

Peer-reviewed Publications by Faculty and Staff in the Dept. of Environmental Science & Biology at SUNY Brockport

(Journal Articles, Books, Book Chapters, Proceedings)
(**faculty or staff author**, student author*)

- ENV-PR-0149. Foust*, J.C., and **J.M. Haynes**. Failure of walleye recruitment in a lake with little suitable spawning habitat is probably exacerbated by restricted home ranges. *J. Freshwater Ecology*. In press.
- ENV-PR-0148. Walter*, R.P., and **J.M. Haynes**. 2006. Fish and coral community structure are related at shallow water patch reefs near San Salvador, Bahamas. *Bulletin of Marine Science* 79: 365-374.
- ENV-PR-0147. Halbrend*, S.W., S.D. Hile*, **J.M. Haynes**, and **B.R. Roosa**. 2006. Rock bass learn to associate food with a visual cue and remember the association when food is absent. *J. Freshwater Ecology* 21: 391-397.
- ENV-PR-0146. McCabe*, B.J., I.R. Bederman, C.M. Croniger, C.A. Millward, **C.J. Norment**, and S.F. Previs. 2006. Reproducibility of gas chromatography-mass spectrometry measurements of ²H labeling of water: Application for measuring body composition in mice. *Analytical Biochemistry* 350: 171-176.
- ENV-PR-0145. Westcoat, J.L., and nine co-authors (**Makarewicz**). 2006. Review of the Lake Ontario-St. Lawrence River Studies. National Research Council. The National Academies Press: Washington, D.C. 147 pp.
- ENV-PR-0144. Mills, E.L., and 17 co-authors (**Makarewicz**). 2005. A synthesis of ecological and fish community changes in Lake Ontario, 1970-2000. Great Lakes Fisheries Commission: Ann Arbor. 86 pp.
- ENV-PR-0143. Hughes*, T.C., C.E. Lowie, and **J.M. Haynes**. 2005. Age, growth, relative abundance, and scuba capture of lake sturgeon in the lower Niagara River, New York. *N. Amer. J. Fish. Mgmt.* 25(4): 1263-1272.
- ENV-PR-0142. D'Auito*, P., **J.C. Makarewicz**, and I. Bosch. Year?. The impact of stream nutrient loading on macrophytes and metaphyton in Conesus Lake. *Proceedings of the International Association of Theoretical and Applied Limnology*. Vol: pages?.
- ENV-PR-0141. Makarewicz, J.C. 2005. The pelagic phytoplankton community of Lake Michigan. Pages ??-??, *in* T. Edsall and M. Munawar (eds.), *The State of Lake Michigan: Ecology, Health and Management*. Ecovision World Monograph Series: Place.
- ENV-PR-0140. Thompson*, E., **J.C. Makarewicz**, and **T.W. Lewis**. 2005. Additional invertebrate predator in the food web does not biomagnify a persistent contaminant in Lake Ontario: The case of *Cercopagis pengoi*. *J. Great Lakes Res.* 31: 210-218.
- ENV-PR-0139. Dobiez, N., D. McLeish, R. Eshenroder, J. Bence, L. Mohr, M. Ebener, T. Nalepa, A. Woldt, J. Johnson, R. Argyle, and **J. Makarewicz**. 2005. Ecology of the Lake Huron fish community. *Can. J. Fish. Aquat. Sci.* 62: 1432-1451.
- ENV-PR-0138. **Haynes, J.M.**, N.A. Tisch, C.M. Mayer, and R.S. Rhyne*. 2005. Benthic macroinvertebrate communities in southwestern Lake Ontario following invasion of *Dreissena* and *Echinogammarus*: 1983-2000. *J. North American Benthological Society*, 24(1): 148-167.

- ENV-PR-0137. **Norment, C.J.**, and K. Green. 2004. Breeding ecology of Richard's Pipit (*Anthus novaeseelandiae*) in the Snowy Mountains, Australia. *Emu: Austral Ornithology* 104(4): 327-336.
- ENV-PR-0136. Balent*, K., and **C.J. Norment**. 2003. Demographic characteristics of a Grasshopper Sparrow (*Ammodramus savannarum*) population in a highly fragmented habitat in western New York. *Journal of Field Ornithology* 74: 341-348.
- ENV-PR-0135. Duggan, S.A., ?.?. Bailey, R.I. Colautti, D. Gray, **J.C. Makarewicz**, and H.J. MacIsaac. 2003. Biological invasions in Lake Ontario: Past, present and future. Pages 541-558, *in* The Status of Lake Ontario, M. Munawar, Ed.).
- ENV-PR-0134. Laxson*, C.L., K.N. McPhedran, **J.C. Makarewicz**, I.V. Telesh, and H.J. MacIsaac. 2003. Effects of the invasive cladoceran *Cercopagis* on the lower food web of Lake Ontario. *Freshwater Biology* 48: 2094-2106.
- ENV-PR-0133. **Makarewicz, J.C.**, E. Damaske*, **T. W. Lewis**, M. Merner*, and T. Emerson*. 2003. Trend analysis reveals a recent reduction in mirex concentrations in coho (*Oncorhynchus kisutch*) and Chinook (*O. tshawytscha*) salmon from Lake Ontario. *Environmental Science and Technology*. 37: 1521-1527.
- ENV-PR-0132. Mills, E.L., J.R. Casselman, R. Dermott, J.D. Fitzsimons, G. Gal, K.T. Holeck, .A. Hoyle, O.E. Johannsson, B.F. Lantry, **J.C. Makarewicz**, E.S. Millard, I.F. Munawar, M. Munawar, R. O'Gorman, R.W. Owens, L.G. Rudstam, T. Schaner, and T.J. Stewart. 2003. Lake Ontario: Food web dynamics in a changing ecosystem (1970-2000). *Can. J. Fish. Aquat. Sci.* 60: 471-490.
- ENV-PR-0131. **Norment, C.J.** 2003. Patterns of nestling feeding in Harris's Sparrows and White-crowned Sparrows in the Northwest territories, Canada. *Canadian Field-Naturalist* 117: 203-208.
- ENV-PR-0130. **Harris, P.M.**, B.R. Roosa* and L. Norment. 2002. Underground dispersal of amphipods (*Crangonyx pseudogracilis*) between temporary ponds. *J. Freshwater Ecol.* 17:589-594.
- ENV-PR-0129. **Makarewicz, J.C.**, E. Damaske*, C. Laxson*, I. Grigovich, and H. MacIsaac. 2002. Seasonal and vertical distribution of, food web dynamics and contaminant dynamics of *Cercopagis* in Lake Ontario. *Aquatic Invaders* 13: 1-6.
- ENV-PR-0128. **Norment, C.J.** 2002. On grassland bird conservation in the Northeast. *Auk* 119: 271-279.
- ENV-PR-0127. Lowie*, C.E., **J.M. Haynes**, and R.P. Walter*. 2001. Comparison of walleye Habitat Suitability Index (HSI) information with habitat features of a walleye spawning stream. *J. Freshwater Ecol.* 16(4): 621-631.
- ENV-PR-0126. **Makarewicz, J.C.**, I.A. Grigorovich, E. Mills, E. Damaske*, M.E. Cristescu, W. Pearsall, M.J. LaVoie, R. Keats, L. Rudstam, P. Hebert, H. Halbritter, T. Kelly, C. Matkovich, and H.J. MacIsaac. 2001. The distribution, genetics and dispersal of *Cercopagis* in Lake Ontario. *J. Great Lakes Res.* 27(1): 19-32.
- ENV-PR-0125. **Makarewicz, J.C.** 2001. Trophic interactions: Changes in phytoplankton community structure coinciding with alewife introduction. *Verh. Internat. Verein. Limnol.* 127: 1780-1786.
- ENV-PR-0124. **Hunter, J.C.** 2000. *Ailanthus altissima* (Miller) Swingle. Pages 32-36, *in*: C.C. Bossard, J.M. Randall and M.C. Hoshovsky (eds.). *Wildland Weeds of California*. University of California Press, Berkeley.

- ENV-PR-0123. **Hunter, J.C.** 2000. *Robinia pseudoacacia* L. Pages 273-277, *in*: C.C. Bossard, J.M. Randall, and M. C. Hoshovsky (eds.). Wildland Weeds of California. University of California Press, Berkeley.
- ENV-PR-0122. **Hunter, J.C.** *Torreya californica*. Pages 1-5, *in*: P. Schütt, H. J. Schuck, U. M. Lang, and A. Roloff (eds.). 2000. Enzyklopädie der Holzgewächse: Handbuch und atlas der dendrologie III. Ecomed Verlagsgesellschaft AG & Co., Landsberg, Germany.
- ENV-PR-0121. Mahan*, S.R., **J.M. Haynes**, and L.R. Nesbitt. 2000. Identification of fish species eaten by river otters based on fish scale meristics and morphometrics. *McNair Journal* 5: 89-96.
- ENV-PR-0120. **Makarewicz, J. C., T.W. Lewis**, and P. Bertram. 2000. Chemistry of the offshore surface waters of Lake Erie: Pre- and post-*Dreissena* introduction. *J. Great Lakes Res.* 26: 82-93.
- ENV-PR-0119. **Makarewicz, J.C.** 2000. Trophic interactions: changes in phytoplankton community structure coinciding with alewife introduction. *Verh. Internat. Verein Limnol.* 27: 1780-1783.
- ENV-PR-0118. Ardizzone*, C.A., and **C.J. Norment**. 1999. Experimental analysis of nest predation: effects of habitat and nest distribution. *Studies in Avian Biology* 19: 122-127.
- ENV-PR-0117. **Haynes, J.M.**, T.W. Stewart*, and G.E. Cook*. 1999. Benthic macroinvertebrate communities in southwestern Lake Ontario following invasion of *Dreissena*: Continuing change. *J. Great Lakes Res.* 25(4): 828-838.
- ENV-PR-0116. **Hunter, J.C.**, V.T. Parker, and M.G. Barbour. 1999. Understory light and gap dynamics in an old-growth forested watershed in coastal California. *Madrono* 46: 1-6.
- ENV-PR-0115. **Hunter, J.C.**, K. Beardsley, M.C. McCoy, J.F. Quinn, and K. Keller. 1999. The prospects for preservation and restoration of riparian forests in the Sacramento Valley, California. *Environmental Management*: 24: 65-75.
- ENV-PR-0114. Lampman*, G., and **J.C. Makarewicz**. 1999. The phytoplankton-zooplankton link in the Lake Ontario food web. *J. Great Lakes Res.* 25(2): 239-249.
- ENV-PR-0113. **Makarewicz, J. C., T.W. Lewis**, and P. Bertram. 1999. Phytoplankton composition and biomass in the offshore waters of Lake Erie: Pre- and post-*Dreissena* introduction. *J. Great Lakes Res.* 25(1): 135-148.
- ENV-PR-0112. **Norment, C.J.**, C.A. Ardizzone*, and K. Hartman*. 1999. Habitat relations and breeding biology of grassland birds in western New York: management implications. *Studies in Avian Biology* 19: 112-121.
- ENV-PR-0111. **Norment, C.J.**, A. Hall, and P. Hendricks. 1999. Important bird and mammal records in the Thelon River Valley, Northwest Territories: range expansions and possible explanations. *Canadian Field-Naturalist* 113: 1-11.
- ENV-PR-0110. Roberts*, C.R., and **C.J. Norment**. 1999. Effects of plot size and habitat characteristics on breeding success of Scarlet Tanagers. *Auk* 116: 73-82.
- ENV-PR-0109. **Haynes, J.M.** 1998. Stressed stream analysis: Addressing real environmental problems in local communities to stimulate undergraduate science faculty and students. *J. Coll. Sci. Teach.* 28(1): 43-51.
- ENV-PR-0108. Jones*, G., and **C.J. Norment**. 1998. Absence of breeding readiness in Neotropical and long-distance migrant landbirds during spring stopover. *Condor* 100: 373-375.

- ENV-PR-0107. **Makarewicz, J.C.**, P. Bertram, and **T.W. Lewis**. 1998. Changes in phytoplankton size-class abundance and species composition coinciding with changes in the zooplankton community of Lake Michigan, 1983 to 1992. *J. Great Lakes Res.* 24(3): 637-657.
- ENV-PR-0106. **Norment, C.J.**, P. Hendricks, and R. Santonocito*. 1998. Golden-crowned Sparrow (*Zonotrichia atricapilla*). *In: The Birds of North America* (A. Poole and F. Gill, eds.). The Academy of Natural Sciences, Philadelphia.
- ENV-PR-0105. Randall, J.M., M. Rejmánek, and **J.C. Hunter**. 1998. Characteristics of the exotic flora of California. *Fremontia* 26(4): 3-12.
- ENV-PR-0104. Brooks*, A. and **J.C. Makarewicz**. 1997. Salmonine consumption as a source of mirex in human breast milk near Rochester, New York. *J. Great Lakes Res.* 22: 810-818.
- ENV-PR-0103. **Haynes, J.M.** 1997. Zebra mussels and benthic macroinvertebrate communities of southwestern Lake Ontario and selected tributaries: Unexpected results? *Great Lakes Res. Rev.* 3(1): 9-16.
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- ENV-PR-0101. **Hunter, J.C.** 1997. Correspondence of environmental tolerances with leaf and branch attributes for six co-occurring species of broadleaf evergreen trees in northern California. *Trees* 11: 169-175.
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- ENV-PR-0099. Miller*, S.J., and **J.M. Haynes**. 1997. Factors limiting colonization in western New York creeks by the zebra mussel, *Dreissena polymorpha*. *J. Freshwater Ecol.* 12(1): 81-88.
- ENV-PR-0098. **Norment, C.J.**, and M.E. Fuller. 1997. Breeding season frugivory by Harris' Sparrows (*Zonotrichia querula*) and White-crowned Sparrows (*Zonotrichia leucophrys*) in a Low Arctic ecosystem. *Canadian Journal of Zoology* 75: 670-679
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- ENV-PR-0095. **Hunter, J.C.** 1996. *Robinia pseudoacacia*: Black Locust. Page 40, *in: J.M. Randall & J. Marinelli, (eds.), Invasive plants: Weeds of the Global Garden*. Brooklyn Botanic Garden Publications, Brooklyn.
- ENV-PR-0094. Moon, T.W., D.M.E. Otto, D.M. Arquette, and **J.K. Buttner**. 1996. Detection of contaminant exposure in fish by activation of detoxification enzymes. *Great Lakes Res. Rev.* 2(2): 36-40.
- ENV-PR-0093. Otto, D.M.E., **J.K. Buttner**, D. Arquette, and T.W. Moon. 1996. Impaired inducibility of xenobiotic and antioxidant responses in rainbow trout exposed to polychlorinated biphenyl contaminated sediments in the St. Lawrence River. *Chemosphere* 33(10): 2021-2032.
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- ENV-PR-0057. Oleson*, D., and **J.C. Makarewicz**. 1990. Effect of sodium and nitrate on growth of *Anabaena flos-aquae* (Cyanophyta). *J. Phycol.* 26: 593-595.
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