

11.0 LITERATURE CITED

- American Red Cross. 1979. Standard First Aid and Personal Safety. American National Red Cross. 269 pp.
- Bain, M.B., J.T. Finn, and H.E. Booke. 1985. Quantifying stream substrate for habitat analysis studies. *North American Journal of Fisheries Management* 5:499-500.
- Barbour, M.T., J. Gerritsen, B.D. Snyder, and J.B. Stribling. 1999. Rapid Bioassessment Protocols for Use in Streams and Wadeable Rivers: Periphyton, Benthic Macroinvertebrates, and Fish. Second Edition. EPA/841-B-99-002. U.S. Environmental Protection Agency, Office of Water, Assessment and Watershed Protection Division, Washington, D.C.
- Barbour, M.T., J. Gerritsen, G.E. Griffith, R. Frydenborg, E. McCarron, J.S. White, and M.L. Bastian. 1996. A framework for biological criteria for Florida streams using benthic macroinvertebrates. *Journal of the North American Benthological Society* 15(2):185-211.
- Barbour, M.T., J.B. Stribling, and J.R. Karr. 1995. The multimetric approach for establishing biocriteria and measuring biological condition. pp. 69-80 IN: W.S. Davis and T.P. Simon (eds.) *Biological Assessment and Criteria: Tools for Water Resource Planning and Decision-making*. Lewis Publishers, Chelsea, Michigan.
- Berry, C.R. Jr., W.T. Helm, and J. M. Neuhold. 1983. Safety in fishery field work. pp. 43-60 IN: Nielsen, L.A., and D. L. Johnson (eds.). *Fisheries Techniques*. American Fisheries Society, Bethesda, MD.
- Bisson, P.A., J.L. Neilsen, R.A. Palmason, and L.E. Grove. 1982. A system of naming habitat types in small streams, with examples of habitat utilizations by salmonids during low stream flow. pp. 62-73 IN: N.B. Armantrout (ed.). *Acquisition and Utilization of Aquatic Habitat Inventory Information*. Symposium Proceedings, October 18-30, 1981, Portland, Oregon. The Hague Publishing, Billings, Montana.
- Chaloud, D. J., and D. V. Peck (eds.). 1994 *Environmental Monitoring and Assessment Program: Integrated Quality Assurance Project Plan for the Surface Waters Resource Group*. EPA 600/X-91/080. Revision 2.00. U.S. Environmental Protection Agency, Las Vegas, Nevada.
- Dietrich, W.E., J.W. Kirchner, H. Ikeda, and F. Iseya. 1989. Sediment supply and the development of the coarse surface layer in gravel bed rivers. *Nature* 340:215-217.
- Fore, L.S., J.R. Karr, and R.W. Wisseman. 1996. Assessing invertebrate responses to human activities, evaluating alternative approaches. *Journal of the North American Benthological Society* 15:212-231.
- Frissell, C.A., W.J. Liss, C.E. Warren, and M.D. Hurley. 1986. A hierarchical framework for stream habitat classification: viewing streams in a watershed context. *Environmental Management* 10(2):199-214.

- Gordon, N.D., T.A. McMahon, and B.L. Finlayson. 1992. Stream hydrology: an introduction for ecologists. John Wiley and Sons, Inc., West Sussex, England.
- Herlihy, A.T. 1998. Initial site procedures. pp. 45-56 IN: J.M. Lazorchak, D.J. Klemm, and D.V. Peck (Eds.). Environmental Monitoring and Assessment Program-Surface Waters: Field Operations and Methods for Measuring the Ecological Condition of Wadeable Streams. EPA/620/R-94/004F. U.S. Environmental Protection Agency, Washington, D.C.
- Herlihy, A.T. 1998. Water chemistry. pp. 57-65 IN: J.M. Lazorchak, D.J. Klemm, and D.V. Peck (Eds.). Environmental Monitoring and Assessment Program-Surface Waters: Field Operations and Methods for Measuring the Ecological Condition of Wadeable Streams. EPA/620/R-94/004F. U.S. Environmental Protection Agency, Washington, D.C.
- Herlihy, A.T., J.L. Stoddard, and C.B. Johnson. 1998. The relationship between stream chemistry and watershed land use data in the mid-Atlantic region, US. Water Air and Soil Pollution 105:377-386.
- Hughes, R.M. (ed.). 1993. Stream Indicator and Design Workshop. EPA/600/R-93/138. U.S. Environmental Protection Agency, Corvallis, Oregon.
- Kaufmann, P., A. Herlihy, J. Elwood, M. Mitch, S. Overton, M. Sale, J. Messer, K. Reckhow, K. Cougan, D. Peck, J. Coe, A. Kinney, S. Christie, D. Brown, C. Hagley, and Y. Jager. 1988. Chemical Characteristics of Streams in the Mid-Atlantic and Southeastern United States. Volume I: Population Descriptions and Physico-Chemical Relationships. EPA 600/3-88/021a. U.S. Environmental Protection Agency, Washington, D.C.
- Kaufmann, P.R. 1998. Stream Discharge. pp. 67-76 IN: J.M. Lazorchak, D.J. Klemm, and D.V. Peck (Eds.). Environmental Monitoring and Assessment Program-Surface Waters: Field Operations and Methods for Measuring the Ecological Condition of Wadeable Streams. EPA/620/R-94/004F. U.S. Environmental Protection Agency, Washington, D.C.
- Kaufmann, P.R. (ed.). 1993. Physical Habitat. pp. 59-69 IN: R.M. Hughes (ed.). Stream Indicator and Design Workshop. EPA/600/R-93/138. U.S. Environmental Protection Agency, Corvallis, Oregon.
- Kaufmann, P.R. and E.G. Robison. 1998. Physical Habitat Assessment. pp 77-118 In: Lazorchak, J.L., Klemm, D.J., and D.V. Peck (editors)., Environmental Monitoring and Assessment Program - Surface Waters: Field Operations and Methods for Measuring the Ecological Condition of Wadeable Streams. EPA/620/R-94/004F. U.S. Environmental Protection Agency, Washington D.C.
- Kaufmann, P.R., P. Levine, E.G. Robison, C. Seeliger, and D.V. Peck (1999). Quantifying Physical Habitat in Wadeable Streams. EPA 620/R-99/003. U.S. Environmental Protection Agency, Washington, D.C. 102p + App.
- Kerans, B.L., and J.R. Karr. 1994. A benthic index of biotic integrity (B-IBI) for rivers of the Tennessee Valley. Ecological Applications 4:768-785.

- Klemm, D.J., B.H. Hill, F.H. McCormick, and M.K. McDowell. 1998. Base location activities. pp. 27-44 IN: J.M. Lazorchak, D.J. Klemm, and D.V. Peck (Eds.). Environmental Monitoring and Assessment Program-Surface Waters: Field Operations and Methods for Measuring the Ecological Condition of Wadeable Streams. EPA/620/R-94/004F. U.S. Environmental Protection Agency, Washington, D.C.
- Klemm, D.J., J.M. Lazorchak, and P.A. Lewis. 1998. Benthic Macroinvertebrates. pp. 147-182 IN: J.M. Lazorchak, D.J. Klemm, and D.V. Peck (Eds.). Environmental Monitoring and Assessment Program-Surface Waters: Field Operations and Methods for Measuring the Ecological Condition of Wadeable Streams. EPA/620/R-94/004F. U.S. Environmental Protection Agency, Washington, D.C.
- Klemm, D.J., P.A. Lewis, F. Fulk, and J.M. Lazorchak. 1990. Macroinvertebrate Field and Laboratory Methods for Evaluating the Biological Integrity of Surface Waters. EPA/600/4-90/030. U.S. Environmental Protection Agency, Environmental Monitoring Systems Laboratory, Cincinnati, Ohio.
- Lazorchak, J.M., A.T. Herlihy, and J. Green. 1998. Rapid Habitat and Visual Stream Assessments. pp. 193-209 IN: J.M. Lazorchak, D.J. Klemm, and D.V. Peck (Eds.). Environmental Monitoring and Assessment Program-Surface Waters: Field Operations and Methods for Measuring the Ecological Condition of Wadeable Streams. EPA/620/R-94/004F. U.S. Environmental Protection Agency, Washington, D.C.
- Lazorchak, J.M., Klemm, D.J. , and D.V. Peck (editors). 1998. Environmental Monitoring and Assessment Program -Surface Waters: Field Operations and Methods for Measuring the Ecological Condition of Wadeable Streams. EPA/620/R-94/004F. U.S. Environmental Protection Agency, Washington, D.C.
- Lemmon, P.E. 1957. A new instrument for measuring forest overstory density. *Journal of Forestry* 55(9):667-669.
- Linsley, R.K., M.A. Kohler, and J.L.H. Paulhus. 1982. *Hydrology for Engineers*. McGraw-Hill Book Co. New York.
- Moore, K.M., K.K. Jones, and J.M. Dambacher. 1993. Methods for stream habitat surveys: Oregon Department of Fish and Wildlife, Aquatic Inventory Project. Version 3.1. Oregon Department of Fish and Wildlife, Corvallis, OR 34 pp.
- Mulvey, M., L. Caton, and R. Hafele. 1992. Oregon Nonpoint Source Monitoring Protocols Stream Bioassessment Field Manual for Macroinvertebrates and Habitat Assessment. Oregon Department of Environmental Quality, Laboratory Biomonitoring Section. 1712 S.W. 11th Ave. Portland, Oregon, 97201. 40 p.
- National Institute for Occupational Safety and Health. 1981. Occupational Health Guidelines for Chemical Hazards (Two Volumes). NIOSH/OSHA Publication No. 81-123. U.S. Government Printing Office, Washington, D.C.
- Norris, R.H. 1995. Biological monitoring: the dilemma of data analysis. *Journal of the North American Benthological Society* 14:440-450.

- Ohio EPA. 1990. Ohio EPA Fish Evaluation Group Safety Manual. Ohio Environmental Protection Agency, Ecological Assessment Section, Division of Water Quality Planning and Assessment, Columbus, Ohio.
- Peck, D.V., J.M. Lazorchak, and D.J. Klemm (editors). 2003 Unpublished draft. Environmental Monitoring and Assessment Program-Surface Waters: Western Pilot Study Field Operations Manual for Wadeable Streams. EPA/xxx/x-xx/xxxx. U.S. Environmental Protection Agency, Washington, D.C.
- Plafkin, J.L., M.T. Barbour, K.D. Porter, S.K. Gross, and R.M. Hughes. 1989. Rapid Bioassessment Protocols for Use in Streams and Rivers: Benthic Macroinvertebrates and Fish. EPA/440/4-89/001. U.S. Environmental Protection Agency, Assessment and Watershed Protection Division, Washington, D.C.
- Platts, W.S., W.F. Megahan, and G.W. Minshall. 1983. Methods for Evaluating Stream, Riparian, and Biotic Conditions. USDA Forest Service General Technical Report INT-183. 71 p.
- Rantz, S.E. and others. 1982. Measurement and Computation of Streamflow: Volume 1. Measurement of Stage and Discharge. U.S. Geological Survey Water-Supply Paper 2175.
- Robison, E.G. and P.R. Kaufmann. 1994. Evaluating two objective techniques to define pools in small streams. pp. 659-668, IN: R.A. Marston and V.A. Hasfurther (eds.). Effects of Human Induced Changes on Hydrologic Systems. Summer Symposium proceedings, American Water Resources Association, June 26-29, 1994, Jackson Hole, Wyoming. 1182 p.
- Robison, E.G. and R.L. Beschta. 1990. Characteristics of coarse woody debris for several coastal streams of southeast Alaska, USA. Canadian Journal of Fisheries and Aquatic Sciences 47(9):1684-1693.
- Smoot, G. F., and C. E. Novak. 1968. Calibration and Maintenance of Vertical-axis Type Current Meters. Book 8, Chapter B2 IN: Techniques of Water-Resources Investigations of the United States Geological Survey. U.S. Government Printing Office, Washington, D.C.
- Stack, B.R. 1989. Factors Influencing Pool Morphology in Oregon Coastal Streams. M.S. Thesis, Oregon State University. 109 p.
- Stanley, T.W., and S.S. Verner. 1986. The U.S. Environmental Protection Agency's quality assurance program. pp. 12-19 IN: J.K. Taylor and T.W. Stanley (eds.). Quality Assurance for Environmental Measurements. ASTM STP 867, American Society for Testing and Materials, Philadelphia, Pennsylvania.
- U.S. Coast Guard. 1987. Federal Requirements for Recreational Boats. U.S. Department of Transportation, United States Coast Guard, Washington, D.C.

- U.S. EPA. 1998. Environmental Monitoring and Assessment Program (EMAP): Research Plan 1997. EPA/620/R-98/002. U.S. Environmental Protection Agency, Washington, D.C.
- U.S. EPA. 2000. Ecological Assessment of Streams and Rivers in the Western United States: A Cooperative Effort Between the U.S. EPA and Western States and Tribal Nations. U.S. Environmental Protection Agency, Corvallis, Oregon.
- U.S. EPA. 1989. Handbook of Methods for Acid Deposition Studies: Field Operations for Surface Water Chemistry. EPA 600/4-89/020. U.S. Environmental Protection Agency, Office of Research and Development, Washington, D.C.
- U.S. EPA. 1986. Occupational Health and Safety Manual. Office of Planning and Management, U.S. Environmental Protection Agency, Washington, D.C.
- Wilcock, P.R. 1988. Two-fraction model of initial sediment motion in gravel-bed rivers. *Science* 280:410-412.
- Wolman, M.G. 1954. A method of sampling coarse river-bed material. *Transactions of the American Geophysical Union* 35(6):951-956.
- Wright, J.F. 1995. Development and use of a system for predicting the macroinvertebrate fauna in flowing waters. *Australian Journal of Ecology* 20:181-197.