

Literature Cited

- Anderson, D.V. and D. Clayton. 1959. Plankton in Lake Ontario. Great Lakes Geophys. Res. Group, Ont. Dept. Land Forests. Phys. Res. Note. 1: I-47.
- Berguson, S. 1971. A study of the food commonly consumed by the crustacean Limnocalanus macrurus. In Conway, J.B. O.R. Ruschmeyer, T.A. Olsen and T.O. Odlaug. 1973. The distribution, composition and biomass in western Lake Superior. U. of Minn. Water Res. Center Bull. 63.
- Bergquist, A.M., S.R. Carpenter, and J.C. Latino. 1985. Shifts in phytoplankton size structure and community composition during grazing by contrasting zooplankton assemblages. Limnol. Oceanogr. 30: 1037- 1045.
- Bottrell, H.H., A. Duncan, Z.M. Gliwicz, E. Grygierek, A. Herzig, A. Hillbricht-Ilkowska, H. Kurasawa, P. Larsson and T. Weglenska. 1976. A review of some problems in zooplankton production studies. Norw. J. Zool. 24: 419-456.
- Brooks, A.S. and S.I. Dodson. 1965. Predation, body size, and composition of zooplankton. Science 150:28-35.
- Brooks, J.L. 1957. The systematics of North America Daphnia. Mem. Conn. Acad. Arts Sci. 13:1-180.
- Czaika, S. 1974. Crustacean zooplankton of southwestern Lake Ontario in 1972 during the International Field Year for the Great Lakes. Proc. 17 Conf. Great Lakes Res. Inter. Assoc. Great Lakes Res. I - 16.
- Doohan, M. 1973. An energy budget for adult Brachionus plicatilis Muller (Rotatoria). Oecologia. 13: 351-362.
- Downing, J.A. and F.H. Rigler 1984. A Manual on Methods for the Assessment of Secondary Productivity in Fresh Waters. IBP Handbook #I 7. Blackwell Scientific Publications, Oxford.
- Dumont, H.J., I. Van de Velde and S. Dumont. 1975. The dry weight estimate of biomass in a selection of Cladocera, Copepoda and Rotifera from the plankton, periphyton and benthos of continental waters. Oecologia. 19: 75-97.
- Edmondson, W.T. 1959. Freshwater Biology. 2nd ed. John Wiley and Sons, New York.
- Gannon, J.E. 1971. Two counting cells for the enumeration of zooplankton micro-crustacea. Trans. Amer. Micros. Soc. 90: 486-490.
- Gannon, J.E. and R.S. Stemberger. 1978. Zooplankton (especially crustaceans and rotifers) as indicators of water quality. Trans. Amer. Micro. Soc. 97(1): 16-35.

- Glumac, V. 1994. Environment Canada. Tn. Lakewide Impacts of Critical Pollutants on United States Boundary Waters of Lake Ontario. F. Luckey. New York State Department of Environmental Conservation. Division of Water, Great Lakes Section, 50 wolf Road, Albany. NY.
- Gray, I.M. 1987. Difference between nearshore and offshore phytoplankton communities in lake Ontario. *Can. J. Fish. Aquat. Sci.* 44:2155-2163.
- Great Lakes Fishery Commission. 1992. Status of the Lake Ontario offshore pelagic fish community and related ecosystem in 1992. Report to the Lake Ontario Committee of the Great Lakes Fishery Commission. Based on a meeting of a special Task Group for Technical Evaluation, 28-29 July, 1992, Kingston, Ontario.
- Hart, J.L. 1930. The spawning and early history of the whitefish, *Coregonus clupeaformis*, in the Bay of Quinte, Ontario. *Canadian Biol. Fish. (N.S.)* 6: 165-214.
- Hartig, J.H. et al. 1991. Rehabilitation of Lake Ontario: Role of nutrient reduction and food web dynamics. *Can. J. Fish. Aquatic Sci.* 48: 1574-1580.
- Hawkins, B.E. and M.S. Evans. 1979. Seasonal cycles of zooplankton biomass in southeastern Lake Michigan. *J. Great Lakes Res.* 5:256-263.
- International Joint Commission. 1969. Pollution of Lake Erie, Lake Ontario and the International Section of the St. Lawrence River, 3. International Joint Commission, Windsor, Ontario 329pp.
- Johannsson, O.E., R.M. Dermont, R. Feldkamp and J.E. Moore. 1985a. Lake Ontario Long Term Biological Monitoring Program: Report for 1981 and 1982. Canadian Technical Report of Fisheries and Aquatic Sciences. No. 1414. 208 pp.
- Johannsson, O.E., R. Dermot, R. Feldkamp, J. Moore. 1985b. Lake Ontario Long Term Monitoring Program: 1981 and 1982. Data Base. Canadian Technical Report of Fisheries and Aquatic Sciences. No. 552. 103pp.
- Johannsson, O.E., E.L. Mills and R. O'Gorman. 1991. Changes in the nearshore and offshore zooplankton communities in Lake Ontario: 1981- 1988. *Can. J. Fish. Aquat. Sci.* 48:1546- 1557.
- Johannsson, O.E. and R. O'Gorman. 1991. Roles of predation, food, and temperature in structuring the epilimnetic zooplankton populations in Lake Ontario, 1981- 1986. *Trans. Amer. Fish. Soc.* 120: 193-208.
- Lange, C. and R. Cap. 1986. *Bythotrephes cederstroemi* (Schodler) (Cercopagidae:Cladocera): a new record for Lake Ontario. *J. Great Lakes Res.* 12: 142-143.

- Langeland, A. 1978. Effect of fish (Salvelinus alpinus, Arctic char) predation on the zooplankton in ten Norwegian lakes. *Inter. Verein. Limnol.* 20:2065-2069.
- Lehman, J.T. 1991. Causes and consequences of cladoceran dynamics in Lake Michigan: Implications of species invasion by Bythotrephes. *J. Great Lakes Res.* 17:437-445.
- Lehman, J.T. and C.E. Caceres. 1993. Food-web responses to species invasion by a predatory invertebrate: Bythotrephes in Lake Michigan. *Limnol. Oceanogr.* 38:879-891.
- Lorifice, G.J. and M. Munawar. 1974. The abundance of diatoms in the southwestern nearshore region of Lake Ontario during the spring thermal bar. In *Proc. 17th Conf. Great Lakes Res.*, pp619-628. *Inter. Assoc. Great lakes Res.*
- Luckey, F. 1994. New York State Department of Environmental Conservation. Division of Water, Great Lakes Section, 50 Wolf Road, Albany, NY.
- Makarewicz, J.C. 1988. Phytoplankton and zooplankton in Lakes Erie, Huron, and Michigan: 1984. U.S.E.P.A. Great Lakes National Program Office, Chicago, Illinois. EPA-905/3-88-00 1.
- Makarewicz, J.C. 1993. Phytoplankton biomass and species composition in Lake Erie, 1970 to 1987. *J. Great Lakes Res.* 19:258-274.
- Makarewicz, J.C. and G.E. Likens. 1979. Structure and function of the zooplankton community of Mirror Lake, N.H. *Ecol. Monogr.* 49: 109- 127.
- Makarewicz, J.C. and H.D. Jones. 1990. Occurrence of Bythotrephes cederstroemi in Lake Ontario offshore waters. *J. Great Lakes Res.* 16: 143- 147.
- Makarewicz, J.C. 1991. Feasibility of shoreside monitoring of the Great Lakes. *J. Great Lakes Res.* 17:343-360.
- Makarewicz, J.C. and P. Bertram 1991. Evidence for the restoration of the Lake Erie ecosystem. *Bioscience.* 41:216-223.
- Makarewicz, J.C., T. Lewis and P. Bertram. 1995. Epilimnetic phytoplankton and zooplankton biomass and species composition in Lake Michigan, 1983 to 1992. U.S.E.P.A. Great Lakes National Program, Chicago, Illinois. U.S.E.P.A. Great Lakes National Program, Chicago, Illinois. EPA-905/R-95-009.
- Marsh, C.D. 1901. Notes on freshwater copepods in the United States National Museum. *Proc. U.S. Natl. Museum.* 42:245-255.
- Mazumder, A., D.R.S. Lean and W.D. Taylor. 1992. Dominance of small filter feeding zooplankton in the Lake Ontario foodweb. *J. Great Lakes Res.* 18: 456-466.

- McNaught, D.C. 1975. Zooplankton production in Lake Ontario as influenced by environmental perturbations. National Technical Information Service. EPA-660/3-75-02 1.
- McNaught, D.C. and M. Fenlon. 1972. The effects of thermal effluents upon secondary production. *Verh. Int. Ver. Limnol.* 18:204-212.
- McNaught, D.C. and M. Buzzard. 1973. Changes in zooplankton populations in Lake Ontario. *In Proc. 16th Conf. Great Lakes Res.*, pp.76-86. Internat. Assoc. Great Lakes Res.
- Mills, E.L., R.O'Gorman, J. DeGisi, R.F. Heberger and R. House. 1992. Food of the alewife in Lake Ontario before and after the establishment of *Bythotrephes cederstroemi*. *Can. J. Fish. Aquatic Sci.* 49:2009-2019.
- Munawar, M. and A. Nauwerck. 1971. The composition and horizontal distribution of phytoplankton in Lake Ontario during the year 1970. *In Proc. 14th Conf. Great Lakes Res.*, Int. Assoc. Great Lakes Res., pp.60-78.
- Munawar, M., P. Stadelmann and I.F. Munawar. 1974. Phytoplankton biomass, species composition and primary production at a near shore and midlake station of Lake Ontario during IFYGL. *In: Proc. 17th Conf. Great Lakes Res.*, Int. Assoc. Great Lakes Res., pp.69-78.
- Munawar, M. and I.F. Munawar. 1975. The abundance and significance of phytoflagellates and nanoplankton in the St. Lawrence Great Lakes. *Verh. Int. Verein. Limnol.* 19:705-723.
- Munawar, M. and I.F. Munawar. 1982. Phycological studies in Lakes Ontario, Erie, Huron and Superior. *Can. J. Bot.* 60: 1837-1858.
- Nauwerck, A. 1963. The relation between zooplankton and phytoplankton in Lake Erken. *Symb. Bot. Ups.* 17: 1- 163.
- Nalewajko, C. 1966. Composition of phytoplankton in surface waters of Lake Ontario. *J. Fish. Res. Board Can.* 23: 1715- 1725
- Nauwerck, A. 1978. Notes on planktonic rotifers of Lake Ontario. *Arch. Hydrobiol.* 84:269-301.
- O'Gorman, R. and C.P. Schneider. 1986. Dynamics of alewives in Lake Ontario following a mass mortality. *Trans. Amer. Fish. Soc.* 115: I-14.
- O'Gorman, R., R.A. Bergstedt, and T.H. Eckert. 1987. Prey fish dynamics and salmonine predator growth in Lake Ontario., 1978-84. *Can J. Fish. Aquat. Sci.* 44:390-403.
- O'Gorman, R., E.L. Mills and J. Degisis. 1991. Use of zooplankton to assess the movement and distribution of alewife (*Alosa pseudoharengus*) in south-central Lake Ontario in spring. *Can. J. Fish. Aquat. Sci.* 48:2250-2257.

- Olson, R.A., J.D. Winter, D.C. Nettles and J.M. Haynes. 1988. Resource partitioning in summer by salmonids in south central Lake Ontario. *Trans. Amer. Fish. Soc.* 117:552-559.
- Patalas, K. 1969. Composition and horizontal distribution of crustacean plankton in Lake Ontario. *J. Fish. Res. Bd. Can.* 26:2135-2164.
- Pritchard, A.L. 193 I. Taxonomic and life history studies of the ciscoes of Lake Ontario. *Univ. Toronto Studies, Publ. Ont. Fish. Res. Lab.* 4 1: 1-78.
- Rigler, F. H. 1972. The Char Lake Report: a study of energy flow in a high arctic lake. *In*. *Productivity Problems of Freshwaters*. Z. Kazak and A. Hillbricht-Ilkowska, eds. pp287-300. Polish Scientific Publishers.
- Robertson, A. 1966. The distribution of calanoid copepods on the Great Lakes. *Publ. No. 15. Great Lakes Res. Div. Univ. of Michigan, Ann Arbor.* pp. 129- 139.
- Robertson, A. and D. Scavia. 1984. North American Great Lakes. *In* *Lakes and Reservoirs*. F.B. Taub (ed.), Elsevier Science Publishers, Amsterdam.
- Schenk, C.F. and R.E. Thompson. 1965. Long-term changes in water chemistry and abundance of plankton at a single sampling location in Lake Ontario. *Proc. 8th Conf. Great Lakes Res., Inter. Assoc. Great Lakes Res.* pp. 102-113.
- Shea, M.A. and J. C. Makarewicz. 1989. Production, biomass and trophic interactions of *Mysis relicta* in Lake Ontario. *J. Great Lakes Res.* 15:223-232.
- Sprung, M. 1993. The Other Life: An account of present knowledge of the larval phase of *Dreissena polymorpha*. *In* *Zebra Mussels: Biology, Impacts, and Control*. T. Nalepa and D. Schloesser (eds). CRC Publishers.
- Stemberger, R.S. 1979. A guide to rotifers of the Laurentian Great Lakes. U.S. Environmental Protection Agency, Rept. No. EPA 600/4-79-02 1. 185 p.
- Stevens, R.J. and M.A. Neilson. 1987. Response of Lake Ontario to reductions in phosphorus load, 1967-82. *Can. J. Fish. Aquat. Sci.* 44:2059-2068.
- Stoermer, E.F., M.N. Bowman, J.C. Kingston and A.L. Schaedel. 1975. Phytoplankton composition and abundance in Lake Ontario during IFYGL. U.S.E.P.A. Ecol. Res. Ser., EPA-600/33-75-004.
- Stoermer, E.F. and T.B. Ladewski. 1978. Phytoplankton associations in Lake Ontario during IFYGL. *Univ. Michigan, Great Lakes Res. Div. Spec. Rep.* 62. 106p.
- Stoermer, E.F., J.A. Wolin, C.L. Schelske, and D.J. Conley. 1985. An assessment of ecological changes during the recent history of Lake Ontario based on siliceous algal microfossils preserved in the sediments. *J. Phycol.* 2 1: 257-276.

- Tarapchak, S. and E. Stoermer. 1976. Environmental status of the Lake Michigan Region. ANL/ES-40.
- Taylor, W.D., H-J. Fricker, and D.R.S. Lean. 1987. Zooplankton seasonal succession in lake Ontario at northshore, midlake, and southshore stations in 1982, and a comparison with 1970. *Can. J. Fish Aquat. Sci.* 44:2 178-2184.
- Tressler, W.L. and T.S. Austin. 1940. A limnological study of some bays and lakes of the Lake Ontario watershed. *In* 29th Annual Rpt., New York State Conservation Dept., Albany, N.Y. pp.188-210.
- Tressler, W.L., T.S. Austin, and E. Orban. 1953. Seasonal variation of some limnological factors in Irondequoit, N.Y. *Am. Midland Naturalist.* 49:878-903.
- Utermöhl, H. 1958. Zur Vervollkommung der quantitativen phytoplankton-methodik. *M.H. Int. Ver. Limnol.* 9. 38 p
- Vanni, M.J. 1986. Competition in zooplankton communities: suppression of small species by Dauhnia pulex. *Limnol. & Oceanogr.* 31: 1039- 1056.
- Vollenweider, R.A. 1968. Scientific fundamentals of the eutrophication of lakes and flowing waters with particular reference to nitrogen and phosphorus as factors in eutrophication. *Organ. Econ. Coop. Dev. Rep.*, Paris.
- Vollenweider, R.A., M. Munawar and P. Stadelmann. 1974. A comparative review of phytoplankton and primary production in the Laurentian Great Lakes. *J. Fish. Res. Bd. Can.* 31:739-762.
- Watson, N.H.F. and G.F. Carpenter. 1974. Seasonal Abundance of crustacean zooplankton and net plankton biomass of Lakes Huron, Erie and Ontario. *J. Fish. Res. Bd. Can.* 31: 309-317.
- Wilson, J.B. and J.C. Rolf. 1973. Seasonal vertical distributions and diurnal migration patterns of Lake Ontario crustacean zooplankton. *Proc. 16th Conf. Great Lakes Res., Inter. Assoc. Great Lakes Res.*, pp. 190-203.
- Willen, T. 1959. The phytoplankton of Gorwalm, a bay of Lake Malaren. *Oikos.* 10: 241-274.
- Whipple, G.C. 1913. Effect of the sewage of Rochester, N.Y. on the Genesee River and Lake Ontario under present conditions. *In* Report On the Sewage Disposal System of Rochester, N.Y. A. Fisher (ed.) Wiley, New York.
- Wolin, J., E. Stoermer and C. Schelske. 1991. Recent changes in Lake Ontario 1981-87: microfossil evidence of phosphorus reduction. *J. Great Lakes Res.* 17:229-241.

Yang, J.R. , H.C. Duthie, and L. D. Delorme. 1993. Reconstruction of the recent environmental history of Hamilton Harbour from analysis of siliceous microfossils. *J. Great Lakes Res.* 19:55-71.