Bibliography of the Geology of the Western Phosphate Field

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BIBLIOGRAPHY OF THE GEOLOGY OF THE WESTERN PHOSPHATE FIELD

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INTRODUCTION

The bibliography of the geology of the western phosphate field was compiled for the use of geologists of the Geological Survey engaged in extensive and diverse geological studies in many parts of the region. It is now published as an aid to others who are interested in the phosphate deposits or in other aspects of the geology of the region.

The entries are classified and liberally cross-indexed under the headings listed in the table of contents. The section on areal geology includes only the publications that describe the geology of the area containing the Phosphoria formation of Permian age or its partial stratigraphic equivalents, the Park City and Embar formations. The sections on stratigraphy, on regional structure, and on other mineral deposits and fuels contain references to publications describing those aspects of areas within the western phosphate field as a whole—publications that will be of interest, for example, to one mapping the geology of a region in which he has had little previous experience, or attempting to work out its stratigraphy, structure, or physiography. A section on mineralogy and chemical composition of phosphorites in other regions has been included.

Entries in which the Phosphoria, Park City, or Embar formations are mentioned by name are marked by an asterisk. The date shown at the beginning of an entry is that of the first published use of the title, whether used for an abstract or the complete paper.

An attempt has been made to include all papers published prior to September 1952 dealing specifically with the western phosphate deposits and the Phosphoria formation with its immediate stratigraphic equivalents. Coverage of the general geology of the field is incomplete, although it is believed that most published papers are listed. Encyclopedias and text books with only casual mention of the phosphate deposits have not been listed.

Special thanks are due the libraries of the University of California at Berkeley, the University of Idaho at Moscow, the University of Washington at Seattle, Washington State College at Pullman, and the Spokane Public Library for use of their facilities and their help. Many other libraries throughout the country have lent material.

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