

## TRAVIS BRENDEN PUBLICATIONS

2014

- Winters, A.D., T. Nalepa, S. Fitzgerald, T.O. Brenden, and M. Faisal. 2014. Historical and contemporary parasitic infection and its potential role in declining *Diporeia* spp. (Amphipoda, Gammaridae) abundances in southern Lake Michigan (USA). *Journal of Invertebrate Pathology*
- Maurer, B.A., J.R. Bence, and T.O. Brenden. 2014. [Assessing dynamics of Lake Huron fish communities using dynamic factor analysis](#). Quantitative Fisheries Center Technical Report T2014-01, East Lansing, Michigan.
- Winters, A.D., T.L. Marsh, T. Brenden, and M. Faisal. In press. Molecular characterization of bacterial communities associated with sediments in the Laurentian Great Lakes. *Journal of Great Lakes Research*
- Li, Y., J.R. Bence, and T.O. Brenden. In press. [An evaluation of alternative assessment approaches for intermixing fish populations: a case study with Great Lakes lake whitefish](#). *ICES Journal of Marine Science*
- Millard, E., T. Brenden, S. LaPatra, S. Marcquenski, and M. Faisal. 2014. Detection of antibodies to viral hemorrhagic septicemia virus-IVb in fish sera using a competitive ELISA. *Diseases of Aquatic Organisms* 108:187-199. A reprint of this publication can be obtained by contacting T.O. Brenden at [tbrenden@anr.msu.edu](mailto:tbrenden@anr.msu.edu).
- Tsehaye, I., M.L. Jones, J.R. Bence, T.O. Brenden, C.P. Madenjian, and D.M. Warner. 2014. A multispecies statistical age-structured model to assess prey-predator balance in the Lake Michigan pelagic fish community. *Canadian Journal of Fisheries and Aquatic Sciences* 71:627-644. A reprint of this publication can be obtained by contacting I.Tsehaye at [tsehaye@msu.edu](mailto:tsehaye@msu.edu).
- Tsehaye, I., M.L. Jones, T.O. Brenden, J.R. Bence, and R.M. Claramunt. 2014. [Changes in the salmonine community of Lake Michigan and their implications for predator-prey balance](#). *Transactions of the American Fisheries Society* 143:420-437.
- Vandergoot, C.S., and T.O. Brenden. 2014. [Spatially varying population demographics and fishery characteristics of Lake Erie Walleyes inferred from a long-term tag recovery study](#). *Transactions of the American Fisheries Society* 143:188-204.
- Johnson, N.S., W.D. Swink, T.O. Brenden, J.W. Slade, T.B. Steeves, M.F. Fodale, and M.L. Jones. 2014. Survival and metamorphosis of low-density populations of larval sea lampreys (*Petromyzon marinus*) in streams following lampricide treatment. *Journal of Great Lakes Research* 40:155-163. A reprint of this publication can be obtained by contacting T.O. Brenden at [brenden@anr.msu.edu](mailto:brenden@anr.msu.edu).

- Bunnell, D.B., R.P. Barbiero, S.A. Ludsins, C.P. Madenjian, G.J. Warren, D.M. Dolan, T.O. Brenden, R. Briland, O.T. Gorman, J.X. He, T.H. Johengen, B.F. Lantry, B.M. Lesht, T.F. Nalepa, S. C. Riley, C. M. Riseng, T.J. Treska, I. Tsehaye, M.G. Walsh, D.M. Warner, and B.C. Weidel. 2014. Changing ecosystem dynamics in the Laurentian Great Lakes: bottom-up and top-down regulations. *BioScience* 64:26-39. A reprint of this publication can be obtained by contacting T.O. Brenden at [brenden@anr.msu.edu](mailto:brenden@anr.msu.edu).

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- Brenden, T.O. 2013. [Evaluation of sampling requirements to answer management questions with coded wire tagged Chinook salmon returns in Lake Michigan](#). Quantitative Fisheries Center Technical Report T2013-01, East Lansing, Michigan.
- Wang, L., T. Brenden, J. Lyons, and D. Infante. 2013. Predictability of in-stream physical habitat for Wisconsin and northern Michigan wadeable streams using GIS-derived landscape data. *Riparian Ecology and Conservation* 1:11-24. A reprint of this publication can be obtained by contacting T.O. Brenden at [brenden@anr.msu.edu](mailto:brenden@anr.msu.edu)
- Molton, K.J., T.O. Brenden, and J.R. Bence. 2013. Harvest levels that conserve spawning biomass can provide larger and more stable and sustainable yields in intermixed fisheries. *Fisheries Research* 147:264-283. A reprint of this publication can be obtained by contacting T.O. Brenden at [brenden@anr.msu.edu](mailto:brenden@anr.msu.edu)

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- Vandergoot, C.S., T.O. Brenden, M.V. Thomas, D.W. Einhouse, H.A. Cook, and M.W. Turner. 2012. [Estimation of tag shedding and reporting rates for Lake Erie jaw tagged walleyes](#). *North American Journal of Fisheries Management* 32:211-223.
- Brenden, T.O., J.R. Bence, and E.B. Szalai. 2012. [An age-structured integrated assessment of Chinook salmon population dynamics in Lake Huron's main basin since 1968](#). *Transactions of the American Fisheries Society* 141:919-933.
- Faisal, M., C. Schulz, A. Eissa, T. Brenden, A. Winters, G. Whelan, M. Wolgamood, E. Eisch, and J. VanAmberg. 2012. Epidemiological investigation of *Renibacterium salmoninarum* in three *Oncorhynchus* spp. in Michigan from 2001 to 2010. *Preventive Veterinary Medicine* 107:260-274. A reprint of this publication can be obtained by contacting T.O. Brenden at [brenden@anr.msu.edu](mailto:brenden@anr.msu.edu)
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- Brenden, T.O., and Y. Zhao. 2012. Simulation-based evaluation of the accuracy in indirectly estimating gillnet selectivity. *Fisheries Research* 134-136:64-72. A reprint of this publication can be obtained by contacting T.O. Brenden at [brenden@anr.msu.edu](mailto:brenden@anr.msu.edu)

- Molton, K.J., T.O. Brenden, and J.R. Bence. 2012. Control rule performance for intermixing lake whitefish populations in the 1836 Treaty waters of the Great Lakes: a simulation-based evaluation. *Journal of Great Lakes Research* 38:686-698. A reprint of this publication can be obtained by contacting T.O. Brenden at [brenden@anr.msu.edu](mailto:brenden@anr.msu.edu)
- Jones, M.L., T.O. Brenden, and B.J. Irwin. 2012. Evaluating integrated pest management in the St. Marys River. Great Lakes Fishery Commission Project Completion Report.

## 2011

- Bence, J.R., and T.O. Brenden. 2011. Enhancing fishery stock assessment modeling capacity in the Great Lakes. Great Lakes Fishery Commission Project Completion Report. For a copy of the completion report, please contact the GLFC via [e-mail](#) or via telephone at 734-662-3209.
- Faisal, M., W. Fayed, A. Nour, and T.O. Brenden. 2011. Spatio-temporal dynamics of gastrointestinal helminths infecting four lake whitefish (*Coregonus clupeaformis*) stocks in northern lakes Michigan and Huron, USA. *Journal of Parasitology* 97:760-774. A reprint of this publication can be obtained by contacting M. Faisal at [faisal@cvm.msu.edu](mailto:faisal@cvm.msu.edu).
- Vandergoot, C.S., P.M. Kocovsky, T.O. Brenden, and W. Liu. 2011. [Selectivity evaluation for two experimental gill-net configurations used to sample Lake Erie walleyes](#). *North American Journal of Fisheries Management* 31:832-842.
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Great Lakes Research 36:29-37. A reprint of this publication can be obtained by contacting T.O. Brenden at [brenden@msu.edu](mailto:brenden@msu.edu).







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