

LITERATURE CITED

- Ball, R. C., and T. G. Bahr. 1975. Intensive Survey: Red Cedar River, Michigan. Pages 431-460 in B. A. Whitton, editor. *River Ecology*. University of California Press, Los Angeles.
- Barton, D. R. 1980. Benthic macroinvertebrate communities of the Athabasca River near Ft. MacKay, Alberta. *Hydrobiologia* 74:151-160.
- Barton, D. R., and H. B. N. Hynes. 1978. Wave-zone macrobenthos of the exposed Canadian shores of the St. Lawrence Great Lakes. *J. Great Lakes Res.* 4(1):27-45.
- Barton, D. R., and M. A. Lock. 1979. Numerical abundance and biomass of bacteria, algae and macrobenthos of a large northern river, the Athabasca. *Int. Rev. gesamten Hydrobiol.* 64:345-359.
- Barton, D. R., and S. M. Smith. 1984. Insects of extremely small and extremely large aquatic habitats. Pages 456-483 in V. H. Resh and D. M. Rosenberg, editors. *The Ecology of Aquatic Insects*. Praeger Publishers, New York.
- Berner, L. M. 1951. Limnology of the lower Missouri River. *Ecology* 32:1-12.
- Bodkin, P. C., V. Poluszny, and H. M. Dale. 1980. Light and pressure in two freshwater lakes and their influence on the growth, morphology and depth limits of Hippuris vulgaris. *Freshwater Biol.* 10:545-552.
- Brown, C. L. 1983. Productivity of aquatic macrophytes and associated periphyton in Lake St. Clair: a data report. U. S. Fish and Wildlife Service, Great Lakes Fishery Laboratory, Ann Arbor, MI. 41 pp.
- Brown, C. L., T. P. Poe, J. R. P. French III, and D. W. Schloesser. (In Press). Relationship of phytomacrofauna to surface area in naturally occurring macrophyte stands. *Can. J. Fish. Aquat. Sci.*
- Brouha, P., and C. E. von Geldern, Jr. 1979. Habitat manipulation for centrarchid production in western reservoirs. Pages 11-17 in D. L. Johnson and R. A. Stein, editors. *Response of Fish to Habitat Structure in Standing Water*. North Central Division American Fisheries Society Special Publication 6.
- Chambers, P. A., and J. Kalff. 1985. Depth distribution and biomass of submersed aquatic macrophyte communities in relation to Secchi depth. *Can. J. Fish. Aquat. Sci.* 42:701-709.
- Cole, L. J. 1903. The delta of the St. Clair River. *Geological Survey of Michigan*. Vol. IX, Part 1, 25 pp.

- Cooley, J. L. 1978. Environmental assessment of the FY 1979 winter navigation demonstration on the St. Lawrence River. Technical Report L. Environmental Assessment. FY 1979 Winter Navigation Demonstration on the St. Lawrence River. State University of New York. Institute of Environmental Program Affairs. Syracuse, NY. 17 pp.
- Cosentino, P. M. 1983. Fish community structure and the utilization of Harsens Island marsh-bay complex, Lake St. Clair. Fisheries Research Report No. 1913. Michigan Department of Natural Resources, Lansing, MI. 41 pp.
- Crowder, A. A., J. M. Bristow, M. R. King, and S. Vanderloet. 1977. Distribution, seasonality, and biomass of aquatic macrophytes in Lake Opinicon (Eastern Ontario). Nat. Can. 104:441-456.
- Derecki, J. A. 1984a. St. Clair River physical and hydraulic characteristics. Great Lakes Environmental Research Laboratory Open File Report. Great Lakes Environmental Research Laboratory, NOAA, Ann Arbor, MI. 10 pp.
- Derecki, J. A. 1984b. Lake St. Clair physical and hydraulic characteristics. Great Lakes Environmental Research Laboratory Open File Report. Great Lakes Environmental Research Laboratory, NOAA, Ann Arbor, MI. 8 pp.
- Derecki, J. A. 1984c. Detroit River physical and hydraulic characteristics. GLERL Open File Report. Great Lakes Environmental Research Laboratory, NOAA, Ann Arbor, MI. 11 pp.
- Gleason, G. R., D. J. Behmer, and K. L. Vincent. 1979. Evaluation of benthic dislocation due to ship-induced pressure waves. Lake Superior State College, Project Number 5100 of the Great Lakes Basin Commission, Ann Arbor, MI. 62 pp.
- Goodyear, C. D., T. A. Edsall, D. M. O. Dempsey, G. D. Moss, and P. E. Polanski. 1982. Atlas of spawning and nursery areas of Great Lakes fishes. U. S. Fish and Wildlife Service, Great Lakes Fishery Laboratory, Ann Arbor, MI. Report FWS/OBS-82/52, Vol. VI, VII, VIII.
- Gregg, W. W., and F. L. Rose. 1982. The effects of aquatic macrophytes on the stream microenvironment. Aquat. Bot. 14:309-324.
- Haag, R. W. 1979. The ecological significance of dormancy in some rooted aquatic plants. J. Ecol. 67:727-738.
- Haas, R. C., W. C. Bryant, K. D. Smith, and A. J. Nuhfer. 1986. Movement and harvest of fish in Lake St. Clair, St. Clair River and Detroit River. Final report on Winter Navigation Study, U. S. Army Corps of Engineers. Michigan Department of Natural Resources. Fisheries Division.

Hamdy, Y., and L. Post. 1985. Distribution of mercury, trace organics, and other heavy metals in Detroit River sediments. J. Great Lakes Res. 11:353-365.

Harlow, G. L. 1965. Report on pollution of the Detroit River, Michigan waters of Lake Erie, and their tributaries. Summary, conclusions, and recommendations. Pages 756-851 in Proceedings of the Conference in the matter of pollution of the navigable waters of the Detroit River and Lake Erie and their tributaries in the State of Michigan. Vol. 3. U. S. Department of Health, Education, and Welfare, Public Health Service, Washington, D.C.

Hatcher, C. O., and R. T. Nester. 1983. Distribution and abundance of fish larvae in the St. Clair and Detroit rivers. U. S. Fish and Wildlife Service, Great Lakes Fishery Laboratory, Ann Arbor, MI. Administrative Report 83-5, 41 pp.

Helfman, G. S. 1979. Fish attraction to floating objects in lakes. Pages 49-57 in D. L. Johnson and R. A. Stein, editors. Response of Fish to Habitat Structure in Standing Water. North Central Division American Fisheries Society Special Publication 6.

Hill, B. H., and J. R. Webster. 1983. Aquatic macrophyte contribution to the New River organic matter budget. Pages 273-282 in T. D. Fontaine III and S. M. Bartell, editors. Dynamics of Lotic Ecosystems. Ann Arbor Science, Ann Arbor, MI.

Hiltunen, J. K. 1979. Investigation of macrobenthos in the St. Marys River during an experiment to extend navigation through winter, 1974-75. U. S. Fish and Wildlife Service, Great Lakes Fishery Laboratory, Administrative Report.

Hiltunen, J. K. 1980. Composition, distribution, and density of benthos in the lower St. Clair River, 1976-1977. U. S. Fish and Wildlife Service, Great Lakes Fishery Laboratory, Administrative Report 80-4, 28 pp.

Hiltunen, J. K., and B. A. Manny. 1982. Distribution and abundance of macrozoobenthos in the Detroit River and Lake St. Clair, 1977. U. S. Fish and Wildlife Service. Great Lakes Fishery Laboratory. Administrative Report 82-2, 87 pp.

Hiltunen, J. K., and D. W. Schloesser. 1983. The occurrence of oil and the distribution of Hexagenia (Ephemeroptera:Ephemeridae) nymphs in the St. Marys River, Michigan and Ontario. Freshwater Invert. Biol. 2(4):199-203.

Hotchkiss, N. 1967. Underwater and floating-leaved plants of the United States and Canada. U. S. Bur. Wildl. Serv. Publ. 44. 124 pp.

- Hotchkiss, N. 1970. Common marsh plants of the United States and Canada. U. S. Fish. Wildl. Serv. Resour. Publ. 93. 99 pp.
- Hudson, P. L., and S. J. Nichols. In Press. Benthic community of the Savannah River below a peaking hydropower station. J. Entomol. Sci.
- Hudson, P. L., and G. A. Swanson. 1972. Production and standing crop of Hexagenia (Ephemeroptera) in a large reservoir. Stud. Nat. Sci. (Portales, N. M.) 1 (4):1-36.
- Jones, J. J. 1982. Potential effects of winter shipping on diving ducks wintering in the Detroit River. Master of Science Thesis, University of Michigan, Ann Arbor, 91 pp.
- Kallemeijn, L. W., and J. F. Novotny. 1977. Fish and fish food organisms in various habitats of the Missouri River in South Dakota, Nebraska, and Iowa. U. S. Fish. Wildl. Serv., Biol. Serv. Prog., FWS/OBS-77/25. 100 pp.
- Kauss, P. B., and Y. S. Hamdy. 1985. Biological monitoring of organochlorine contaminants in the St. Clair and Detroit rivers using introduced clams, Elliptio complanatus. J. Great Lakes Res. 11:247-263.
- Kunii, H. 1981. Characteristics of the winter growth of detached Elodea nuttallii (Planch.) St. John in Japan. Aquat. Bot. 11:57-66.
- Larimore, R. W., and D. D. Garrels. 1985. Assessing habitats used by warm water stream fishes. Fisheries (Bethesda) 10(2):10-16.
- Limno-Tech, Inc. 1985. Summary of the existing status of the upper Great Lakes connecting channels data. Limno-Tech, Inc., Ann Arbor, MI. 157 pp.
- Liston, C. R., W. G. Duffy, D. E. Ashton, T. Batterson, and C. D. McNabb. 1981. Supplementary environmental baseline studies and evaluation of the St. Marys River during 1980. U. S. Fish. Wildl. Serv., Biol. Serv. Prog., FWS/OBS 80/62.1. 167 pp.
- Liston, C. R., W. G. Duffy, D. E. Ashton, C. D. McNabb, and F. E. Koehler. 1980. Environmental baseline and evaluation of the St. Marys River dredging. U. S. Fish. Wildl. Serv., Biol. Serv. Prog., FWS/OBS-80/62, 295 pp.
- Liston, C. R., and C. McNabb, (Principal investigators) with D. Brazo, J. Bohr, J. Craig, W. Duffy, G. Fleisher, G. Knoecklein, F. Koehler, R. Ligman, R. O'Neal, M. Siami, and P. Roettger. 1986. Environmental baseline studies of the St. Marys River during 1982 and 1983, prior to proposed extension of the navigation season. Draft Report submitted to the U. S. Fish and Wildlife Service under contract 14-16-0009-79-013 and the U. S. Army Corps of Engineers, Detroit District.

McCauley, C. 1985. An annotated bibliography on the macrozoobenthos and aquatic macrophytes of the St. Clair River, Lake St. Clair and the Detroit River. U. S. Fish and Wildlife Service, Great Lakes Fishery Laboratory, Ann Arbor, MI. Administrative Report 85-2, 43 pp.

Michigan Water Resources Commission. 1967. Water resources uses: present and prospective for St. Clair River, Detroit River, Lake Erie, Maumee River Basin and water quality standards and plan of implementation. Michigan Department of Conservation, Lansing, MI. 153 pp.

Mills, E. L., S. B. Smith, and J. L. Forney. 1981. The St. Lawrence River in winter: population structure, biomass, and patterns of its primary and secondary food web components. *Hydrobiologia* 79:65-75.

Mozola, A. J. 1969. Geology for land and ground-water development in Wayne County, Michigan. Michigan Geological Survey, Department of Natural Resources. Report of Investigation 3, 19 pp.

Mudroch, A. 1985. Geochemistry of the Detroit River sediments. *J. Great Lakes Res.* 11:193-200.

Muth, K. M., D. R. Wolfert, and M. T. Bur. Environmental Study of Fish Spawning and Nursery Areas in the St. Clair--Detroit River System. U. S. Fish and Wildlife Service, Great Lakes Fishery Laboratory, Ann Arbor, MI. Administrative Report 86-6, 53 pp.

Nowell, A. R. M., and P. A. Jumars. 1984. Flow environments of aquatic benthos. *Annu. Rev. Ecol. Syst.* 15:303-328.

Ontario Ministry of the Environment. 1979. St. Clair River organics study, biological surveys 1963 and 1977. Ontario Ministry of the Environment, Water Resources Assessment Unit, London, Ontario, 90 pp.

Ozimek, T., A. Prejs, and K. Prejs. 1976. Biomass and distribution of underground parts of Potamogeton perfoliatus L. and P. lucens L. in Mikolajskie Lake, Poland. *Aquat. Bot.* 2:309-316.

Paxton, K., and F. Stevenson. 1979. Influence of artificial structure on angler harvest from Killdeer Reservoir, Ohio. Pages 70-76 in D. L. Johnson and R. A. Stein, editors. Response of fish to habitat structure in standing water. North Central Division American Fisheries Society Special Publication 6.

Pennington, C. H., H. L. Schramm, Jr., M. E. Potter, and M. P. Farrell. 1980 Aquatic habitat studies on the Lower Mississippi River, river mile 480-530; Report 5; Fish studies--pilot report. U. S. Army Engineer Waterways Experiment Station. Environmental Laboratory. Miscellaneous Paper E-80-1.

- Poe, T. P. 1983. Food habits of larval yellow perch as a potential indicator of water and habitat quality. U. S. Fish and Wildlife Service, Great Lakes Fishery Laboratory, Ann Arbor, Michigan. Administrative Report 83-2, 21 pp.
- Poe, T. P., and T. A. Edsall. 1982. Effects of vessel-induced waves on the composition and amount of drift in an ice environment in the St. Marys River. U. S. Fish and Wildlife Service. Great Lakes Fishery Laboratory, Ann Arbor, MI. Administrative Report 82-6, 45 pp.
- Poe, T. P., T. A. Edsall, and J. K. Hiltunen. 1980. Effect of ship-induced waves in an ice environment on the St. Marys River ecosystem. U. S. Fish and Wildlife Service, Great Lakes Fishery Laboratory, Ann Arbor, MI. Administrative Report 80-6, 125 pp.
- Prince, E. D., and O. E. Maughan. 1979. Attraction of fishes to tire reefs in Smith Mountain Lake, Virginia. Pages 19-25 in D. L. Johnson and R. A. Stein, editors. Response of Fish to Habitat Structure in Standing Water. North Central Division American Fisheries Society Special Publication 6.
- Pugsley, C. W., P. D. N. Herbert, G. W. Wood, G. Brotea, and T. W. Obal. 1985. Distribution of contaminants in clams and sediment from the Huron-Erie corridor. I-PCBs and Octachlorostyrene. J. Great Lakes Res. 11:275-289.
- SAS Institute Inc. 1982. SAS User's Guide: Statistics 1982 Edition. SAS Institute, Cary, NC. 584 pg.
- Schloesser, D. W., T. A. Edsall, and B. A. Manny. 1985. Growth of submersed macrophytes communities in the St. Clair-Detroit river system between Lake Huron and Lake Erie. Can. J. Bot. 63:1061-1065.
- Schloesser, D. W., and B. A. Manny. 1982. Distribution and relative abundance of submersed aquatic macrophytes in the St. Clair-Detroit River ecosystem. U. S. Fish and Wildlife Service. Great Lakes Fishery Laboratory. Administrative Report 82-7, 49 pp.
- Schloesser, D. W., and B. A. Manny. 1984. Rapid qualitative methods for estimating the biomass of submersed macrophytes in large water bodies. J. Aquat. Plant Manage. 22:102-104.
- Sculthorpe, C. D. 1967. The biology of aquatic vascular plants. Edward Arnold Ltd., London. 610 pp.
- Sheldon, B. R., and C. W. Boylen. 1977. Maximum depth inhabited by aquatic vascular plants. Am. Midl. Nat. 97:248-254.
- Texas Instruments Incorporated, Ecological Services. 1975. Report of fish and macrozooplankton studies on the St. Clair River in the vicinity of the proposed Belle River Power Plant. Prepared for Detroit Edison. Texas Instruments Inc., Dallas, TX. v.p.

- Thornley, S. 1985. Macrozoobenthos of the Detroit and St. Clair Rivers with comparisons to neighboring waters. *J. Great Lakes Res.* 11:290-296.
- Thornley, S., and Y. Hamdy. 1984. An assessment of the bottom fauna and sediments of the Detroit River. Ontario Ministry of the Environment, 48 pp.
- Trautman, M. B. 1981. The fishes of Ohio. Ohio State University Press, Columbus, OH. 782 pp.
- USACE (U. S. Army Corps of Engineers). 1980. Final Environmental Impact Statement, Belle River Power Plant, St. Clair County, Michigan. U. S. Army Corps of Engineers, Detroit District, v. p.
- USACE. 1984. Appendix to the St. Clair River ice jam report. Great Lakes Hydraulics and Hydrology Branch. U. S. Army Corps of Engineers, Detroit District. 40 pp.
- Voss, E. G. 1972. Michigan Flora Part I: Gymnosperms and monocots. Cranbrook Institute of Science. Bloomfield Hills, MI. 488 pp.
- Walburg, C. E., J. F. Novotny, K. E. Jacobs, and W. D. Swink. 1983. Effects of reservoir releases on water quality, macroinvertebrates, and fish in tailwaters: field study results. Technical Report E-83-6, prepared by National Reservoir Research Program, U. S. Fish and Wildlife Service, for the U. S. Army Engineer Waterways Experiment Station, CE, Vicksburg, MS. 109 pp.
- Werner, E. E., J. F. Gilliam, D. J. Hall, and G. G. Mittelbach. 1983. An experimental test of the effects of predation risk on habitat use in fishes. *Ecology* 64:1540-1548.
- Westlake, D. F. 1963. Comparisons of plant productivity. *Biol. Rev. Camb. Philos. Soc.* 38:385-425.
- Westlake, D. F. 1985. Macrophytes. Pages 106-128 in B. A. Whitton, editor. *River Ecology*. University of California Press, Los Angeles.