYRISTICACEAE
BERBERIDACEAE	MYRTACEAE
BIGNONIACEAE	NOLANACEAE
BIXACEAE	NYCTAGINACEAE
BOMBACACEAE	OLEACEAE
BORAGINACEAE	ONAGRACEAE
BROMELIACEAE	ORCHIDACEAE
CACTACEAE	OXALIDACEAE
CALYCANTHACEAE	PALMACEAE
CAMPANULACEAE	PAPAVERACEAE
CANNACEAE	PASSIFLORACEAE
CAPPARIDACEAE	PEDALIACEAE
CAPRIFOLIACEAE	PHYTOLACCACEAE
CARICACEAE	PINACEAE
CARYOPHYLLACEAE	PIPERACEAE
CELASTRACEAE	PITTOSPORACEAE
CHENOPodiACEAE	PLANTAGINACEAE
COCHLOSPERMACEAE	PLUMBAGINACEAE
COMMELINACEAE	POLEMONIACEAE
COMPOSITAE	POLYGONACEAE
CONVOLVULACEAE	POLYPODIACEAE
CRASSULACEAE	PONTEDERIACEAE
CRUCIFERAЕ	PORTULACACEAE
CUCURBITACEAE	PRIMULACEAE
CYPERACEAE	PUNICACEAE
DIOSCOREACEAE	RANUNCULACEAE
DIPSACEAE	RESEDACEAE
EQUISETACEAE	RHAMNACEAE
ERICACEAE	ROSACEAE
EUPHORBIACEAE	RUBIACEAE
FRANKENIACEAE	RUTACEAE
FUMARIACEAE	SALICACEAE
GERANIACEAE	SANTALACEAE
GESNERIACEAE	SAPINDACEAE
GOODENIACEAE	SAPOTACEAE
GRAMINEAE	SAURURACEAE
HIPPOCASTANACEAE	SAXIFRAGACEAE
HYDROPHYLLOACEAE	SCROPHULARIACEAE
HYPERICACEAE	SCYTOPETALACEAE
IRIDACEAE	SOLANACEAE
JUGLANDACEAE	STERCULIACEAE
LABIATAE	THEACEAE
LAURACEAE	THYMELEACEAE
LEGUMINOSAE	TIKIACEAE

TROPAEOLACEAE
TYPHACEAE
ULMACEAE
UMBELLIFERAE
URTICACEAE
VALERIANACEAE
VERBENACEAE
VIOLACEAE
VITACEAE
ZINGIBERACEAE
ZYGOHYLLACEAE

- Abelmoschus Medic. 1787
 Abroma Jacq. 1776
 Abutilon Tourn. ex Adans. 1763
Acacia ((Tourn.)) L. 1737
Acalypha L. 1737
Acanthospermum Schrank 1819
Acer ((Tourn.)) L. 1735
Achillea L. 1735
Achyranthes L. 1737
Adansonia L. 1753
Adenia Forsk. 1775
Adenoropium Pohl. 1827
Adiantum ((Tourn.)) L. 1753
Adlumia Rafin. 1808
Adonis Dill. ex L. 1735
Aegilops L. 1737
Aegle Correa 1800
Aeglopsis Swingle 1911
Aegopodium Knaut. ex L. 1735
Aeschynomene L. 1737
Aesculus L. 1740
Afraegele Stapf 1906
Agapanthus L'Herit. 1788
Ageratum L. 1737
Agropyron J. Gaert. 1770
Agrostis L. 1735
Aizoon L. 1737
Ajuga L. 1737
Aleurites Forst. 1776
Allium ((Tourn.)) L. 1735
Aloe Tourn. ex L. 1735
Alonsoa Ruiz & Pav. 1798
Alopecurus L. 1735
Alsine Scop. 1772
Alstonia R. Br. 1809
Alternanthera Forsk. 1775
Althaea ((Tourn.)) L. 1735
Alyssum Tourn. ex L. 1735
Amaranthus L. 1735
Amaryllis L. 1735
Ambrosia L. 1737
Amelanchier Medic. 1789
Ammannia ((Houst.)) L. 1737
Ammobium R. Br. 1824
Amsinckia Lehm. 1831
Amygdalus (See *Prunus*) ((Tourn.)) L. 1735
Anagallis ((Tourn.)) L. 1735
Ananas Tourn. ex L. 1735
Anchusa L. 1735
Androcera Nutt. 1818
Andropogon L. 1753
Anemone L. 1735
Anemopsis Hook. & Arn. *
Anethum Tourn. ex L. 1737
Anagraecum Bory 1804
Anthemis Mich. ex L. 1735
Anthoxanthum L. 1737
Anthriscus Bernh. 1800
Anthurium Schott 1829
Antirrhinum Tourn. ex L. 1735
Apeiba Aubl. 1775
Apios Moench 1794
Apium ((Tourn.)) L. 1735
Apocynum ((Tourn.)) L. 1735
Aquilegia ((Tourn.)) L. 1735
Arabis L. 1737
Arachis L. 1735
Aranda *
Arctium L. 1735
Arctotis L. 1737
Arenaria Rupp. ex L. 1735
Aristida L. 1753
Armeria L. 1735
Armoracia Gaertn. Mey. & Scherb. 1800
Arracacia Bancroft. 1826
(Arracacha) DC. 1829
Arrhenatherum Beauv. 1812
Artemesia L. 1735
Artocarpus Forst. 1776
Arum ((Tourn.)) L. 1735
Asclepias L. 1737
Asparagus Tourn. ex L. 1735
Asperula L. 1735
Asphodeline Reichb. 1830
Aster Tourn. ex L. 1735
Astragalus Tourn. ex L. 1737
Atalantia Correa 1805
Atriplex ((Tourn.)) L. 1735
Atropa L. 1737
Avena L. 1735
Babiana Ker-Gawl. 1802
Baccharis L. 1737
Baeria Fisch. & Mey. 1835
Baphia Afzel. ex Lodd. 1825
Baptisia Vent. 1808
Barbarea R. Br. 1812
Bassia All. 1766
Beckmannia Host 1805
Begonia ((Tourn.)) L. 1742
Belamcanda Adans. 1763
Bellis ((Tourn.)) L. 1737
Benincasa Savi 1818
Berberis ((Tourn.)) L. 1737
Berrya DC. 1824
Berteroa DC. 1821
Beta ((Tourn.)) L. 1735
Bidens ((Tourn.)) L. 1737
Bignonia ((Tourn.)) L. 1735
Bixa L. 1737
Boehmeria Jacq. 1760
Boltonia L'Herit. 1788
Bombax L. 1753

- Borago L. 1753
 Bouteloua Lag. 1805
 Brachiaria Griseb. 1853
 Brachycombe *
 (Brachycome) Cass. 1825
 Brachystegia Benth. 1865
 Brassica ((Tourn.)) L. 1735
 Brassocattleya X, Rolfe 1889
 Brickellia Ell. 1824
 Brodiaea Sm. 1811
 Bromus Dill. ex L. 1735
 Browallia L. 1737
 Bryonia L. 1735
 Bryonopsis Arn. 1841
Bryophyllum (See *Kalanchoe*) Salisb. 1805
 Buchloe Engelm. 1859
 Buddleia Houst. ex L. 1737
 Buettneria Loefl. 1758
 (Byttneria) Loefl. 1758
 Bursa (See *Capsella*) Weber 1780
 Caesalpinia L. 1753
 Cajanus DC. 1813
 Calandrinia H. B. & K. 1823
 Calceolaria L. 1771
 Calendula L. 1735
 Callistephus Cass. 1825
 Calochortus Pursh 1814
 Calonyction Choisy 1833
 Calycanthus L. 1759
 Calystegia R. Br. 1810
 Camassia Lindl. 1832
 Camelina Crantz 1762
 Camellia L. 1735
 Campanula ((Tourn.)) L. 1735
 Canavalia DC. 1825
 Canna L. 1735
 Canthium Lam. 1783
 Capsella Medic. 1792
 Capsicum ((Tourn.)) L. 1735
 Cardamine ((Tourn.)) L. 1735
 Cardiospermum L. 1735
 Carduus ((Tourn.)) L. 1735
 Carica L. 1737
 Carthamus ((Tourn.)) L. 1735
 Carum Rupp. ex L. 1735
 Caryta Nutt. 1818
 Casimiroa La Llave 1825
 Cassia Tourn. ex L. 1735
 Catananche L. 1735
 Catharanthus G. Don 1836
 Cattleya Lindl. 1824
 Ceanothus L. 1741
 Ceiba Gaertn. 1791
 Celeri Adans. 1763
 Celosia L. 1737
 Centaurea L. 1737
 Cerastium ((Dill.)) L. 1735
 Chaerefolium Haller 1768
 (Chaetochloa) Scribn. 1897
 Chamaesyce S.F. Gray 1821
 Chapmannia Torr. & Gray 1839
 Charieis Cass. 1817
 Chayota Jacq. 1780
 Cheiranthus L. 1737
 Chelidonium Tourn. ex L. 1735
 Chelone L. 1735
 Chenopodium ((Tourn.)) L. 1735
 Chloris Sw. 1788
 Chorisia H. B. & K. 1821
 Christiana DC. 1824
 Chrysanthemum ((Tourn.)) L. 1735
 Chrysopsis Ell. 1824
 Cicer ((Tourn.)) L. 1735
 Cichorium ((Tourn.)) L. 1735
 Cineraria L. p.p. 1763
 Circaea Tourn. ex L. 1735
 Cirsium ((Tourn.)) Adans. 1763
 Cistanthera K. Schum. 1897
 Citropsis Swingle & Kellerman 1913
 Citrullus Forsk. 1775
 Citrus L. 1735
 Clappertonia Meissn. 1837
 Clarkia Pursh 1814
 Clausena Burm. f. 1768
 Claytonia Gronov. ex L. 1737
 Cleome L. 1735
 Clerodendron L. 1737
 Clitoria L. 1737
 Cobaea Cav. 1791
 Cochlearia Tourn. ex L. 1735
 Cochlospermum Kunth 1822
 Cocos L. 1753
 Codiaeum Rumph. ex A. Juss. 1824
 Coffea L. 1735
 Coix L. 1737
 Cola Schott & Endl. 1832
 Colchicum L. 1735
 Coleus Lour. 1790
 Collinsia Nutt. 1817
 Colocynthis ((Tourn.)) L. 1735
 Commelina Plum. ex L. 1735
 Conium L. 1735
 Conringia Heist. ex L. 1735
 Convallaria L. 1735
 Convolvulus ((Tourn.)) L. 1735
 Cooperia Herb. 1836
 Coprosma Forst. 1776
 Corchorus ((Tourn.)) L. 1735
 Coreopsis L. 1737
 Coriandrum ((Tourn.)) L. 1735
 Cortaderia Stapf 1897
 Corydalis Vent. Choix, 19 1803, in nota

- Cosmidium Nutt. 1841
 Cosmos Cav. 1791
 Cotoneaster Rupp. 1745
Cotula ((Tourn.)) L. 1735
Crambe Tourn. ex L. 1735
Crassina Scepin 1758
Crocus ((Tourn.)) L. 1735
Crotalaria Dill. ex L. 1737
Cryptostemma R. Br. 1813
Cucumis ((Tourn.)) L. 1735
Cucurbita ((Tourn.)) L. 1735
Cuscuta ((Tourn.)) L. 1735
Cyamopsis DC. 1825
Cyclamen ((Tourn.)) L. 1735
Cyclanthera Schrad. 1831
Cyclocloma Moq. 1840
Cydonia Tourn. ex Mill. 1752
Cymbalaria Medic. 1791
Cymbidium Sw. 1799
Cymbopogon Spreng. 1815
Cynara Vaill. ex L. 1737
Cynodon Rich. 1805
Cynoglossum ((Tourn.)) L. 1735
Cynosurus L. 1737
Cyperus ((Mich.)) L. 1735
Cypandomandra Mart. ex Sendtn. 1845
Cypripedium L. 1735
Cytisus L. 1735
Dactylis L. 1742
Dactyloctenium Willd. 1809
Dahlia Cav. 1791
Dalbergia L. f. 1781
Daphne Tourn. ex L. 1735
Datura L. 1735
Daucus ((Tourn.)) L. 1735
Delphinium Tourn. ex L. 1735
Dendrobium Sw. 1799
Dendropogon Rafin. 1825
Deschampsia Beauv. 1812
Desmodium Desv. 1813
Desplatzia Bocquill. 1866-67
Dianthus L. 1735
Dichrostachys Wight & Arn. 1834
Didiscus DC. 1828
Digitalis ((Tourn.)) L. 1735
Digitaria Heist. ex Adans. 1763
Dimorphotheca Vaill. ex L. 1735
Dioscorea Plum ex L. 1737
Diplacus Nutt. 1838
Dipteraxis DC. 1821
Dipsacus L. 1735
Dithyrea Harv. 1845
Dodonaea L. 1737
Dolichos L. 1737
Dombeya Cav. 1787
Doronicum Tourn. ex L. 1735
Dracaena Vand. 1762
Duchesnea Smith 1811
Ecballium A. Rich. 1824
Echinacea Moench 1794
Echinochloa Beauv. 1812
Echinocystis Torr. & Gray 1840
Echinops L. 1737
Echium Tourn. ex L. 1737
Eclipta L. 1771
Elaeis Jacq. 1763
Elaeophorbia Stapf 1906
Elettaria Maton 1811
Eleusine Gaertn. 1788
Elymus L. 1748
Emilia Cass. 1817
Emmenanthe Benth. 1835
Ensete Bruce 1862
Epidendrum L. 1737
Epilobium Dill. ex L. 1735
Equisetum ((Tourn.)) L. 1753
Eragrostis Host 1809
Eremocarpus Benth. 1844
Erigeron L. 1737
Eriobotrya Lindl. 1822
Eriochloa H. B. & K. 1815
Eriogonum Michx. 1803
Erodium L'Herit. 1787
Eryngium ((Tourn.)) L. 1735
Erysimum ((Tourn.)) L. 1735
Erythronium L. 1735
Erythropsis Endl. *
Escallonia Mutis, ex L. f. 1781
Eschscholtzia Cham. 1820
(Eschscholzia) Cham. 1820
Euchlaena Schrad. 1832
Eucomis L'Herit. 1788
Eugenia Mich. ex L. 1735
Euonymus L. 1737
Eupatorium ((Tourn.)) L. 1735
Euphorbia L. 1737
Evodia Forst. 1776
Fagopyrum Tourn. ex Hall. 1742
Feijoa Berg 1858
Ferula Tourn. ex L. 1737
Festuca ((Tourn.)) L. 1735
Ficus Tourn. ex L. 1735
Foeniculum Tourn. ex L. 1735
Forsythia Vahl 1805
Fortunella Swingle 1915
Fragaria ((Tourn.)) L. 1735
Frankenia L. 1737
Franseria Cav. 1793
Fraxinus Tourn. ex L. 1735
Freesia Klatt 1865-66
Fritillaria ((Tourn.)) L. 1735
Fuchsia ((Plum.)) L. 1735

- Fumaria Tourn. ex L. 1735
 Funtumia Stapf 1901
 Gaillardia Fouger. 1788
 Galeopsis L. 1735
 Galinsoga Ruiz & Pav. 1794
 Galium L. 1737
 Galtonia Decne. 1880
 Gamolepis Less. 1832
 Gastridium Beauv. 1812
 Gaura L. 1751
 Gazania Gaertn. 1791
 Geranium ((Tourn.)) L. 1735
 Gerardia L. 1737
 Gerbera Bronov. 1737
 Gesneria L. 1737
 Geum L. 1735
 Gilia Ruiz & Pav. 1794
 Gladiolus ((Tourn.)) L. 1735
 Gleditsia L. 1742
 Gloriosa L. 1735
 Gloxinia L'Herit. 1785
 Glycine L. 1737
 Glyphaea Hook. f. 1848
 Gnaphalium L. 1737
 Godetia Spach 1835
 Gomphrena L. 1737
 Gossypium L. 1735
 Grewia L. 1735
 Grindelia Willd. 1807
 Guazuma Plum. ex Adans. 1763
 Gutierrezia Lag. 1816
 Gycosmis Correa 1805
 Gynerium Humb. & Bonpl. 1809
 Gypsophila L. 1751
 Haplopappus Endl. 1838
 Harpullia Roxb. 1814
 Haworthia Duval 1809
 Haynaldia Kanitz 1877
 Hedeoma Pers. 1807
 Hedera Tourn. ex L. 1737
 Hedychium Koen. 1783
 Hedysarum ((Tourn.)) L. 1735
 Helenium L. 1753
 Helianthus L. 1735
 Helichrysum Vaill. ex L. 1737
 Heliocarpus L. 1740
 Heliophila Burm f. ex L. 1763
 Heliopsis Pers. 1807
 Heliotropium ((Tourn.)) L. 1735
 Helipteron DC. 1837
 Hemerocallis L. 1735
 Hemizonia DC. 1836
 Heracleum L. 1735
 Hermannia L. 1735
 Herrania Goudot 1844
 Hesperis L. 1735
 Hevea Aubl. 1775
 Hibiscus L. 1737
 Hicoria (See Carya) Rafin. 1838
 Hieracium ((Tourn.)) L. 1735
 Hildegardia Schott & Endl. 1832
 Hippeastrum (See Amaryllis) Herb. 1821
 Holcus L. 1735
 Holodiscus Maxim. 1879
 Hordeum ((Tourn.)) L. 1735
 Hosta Tratt. 1812
 Hoya R. Br. 1809
 Humulus L. 1735
 Hunnemannia Sweet 1828
 Hyacinthus ((Tourn.)) L. 1735
 Hydrangea Gronov. ex L. 1737
 Hymenocallis Salisb. 1812
 Hyoscyamus ((Tourn.)) L. 1735
 Hypericum Tourn. ex L. 1737
 Hypochoeris L. 1737
 Hypoxis L. 1759
 Iberis Dill. ex L. 1735
 Ilysanthes Rafin. 1820
 Impatiens Riv. ex L. 1735
 Incarvillea Juss. 1789
 Indigofera L. 1737
 Iodanthus Torr. & Gray 1838
 Ionoxalis Small 1903
 Ipomoea L. 1735
 Iris Tourn. ex L. 1735
 Isatis Tourn. ex L. 1735
 Ischaemum L. 1742
 Isomeris Nutt. ex Torr. & Gray 1838
 Isotoma Lindl. 1826
 Ixia L. 1737
 Jatropha L. 1735
 Juglans L. 1737
 Jussiaea L. 1747
 Kalanchoe Adans. 1763
 Kerria DC. 1817
 Kickxia Blume 1828
 Kleinhowia L. 1763
 Kniphofia Moench 1794
 Kochia Roth 1801
 Koeleria Pers. 1805
 Laburnum L. 1735
 Lactuca ((Tourn.)) L. 1735
 Laelia Lindl. 1831
 Laeliocattleya X, Rolfe 1887
 Lagenaria Ser. 1825
 Lamium ((Tourn.)) L. 1735
 Lantana L. 1737
 Lapsana L. 1737
 Lathyrus ((Tourn.)) L. 1735
 Launaea Endl. 1841
 Lavandula Tourn. ex L. 1740
 Lavatera L. 1737

- Layia Hook. & Arn. 1833
 Lens ((Tourn.)) L. 1735
 Leonotis R. Br. in Ait. 1811
 Leonurus L. 1735
 Lepidium L. 1735
Lepidospartum A. Gray 1883
Leptochloa Beauv. 1812
Leptonychia Turcz. 1858
Leptosyne DC. 1836
Lespedeza Michx. 1803
Lessingia Cham. 1829
Liatris Schreb. 1791
Ligularia Cass. 1816
Ligusticum L. 1737
Ligustrum ((Tourn.)) L. 1735
Lilium Tourn. ex L. 1737
Limonium Tourn. ex Mill. 1752
Linaria Tourn. ex Mill. 1752
Linum Tourn. ex L. 1735
Lobelia Plum. ex L. 1737
Lobularia Desv. 1814
Lolium L. 1735
Lonicera L. 1737
Lotononis Eckl. & Zeyh. 1836
Lotus ((Tourn.)) L. 1735
Luffa ((Tourn.)) L. 1735
Lunaria Tourn. ex L. 1735
Lupinus ((Tourn.)) L. 1735
Lychnis ((Tourn.)) L. 1735
Lycium L. 1735
Lycopersicon Tourn. ex Rupp. 1745
(Lycopersicum) Hill. 1765
Lycopsis L. 1735
Lycopus Tourn. ex L. 1735
Lythrum L. 1735
Madia Molina 1782
Majorana ((Tourn.)) Rupp. 1745
Malachra L. 1767
Malcomia ((R. Br. in)) Ait. Hort. Kew. 1812
(Malcolmia) Spreng. 1818
Malope L. 1735
Malus Tourn. ex L. 1737
Malva ((Tourn.)) L. 1735
Malvastrum A. Gray 1849
Manihot Tourn. ex Adans. 1763
Mansonia J.R. Drumm. 1905
Maranta Plum. ex L. 1737
Marrubium Tourn. ex L. 1735
Martynia Houst. ex L. 1735
Matricaria ((Tourn.)) L. 1735
Matthiola R. Br. 1812
Medeola Gronov. ex L. 1735
Medicago Tourn. ex L. 1737
Melandryum Reichb. 1837
Melilotus Tourn. ex Hall. 1742
Melissa Tourn. ex L. 1737
Melochia Dill. ex L. 1735
Melothria L. 1737
Mentha ((Tourn.)) L. 1735
Mentzelia Plum. ex L. 1737
Merremia Dennst. 1818
Mertensia Roth 1797
Mesembryanthemum Dill. ex L. 1735
Micramphelis (See *Echinocystis*) Rafin. 1808
Microseris D. Don 1832
Millettia Wight & Arn. 1834
Mimulus L. 1741
Mirabilis Riv. ex L. 1735
Misanthus Anderss. 1855
Modiola Moench 1794
Mollugo L. 1737
Momordica ((Tourn.)) L. 1735
Monolepis Schrad. 1830
Moraea Mill. ex L. 1762
Mucuna Adans. 1763
Muhlenbergia Schreb. 1789
Murraya Koen. ex L. 1771
Musa L. 1736
Muscari Tourn. ex Mill. 1752
Myosotis ((Tourn.)) Dill. ex L. 1735
Myrica L. 1735
Narcissus ((Tourn.)) L. 1735
Nasturtium L. 1735
Nemesia Vent. 1803
Nemophila Nutt. ex Barton 1882
Neomarica Sprague 1928
Nepeta Riv. ex L. 1737
Nerium L. 1735
Neslia Desv. 1814
Nesogordonia Baill. 1886
Nicandra Adans. 1763
Nicotiana L. 1735
Nierembergia Ruiz & Pav. 1794
Nigella ((Tourn.)) L. 1735
Nitrophila S. Wats. 1871
Nolana L. 1762
Nothopanax Miq., Seem. 1866
Ochroma Sw. 1788
Ocimum L. 1737
Octolobus Welw. 1869
Odontoglossum H. B. & K. 1815
Oenanthe ((Tourn.)) L. 1735
Oenothera L. 1735
Omphalocarpum Beauv. 1805
Oncidium Sw. 1800
Onobrychis L. 1735
Ophiopogon Ker-Gawl. 1807
Orchis ((Tourn.)) L. 1735
Ornithogalum ((Tourn.)) L. 1735
Oryza L. 1735
Oryzopsis Michx. 1803
Oxalis L. 1737

- Pachira Aubl. 1775
 Pachyrhizus Rich. ex DC. 1825
Paeonia ((Tourn.)) L. 1735
Pamburus Swingle 1916
Pancratium Dill. ex L. 1735
Panicum L. 1735
Papaver Tourn. ex L. 1735
Parthenium L. 1735
Parthenocissus Planch. in DC. 1887
Paspalum L. 1759
Passiflora L. 1735
Pastinaca L. 1737
Pectocarya DC. ex Meissn. 1840
Pedilanthus Neck. 1790
Pelargonium L'Herit. 1787
Pennisetum Rich. 1805
Penstemon Mitch. 1748
(Pentstemon) Mitch. 1748
Peperomia Ruiz & Pav. 1794
Pepo (See *Cucurbita*) ((Tourn.)) L. 1735
Persea Plum. ex L. 1737
Persicaria ((Tourn.)) L. 1735
Petroselinum Hoffm. 1814
Petunia Juss. 1803
Phacelia Juss. 1789
Phalaris L. 1735
Pharbitis Choisy 1833
Phaseolus ((Tourn.)) L. 1735
Phenax Wedd. 1854
Philadelphus ((Riv.)) L. 1735
Philodendron Schott 1829
Phleum L. 1735
Phlox L. 1737
Phormium Forst. 1776
Photinia Lindl. 1821
Phyllanthus L. 1737
Phyllostachys Sieb. & Zucc. 1843
Physalis L. 1735
Physostegia Benth. 1829
Phytolacca Tourn. ex L. 1735
Piaropus Rafin. 1836
Picris L. 1735
Pimpinella ((Riv.)) L. 1735
Pisum ((Tourn.)) L. 1735
Pittosporum Banks, ex Gaertn. 1788
Plantago Tourn. L. 1735
Platycodon A. DC. 1830
Pluchea Cass. 1817
Poa L. 1737
Polanisia Rafin. 1818
Polemonium ((Tourn.)) L. 1735
Polyanthus Auct. ex Benth. & Hook. 1883
Polygonatum ((Tourn.)) Adans. 1763
Polygonum ((Tourn.)) L. 1735
Polypodium ((Tourn.)) L. 1753
Polypogon Desf. 1798
Pontederia L. 1735
Populus L. 1735
Portulaca L. 1735
Potentilla L. 1735
Primula L. 1735
Proboscidea Schmid. 1747
Prunella L. 1753
Prunus ((Tourn.)) L. 1735
Pseudotsuga Carr. 1867
Psidium L. 1737
Psophocarpus Neck. 1790
Psoralea L. 1742
Ptelea L. 1735
Pterygota Schott & Endl. 1832
Pueraria DC. 1825
Punica ((Tourn.)) L. 1735
Pycnanthus Warb. 1895
Pyracantha M. Roem. 1847
Pyrethrum Hall. 1742
Pyrus ((Tourn.)) L. 1735
Quamoclit Tourn. ex Moench 1794
Radicula Dill. ex Moench 1794
Ranunculus ((Tourn.)) L. 1735
Raphanus ((Tourn.)) L. 1735
Reseda Tourn. ex L. 1735
Rhagodia R. Br. 1810
Rheum L. 1735
Rhoeo Hance 1853
Rhus ((Tourn.)) L. 1737
Rhynchosia Lour. 1790
(Rhynchosia) MacFad. 1837
Ribes L. 1737
Ricinodendron Muell. 1864-1865
Ricinus ((Tourn.)) L. 1735
Rivinia Plum. ex L. 1735
Robinia L. 1737
Rorippa Scop. 1760
(Roripa) Scop. 1760
Rosa Tourn. ex L. 1735
Rosmarinus ((Tourn.)) L. 1735
Rottbeollia L. f. 1779
Rubus ((Tourn.)) L. 1735
Rudbeckia L. 1735
Ruellia .Plum. ex L. 1735
Rumex L. 1735
Ruta ((Tourn.)) L. 1735
Saccharum L. 1737
Sagittaria Rupp. ex L. 1735
Saintpaulia H. Wendl. 1893
Salix ((Tourn.)) L. 1735
Salpiglossis Ruiz & Pav. 1794
Salsola L. 1735
Salvia ((Tourn.)) L. 1735
Sambucus Tourn. ex L. 1735
Samolus ((Tourn.)) L. 1735
Sanguisorba Rupp. ex L. 1735

- Sanicula ((Tourn.)) L. 1735
 Sansevieria Thunb. 1794
 Santalum L. 1742
 Sanvitalia Gault. in Lam. 1792
 Saponaria L. 1735
 Saracha Ruiz & Pav. 1794
 Satureia L. 1737
 Scabiosa ((Tourn.)) L. 1735
 Scaevola L. 1771
 Scaphopetalum Mast. 1869
 Schizanthus Ruiz & Pav. 1794
 Scilla L. 1735
 Scoparia L. 1748
 Scorzonera ((Tourn.)) L. 1735
 Scrophularia Tourn. ex L. 1735
 Scytopetalum Pierre 1897
 Secale ((Tourn.)) L. 1735
 Sechium P. Br. 1756
 Sedum Tourn. ex L. 1735
 Senecio ((Tourn.)) L. 1735
 Sesamum L. 1737
 Sesbania Scop. 1777
 Setaria Beauv. 1807
 Severinia Tenore 1840
 Sicana Naud. 1862
 Sicyos L. 1735
 Sida L. 1735
 Silene L. 1735
 Silybum Vaill. ex Adans. 1763
 Sinapis (See Brassica) L. 1735
 Sinnningia Nees 1825
 Sisymbrium ((Tourn.)) L. 1735
 Sitanion Rafin. 1819
 Smilacina Desf. 1807
 Smilax ((Tourn.)) L. 1735
 Soja (See Glycine) Moench 1794
 (Soya) Benth. 1838
 Solanum ((Tourn.)) L. 1735
 Solidago ((Vail.)) L. 1735
 Sonchus ((Tourn.)) L. 1735
 Sorbus ((Tourn.)) L. 1735
 Sorghastrum Nash 1901
 Sorghum L. 1735
 Sparaxis Ker-Gawl. 1804
 Spathoglottis Blume 1825
 Spergula L. 1735
 Spinacia ((Tourn.)) L. 1735
 Sprekelia Heist. 1748
 Stachys ((Tourn.)) L. 1735
 Stachytarpheta Vahl 1805
 Stanleya Nutt. 1818
 Statice Tourn. ex L. 1735
 Stellaria L. 1753
 Stenotaphrum Trin. 1820
 Sterculia L. 1747
 Stipa L. 1753
 Stizolobium (See Mucuna) P. Br. 1756
 Stokesia L'Herit. 1788
 Streptanthera Sweet 1827
 Streptosolen Miers 1850
 Strychnos L. 1735
 Stylosanthes Sw. 1788
 Suaeda Forsk. 1775
 Swainsona Salisb. 1805
 Swinglea Merrill 1927
 Symphoricarpos Dill. ex Juss. 1789
 Symplocarpus Salisb. ex Nutt. 1818
 Synedrella Gaertn. 1791
 Syntherisma Walt. 1788
 Syringa L. 1735
 Tabebuia Gomez 1803
 Tacsonia Juss. 1789
 Tagetes L. 1737
 Talinum Adans. 1763
 Tanacetum Tourn. ex L. 1735
 Taraxacum L. 1735
 Tarrietia Blume 1825
 Tephrosia Pers. 1807
 Tetragonia L. 1735
 Thea L. 1735
 Thelesperma Less. 1831
 Thelypodium Endl. 1839
 Theobroma L. 1737
 Thespesia Soland. ex Correa 1807
 Thlaspi ((Tourn.)) L. 1737
 Thunbergia Retz. 1776
 Tigridia Juss. 1789
 Tilia ((Tourn.)) L. 1735
 Tillandsia L. 1735
 Tithonia Desf. ex Juss. 1789
 Torenia L. 1751
 Trachelium Tourn. ex L. 1735
 Trachymene Rudge 1811
 Tradescantia Rupp. ex L. 1735
 Tragopogon ((Tourn.)) L. 1735
 Trema Lour. 1790
 Trianthema L. 1753
 Tribulus Tourn. ex L. 1735
 Tricholaena Schrad. 1824
 Trichosanthes L. 1737
 Tricyrtis Wall. 1826
 Trifolium ((Tourn.)) L. 1735
 Trigonella L. 1737
 Trillium L. 1753
 Triphasia Lour. 1790
 Triplochiton K. Schum. *
 Tripsacum L. 1759
 Triticum L. 1735
 Tritonia Ker-Gawl. 1802
 Triumfetta Plum, ex L. 1737
 Tropaeolum L. 1737
 Tulipa L. 1735

Tunica Hall. 1742
Tussilago ((Tourn.)) L. 1735
Typha L. 1735
Ulmus ((Tourn.)) L. 1735
Urena Dill. ex L. 1735
Urochloa Beauv. 1812
Urtica ((Tourn.)) L. 1735
Uvularia L. 1737
Vaccinium L. 1735
Valeriana Tourn. ex L. 1735
Valerianella Tourn. ex Hall. 1742
Valerianoides Medic. 1789
Vallota Herb. 1821
Vanda Jones 1795
Venidium Less. 1831
Verbascum Tourn. ex L. 1737
Verbena L. 1737
Verbesina L. 1735
Vernonia Schreb. 1791
Veronica ((Tourn.)) L. 1735
Vicia Tourn. ex L. 1735
Vigna Savi 1826 ?
Vinca L. 1735
Viola Tourn. ex L. 1735
Vitis ((Tourn.)) L. 1735
Waltheria L. 1737
Watsonia Mill. 1759
Wistaria Nutt. 1818
(Wisteria) Nutt. 1818
Withania Pauq. 1824
Xanthium ((Tourn.)) L. 1735
Xanthosoma Schott 1832
Xanthoxalis Small 1903
Xeranthemum Tourn. ex L. 1735
Yucca Dill. ex L. 1737
Zaluzianskya F.W. Schmidt 1793
Zantedeschia Spreng. 1826
Zea L. 1737
Zebrina Schnizl. 1849
Zephyranthes Herb. 1821
Zinnia L. 1759
Zizyphus Tourn. ex L. 1735
Zygadenus Michx. 1803
Zygocactus K. Schum. *
Zygopetalum Hook. 1827



