

# List of Reprints by Author

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## Reprint number

### ADAMS, A. K.

- 157a Michigan Conservation, 1949, Vol. 18, No. 2: contains the following articles:  
L. N. Allison. Trout get sick, too (pp. 10-12);  
**A. K. Adams**, Beaver vs. trout (pp. 15-16);  
J. W. Leonard, The Michigan grayling (pp. 24-25);  
A. S. Hazzard, Trout fisheries in New Zealand (pp. 32-34).

### ADAMS, J.V.

- 525 Bowen, Charles A. II, C. R. Bronte, R. L. Argyle, **J. V. Adams**, J. E. Johnson. 1999. Vateritic sagitta in wild and stocked lake trout: applicability to stock origin. Transactions of the American Fisheries Society 128:929-938.

### ADLERSTEIN, S. A.

- 603 **Adlerstein, S. A.**, and S. Ehrich. 2002. Effect of deviations from target speed and of time of day on catch rates of some abundant species under North Sea International Bottom Trawl Survey protocol conditions. Journal of Marine Science 59:594–603.
- 621 **Adlerstein, S. A.**, and S. Ehrich. 2003. Patterns in diel variation of cod catches in North Sea bottom trawl surveys. Fisheries Research 63:169–178.
- 625 Goñi, R., **S. Adlerstein**, F. Alvarez, M. García, P. Sánchez, M. Sbrana, F. Maynou, and C. Viva. 2004. Recruitment indices of European hake, *Merluccius merluccius* (Linnaeus 1758), in the Northwest Mediterranean based on landings from bottom-trawl multispecies fisheries. Journal of Marine Science 61:760–773.
- 642 **Adlerstein, S. A.**, E. S. Rutherford, J. A. Clevenger, J. E. Johnson, D. F. Clapp, and A. P. Woldt. 2007. Lake trout movements in U.S. waters of Lake Huron interpreted from coded wire tag recoveries in recreational fisheries. Journal of Great Lakes Research 33:186–201.
- 675 **Adlerstein, S. A.**, E. S. Rutherford, R. M. Claramunt, D. F. Clapp, and J. A. Clevenger. 2008. Seasonal movements of Chinook salmon in Lake Michigan based on tag recoveries from recreational fisheries and catch rates in gill-net assessments. Transactions of the American Fisheries Society 137:736-750.

**AICHELE, S.**

- 578 Brenden, T. O., R. D. Clark, Jr., A. R. Cooper, P. W. Seelbach, L. Wang, **S. Aichele**, E. G. Bissell, and J. S. Stewart. 2006. A GIS framework for collecting, managing, and analyzing multiscale landscape variables across large regions for river conservation and management. American Fisheries Society Symposium 48:49–74.

**ALEXANDER, G. R.**

- 321 **Alexander, G. R.**, D. S. Shetter. 1961. Seasonal mortality and growth of hatchery-reared brook trout and rainbow trout in East Fish Lake, Montmorency County, Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 46:317-328.
- 330 Shetter, D. S., **G. R. Alexander**. 1962. Effects of a flies-only restriction on angling and on fall trout populations in Hunt Creek, Montmorency County, Michigan. Transactions of the American Fisheries Society 91(3):295-302.
- 359 Shetter, D. S., **G. R. Alexander**. 1965. Results of angling under special and normal trout fishing regulations in a Michigan trout stream. Transactions of the American Fisheries Society 94(3):219-226.
- 364 Shetter, D. S., **G. R. Alexander**. 1966. Angling and trout populations on the North Branch of the Au Sable River, Crawford and Otsego counties, Michigan, under special and normal regulations, 1958-63. Transactions of the American Fisheries Society 95(1):85-91.
- 375 McFadden, J. T., **G. R. Alexander**, and D. S. Shetter. 1967. Numerical changes and population regulation in brook trout *Salvelinus fontinalis*. Journal of the Fisheries Research Board of Canada 24(7):1425-1459.
- 394 **Alexander, G. R.**, D. S. Shetter. 1969. Trout production and angling success from matched plantings of brook trout and rainbow trout in East Fish Lake, Michigan. The Journal of Wildlife Management 33(3):682-692.
- 397 Shetter, D. S., **G. R. Alexander**. 1970. Results of predator reduction on brook trout and brown trout on 4.2 miles (6.76 km) of the North Branch of the Au Sable River. Transactions of the American Fisheries Society 99(2):312-319.
- 434 **Alexander, G. R.**. 1977. Food of vertebrate predators on trout waters in north central lower Michigan. Michigan Academician 10(2):181-195.
- 450 Clark, E. D., Jr., **G. R. Alexander**, and H. Gowing. 1980. Mathematical description of trout-stream fisheries. Transactions of the American Fisheries Society 109(6):587-602.
- 451 Clark, R. D., Jr. **G. R. Alexander**, H. Gowing. 1981. A history and evaluation of regulations for brook trout in Michigan streams. North American Journal of Fisheries Management 1(1):1-14.
- 466 Hansen, E. A., **G. R. Alexander**, W. H. Dunn. 9183. Sand sediment in a Michigan trout stream. Part I. A technique for removing sand bedload from streams., North American Journal of Fisheries Management 3:355-364.

- 467    **Alexander, G. R.**, E. A. Hansen. 1983. Sand sediment in a Michigan trout stream. Part II. Effects of reducing sand bedload on a trout population. North American Journal of Fisheries Management 3:365-372.
- 469    **Alexander, G. R.**, D. R. Peterson. 1983. Trout of Newton Creek, Clare County, Michigan: A transitional zone trout stream. Michigan Academician 16(1):43-61.
- 472    Seelbach, P. W., R. N. Lockwood, **G. R. Alexander**. 1985. A modified inclined-screen trap for catching salmonid smolts in large rivers. North American Journal of Fisheries Management 5:494-498.
- 475    **Alexander, G. R.** 1986. Potential effects of delaying the opening date of fishing season on yield and production of rainbow trout in a small Michigan lake. the Michigan Academician 18:279-285.
- 477    **Alexander, G. R.** 1986. Sand bedload in a brook trout stream. North American Journal of Fisheries Management 6:9-23.
- 481    **Alexander, G. R.** 1987. Comparative growth and survival potential of brown trout (*Salmo trutta*) from four wild stocks and one domestic stock. The Michigan Academician 19:109-119.
- 504    **Alexander, G. R.**, H. Gowing, A. J. Nuhfer. 1991. Population characteristics of Assinica and Temiscamie strains of brook trout in two Michigan lakes. Michigan Academician XXIII, 173-190
- 762    Grossman, G. D., A. Nuhfer, T. Zorn, G. Sundin, and **G. Alexander**. 2012. Population regulation of brook trout (*Salvelinus fontinalis*) in Hunt Creek Michigan: a 50-year study. Freshwater Biology 57:1434-48.

**ALLAN, J. D.**

- 582    Diana, M., **J. D. Allan**, and D. M. Infante. 2006. The influence of physical habitat and land use on stream fish assemblages in southeastern Michigan. American Fisheries Society Symposium 48:359–373.
- 664    Wang, L., T. Brenden, P. Seelbach, A. Cooper, **D. Allan**, R. Clark, Jr., and M. Wiley. 2008. Landscape based identification of human disturbance gradients and reference conditions for Michigan streams. Environmental Monitoring and Assessment 141:1–17.

**ALLEN, J.**

- 542    Nichols, S.J., G. Kennedy, E. Crawforth, **J. Allen**, J. French III, G. Black, M. Blouin, J. Hickey, S. Chernyak, R. Haas, M. Thomas. 2003. Assessment of lake sturgeon (*Acipenser fulvescens*) spawning efforts in the lower St. Clair River, Michigan. Journal of Great Lakes Research, 29(3):383-391.

**ALLISON, L. N.**

- 157a Michigan Conservation, 1949, Vol. 18, No. 2: contains the following articles:  
**L. N. Allison.** Trout get sick, too (pp. 10-12);  
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A. S. Hazzard, Trout fisheries in New Zealand (pp. 32-34).
- 202 Carr, F. V., **L. N. Allison.** 1949. A "quick-change" screen for fish hatchery ponds. The Progressive Fish-Culturist 11:265-266.
- 226 **Allison, L. N.** 1951. Horse liver as the causative factor in white blindness of hatchery brook trout. Transactions of the American Fisheries Society 80:140-147.
- 261 Shetter, D. S., **L. N. Allison.** 1954. Fly fishing only? Michigan Conservation 23(2):12-13.
- 273 **Allison, L. N.** 1954. Advancements in prevention and treatment of parasitic diseases of fish. Transactions of the American Fisheries Society 83:221-228.
- 294 **Allison, L. N.** 1957. Variation in strength of pyridylmercuic acetate technical and its effect on rainbow trout. The Progressive Fish-Culturist 19(3):108-111.
- 301 **Allison, L. N.** 1958. Multiple sulfa therapy of kidney disease among brook trout. The Progressive Fish-Culturist 20(2):66-68.
- 313 **Allison, L. N.** 1960. "Sunburning" fingerling lake trout with ultra-violet light and the effect of a niacin-fortified diet. The Progressive Fish-Culturist 22:114-116.
- 318 **Allison, L. N.** 1961. The effect of tricaine methanesulfonate (M.S. 222) on the motility of brook trout sperm. The Progressive Fish-Culturist 23:46-48.
- 322 **Allison, L. N.** 1961. The fate of kidney disease among hatchery brook trout stocked in natural waters. The Progressive Fish-Culturist 23:76-78.
- 337 **Allison, L. N.** 1962. Cataract among hatchery-reared lake trout. The Progressive Fish-Culturist 24:155.
- 338 **Allison, L. N.** 1962. Cataract in hatchery lake trout. Transactions of the American Fisheries Society 92(1):34-38.
- 350 **Allison, L. N.** 1963. An unusual case of *Hexamita (Octomitus)* among yearling rainbow trout. The Progressive Fish-Culturist 25(4):220.
- 354 **Allison, L. N.** 1951. Delay of spawning in eastern brook trout by means of artificially prolonged light intervals. The Progressive Fish-Culturist 13(3):111-116.
- 369 **Allison, L. N.** 1967. Beggar-ticks cause mortality among fingerling coho salmon. The Progressive Fish-Culturist 29(2):113.
- 379 Wolfert, D. R., V. C. Applegate, **L. N. Allison.** 1967. Infection of the walleye, *Stizostedion vitreum*, of western Lake Erie with *Bothriocephalus cuspidatus* (Cooper). Papers of the Michigan Academy of Science, Arts, and Letters 52:105-114.

**ANDERSON, L. R.**

- 153    **Anderson, L. R.** 1947. A note on the capture of smallmouth bass by angling through the ice. Copeia 1947(3):201.
- 162a    **Anderson, L. R.** 1948. Unusual items in the diet of the northern muskellunge. Copeia 1948(1).

**ANDERSON, R. O.**

- 287    **Anderson, R. O.**, F. F. Hooper. 1956. Seasonal abundance and production of littoral bottom fauna in a southern Michigan lake. Transactions of the American Microscopical Society 75(3):259-270.
- 307    **Anderson, R. O.** 1959. A modified flotation technique for sorting bottom fauna samples. Limnology and Oceanography 4(2):223-225.
- 353    **Anderson, R. O.** 1964. A sugar-flotation method of picking trout eggs. The Progressive Fish-Culturist 26(3):124-126.

**APPLEGATE, V. C.**

- 111    Lagler, K. F., **V. C. Applegate**. 1942. Further studies of the food of the bowfin (*Amia calva*) in southern Michigan, with notes on the inadvisability of using trapped fish in food analysis. Copeia 1942(3):190-191.
- 119a    Lagler, K. F., **V. C. Applegate**. 1943. Relationship between the length and weight in the snapping turtle *Chelydra serpentina* Linnaeus. The American Naturalist 77:476-478.
- 145    Carbine, W. F., **V. C. Applegate**. 1946. Recaptures of tagged walleyes, *Stizostedion vitreum* (Mitchill), in Houghton Lake and the Muskegon River, Roscommon County, Michigan. Copeia 1946(2):97-100.
- 147    **Applegate, V. C.** 1947. The menace of the sea lamprey. Michigan Conservation, May 1947, 16(4):6, 7, and 10.
- 156    **Applegate, V. C.** 1947. Growth of some lake trout, *Cristivomer n. namaycush*, of known age in inland Michigan lakes. Copeia 1947(4):237-241.
- 167    Carbine, W. F., **V. C. Applegate**. 1948. The movement and growth of marked northern pike (*Esox lucius* L.) in Houghton Lake and the Muskegon River. Papers of the Michigan Academy of Science, Arts, and Letters 32:215-238.
- 178    Carbine, W. F., **V. C. Applegate**. 1948. The fish population of Deep Lake, Michigan. Transactions of the American Fisheries Society 75:200-227.
- 195    Michigan Conservation, 1949, Vol. 18, No. 4: contains the following articles:  
H. A. Loeb. A study of Houghton Lake fishing (pp. 7-9);  
**V. C. Applegate**. The sea lamprey in Michigan (pp. 13-15);  
F. G. Fanselow. Public fishing sites (pp. 26-29).

- 217 **Applegate, V. C.** 1950. Natural history of the sea lamprey (*Petromyzon marinus*) in Michigan. U. S. Department of the Interior, Fish and Wildlife Service, Special Scientific Report, Fisheries 55:1-237.
- 223 **Applegate, V. C.** 1951. Sea lamprey investigations. II. Egg development, maturity, egg production, and percentage of unspawned eggs of sea lampreys, *Petromyzon marinus*, captured in several Lake Huron tributaries. Papers of the Michigan Academy of Science, Arts, and Letters 35:71-90.
- 379 Wolfert, D. R., **V. C. Applegate**, L. N. Allison. 1967. Infection of the walleye, *Stizostedion v. vitreum*, of western Lake Erie with *Bothriocephalus cuspidatus* (Cooper). Papers of the Michigan Academy of Science, Arts, and Letters 52:105-114.

**ARGYLE, R.L.**

- 525 Bowen, Charles A. II, C. R. Bronte, **R. L. Argyle**, J. V. Adams, J. E. Johnson. 1999. Vateritic sagitta in wild and stocked lake trout: applicability to stock origin. Transactions of the American Fisheries Society 128:929-938.

**AUER, N. A.**

- 722 Homola, J. J., K. T. Scribner, E. A. Baker, and **N. A. Auer**. 2010. Genetic assessment of straying rates of wild and hatchery reared lake sturgeon (*Acipenser fulvescens*) in Lake Superior tributaries. Journal of Great Lakes Research 36(4):798-802.

**BACON, E. H.**

- 266 **Bacon, E. H.** 1954. Field characters of prolarvae and alevis of brook, brown and rainbow trout in Michigan. Copeia 1954(3):232.

**BAEDER, H. A.**

- 171 **Baeder, H. A.**, P. I. Tack, A. S. Hazzard. 1948. A comparison of the palatability of hatchery-reared and wild brook trout. Transactions of the American Fisheries Society 75:181-185.

**BAGDOVITZ, M. S.**

- 480 **Bagdovitz, M. S.**, W. W. Taylor, W. C. Wagner, J. P. Nicolette, and G. R. Spangler. 1986. Pinksalmon populations in the U. S. waters of Lake Superior, 1981-1984. Journal of Great Lakes Research 12(1):72-81.

**BAKER, E. A.**

- 544 Hayes, D., **E. Baker**, R. Bednarz, D. Borgeson, Jr., J. Braunscheidel, J. Breck, M. Bremigan, A. Harrington, R. Hay, R. Lockwood, A. Nuhfer, J. Schneider, P. Seelbach, J. Waybrant, T. Zorn. 2003. Developing a standardized sampling program: the Michigan experience. Fisheries 28(7):18-25.
- 553 Smith, K. M., **E. A. Baker**. 2005. Characteristics of spawning lake sturgeon in the Upper Black River, Michigan. North American Journal of Fisheries Management 25:301–307.

- 554      **Baker, E. A.**, K. E. Wehrly, P. W. Seelbach, L. Wang, M. J. Wiley, and T. Simon. 2005. A multimetric assessment of stream condition in the Northern Lakes and Forests ecoregion using spatially explicit statistical modeling and regional normalization. *Transactions of the American Fisheries Society* 134:697-710.
- 555      Wang, L., J. Lyons, P. Rasmussen, P. Seelbach, T. Simon, M. Wiley, P. Kanehl, **E. Baker**, S. Niemela, and P. M. Stewart. 2003. Watershed, reach, and riparian influences on stream fish assemblages in the Northern Lakes and Forest Ecoregion, U.S.A. *Canadian Journal of Fisheries and Aquatic Sciences* 60:491–505.
- 595      Wills, T. C., **E. A. Baker**, A. J. Nuhfer, and T. G. Zorn. 2006. Response of the benthic macroinvertebrate community in a northern Michigan stream to reduced summer streamflows. *River Research and Applications* 22:819–836.
- 684      Huckins, C. J., and **E. A. Baker**. 2008. Migrations and biological characteristics of adfluvial coaster brook trout in a south shore Lake Superior tributary. *Transactions of the American Fisheries Society* 137(4):1229-1243.
- 685      Huckins, C. J., **E. A. Baker**, K. D. Fausch, and J. B. K. Leonard. 2008. Ecology and life history of coaster brook trout and potential bottlenecks in their rehabilitation. *North American Journal of Fisheries Management* 28(4):1321-1342.
- 698      Crossman, J. A., P. S. Forsythe, **E. A. Baker**, K. T. Scribner. 2009. Overwinter survival of stocked age-0 lake sturgeon. *Journal of Applied Ichthyology* 25(5):516-521.
- 722      Homola, J. J., K. T. Scribner, **E. A. Baker**, and N. A. Auer. 2010. Genetic assessment of straying rates of wild and hatchery reared lake sturgeon (*Acipenser fulvescens*) in Lake Superior tributaries. *Journal of Great Lakes Research* 36(4):798-802.
- 733      Welsh, A. B., R. F. Elliott, K. T. Scribner, H. R. Quinlan, **E. A. Baker**, B. T. Eggold, J. M. Holtgren, C. C. Krueger, and B. May. 2010. Genetic guidelines for the stocking of lake sturgeon (*Acipenser fulvescens*) in the Great Lakes basin. *Great Lakes Fishery Commission, Miscellaneous Publication* 2010-01, Ann Arbor, Michigan.
- 736      Bauman, J. M., A. Moerke, R. Greil, B. Gerig, **E. Baker**, and J. Chiotti. 2011. Population status and demographics of lake sturgeon (*Acipenser fulvescens*) in the St. Marys River, from 2000 to 2007. *Journal of Great Lakes Research* 37(Supplement 2):47-53.
- 739      Crossman, J. A., P. S. Forsythe, K. T. Scribner, and **E. A. Baker**. 2011. Hatchery rearing environment and age affect survival and movements of stocked juvenile lake sturgeon. *Fisheries Management and Ecology* 18:132-144.
- 740      Crossman, J. A., K. T. Scribner, T. Y. Duong, C. A. Davis, P. S. Forsythe, and **E. A. Baker**. 2011. Gamete and larval collection methods and hatchery rearing environments affect levels of genetic diversity in early life stages of lake sturgeon (*Acipenser fulvescens*). *Aquaculture* 310:312-324.
- 741      Duong, T. Y., K. T. Scribner, J. A. Crossman, P. S. Forsythe, and **E. A. Baker**. 2011. Environmental and maternal effects on embryonic and larval developmental time until dispersal of lake sturgeon (*Acipenser fulvescens*). *Canadian Journal of Fisheries and Aquatic Sciences* 68:643-654.

- 742 Duong, T. Y., K. T. Scribner, J. A. Crossman, P. S. Forsythe, **E. A. Baker**, J. Kanefsky, J. J. Homola, and C. Davis. 2011. Relative larval loss among females during dispersal of Lake Sturgeon (*Acipenser fulvescens*). *Environmental Biology of Fishes* 91:459-469.
- 760 Forsythe, P. S., J. A. Crossman, N. M. Bello, **E. A. Baker**, and K. T. Scribner. 2012. Individual-based analyses reveal high repeatability in timing and location of reproduction in lake sturgeon (*Acipenser fulvescens*). *Canadian Journal of Fisheries and Aquatic Sciences* 69:60-72.
- 761 Forsythe, P. S., K. T. Scribner, J. A. Crossman, A. Ragavendran, **E. A. Baker**, C. Davis, and K. K. Smith. 2012. Environmental and lunar cues are predictive of the timing of river entry and spawning-site arrival in lake sturgeon *Acipenser fulvescens*. *Journal of Fish Biology* 81:35-53.
- 771 Scribner, K., C. Huckins, **E. Baker**, and J. Kanefsky. 2012. Genetic relationships and gene flow between resident and migratory brook trout in the Salmon Trout River. *Journal of Great Lakes Research* 38:152-158.
- 783 Duong, T. Y., K. T. Scribner, P. S. Forsythe , J. A. Crossman,, and **E. A. Baker**. 2013. Interannual variation in effective number of breeders and estimation of effective population size in long-lived iteroparous lake sturgeon (*Acipenser fulvescens*). *Molecular Ecology* 22(5):1282-1294.
- 785 Forsythe, P. S., K. T. Scribner, J. A. Crossman , A. Ragavendran, **E. A. Baker**. 2013. Experimental assessment of the magnitude and sources of Lake Sturgeon egg mortality. *Transactions of the American Fisheries Society* 142(4):1005-1011.
- 788 Hastings, R. P., J. M. Bauman, **E. A. Baker**, and K. T. Scribner. 2013. Post-hatch dispersal of lake sturgeon (*Acipenser fulvescens*, Rafinesque, 1817) yolk-sac larvae in relation to substrate in an artificial stream. *Journal of Applied Ichthyology* 29(6):1208-1213.
- 794 Pledger S., **E. Baker**, and K. Scribner. 2013. Breeding return times and abundance in capture—recapture models. *Biometrics* 69(4):991-1001.
- 801 Crossman, J. A., K. T. Scribner, C. A. Davis, P. S. Forsythe, and **E. A. Baker**. 2014. Survival and growth of Lake Sturgeon during early life stages as a function of rearing environment. *Transactions of the American Fisheries Society* 143(1):104-116.
- 821 Bauman, J. M., **E. A. Baker**, T. L. Marsh, and K. T. Scribner. 2015. Effects of rearing density on total length and survival of lake sturgeon free-embryos. *North American Journal of Aquaculture* 77(4):444-448.
- 844 Bauman, J. M., B. M. Woodward, **E. A. Baker**, T. L. Marsh, and K. T. Scribner. 2016. Effects of family, feeding frequency, and alternate food type on body size and survival of hatchery-produced and wild-caught Lake Sturgeon larvae. *North American Journal of Aquaculture* 78(2):136-144.
- 882 Feringa, M., C. Huckins, W. Mattes, **E. Baker**, T. Zorn, J. Littlefield, and K. Scribner. 2016. Genetic and phenotypic evidence for splake presence in brook trout and lake trout spawning habitats. *Journal of Great Lakes Research* 42:738-742.

**BAKER, J. P.**

- 459     **Baker, J. P.** 1982. Yield per recruitment of inland stocks of lake sturgeon (*Acipenser fulvescens* Rafinesque) in Michigan. *Michigan Academician* 14(4):415-425.

**BAKER, M. E.**

- 528     **Baker, M.E.**, Wiley, M.J., Seelbach, P.W. 2001. GIS-based hydrologic modeling of riparian areas: Implications for stream water quality. *Journal of the American Water Resources Association* 37 (6): 1615-1628.
- 577     Seelbach, P. W., M. J. Wiley, **M. E. Baker**, and K. E. Wehrly. 2006. Initial classification of river valley segments across Michigan's Lower Peninsula. *American Fisheries Society Symposium* 48:25–48.
- 611     **Baker, M. E.**, M. J. Wiley, P. W. Seelbach, and M. L. Carlson. 2003. A GIS model of subsurface water potential for aquatic resource inventory, assessment, and environmental management. *Environmental Management* 32:706–719.

**BALL, R. C.**

- 79       Brown, C. J. D., **R. C. Ball**. 1940. A rowboat crane for hauling limnological sampling apparatus. *Limnological Society of America, Special Publication No. 3*.
- 131      Brown, C. J. D., **R. C. Ball**. 1943. An experiment in the use of derris root (rotenone) on the fish and fish-food organisms of Third Sister Lake. *Transactions of the American Fisheries Society* 72:267-284.
- 132      Brown, C. J. D., **R. C. Ball**. 1943. A fish population study of Third Sister Lake. *Transactions of the American Fisheries Society* 72:177-186.
- 159      **Ball, R. C.** 1947. A tagging experiment on the fish population of Third Sister Lake, Michigan. *Transactions of the American Fisheries Society* 74:360-369.
- 162      **Ball, R. C.** 1948. Relationship between available fish food, feeding habits of fish and total fish production in a Michigan lake. *Michigan State College Agricultural Experiment Station Technical Bulletin* 206.
- 172      **Ball, R. C.** 1945. Recovery of marked fish following a second poisoning of the population in Ford Lake, Michigan. *Transactions of the American Fisheries Society* 75:36-42.
- 173      **Ball, R. C.** 1945. A summary of experiments in Michigan lakes on the elimination of fish populations with rotenone, 1934-42. *Transactions of the American Fisheries Society* 75:139-146.
- 181      **Ball, R. C.** 1948. Fertilization of lakes--good or bad? *Michigan Conservation* 17(9):7-14.
- 193      **Ball, R. C.** 1949. Experimental use of fertilizer in the production of fish-food organisms and fish. *Michigan State College Agricultural Experiment Station, Section of Zoology, Technical Bulletin* 210.

- 201 Patriarche, M. H., **R. C. Ball**. 1949. An analysis of the bottom fauna production in fertilized and unfertilized ponds and its utilization by young-of-the-year fish. Michigan State College Agricultural Experiment Station Bulletin 207.
- 207 **Ball, R. C.** 1950. Fertilization of natural lakes in Michigan. Transactions of the American Fisheries Society 78:145-155.
- 222 **Ball, R. C.**, H. A. Tanner. 1951. The biological effects of fertilizer on a warm-water lake. Michigan State College Agricultural Experiment Station, Technical Bulletin 223.
- 227 Ford, J. R., **R. C. Ball**. 1951. Weight loss on dressing and methods of processing game fish. the Quarterly Bulletin of the Michigan Agricultural Experiment Station, Michigan State College, East Lansing 34(1):65-74.
- 235 **Ball, R. C.**, D. W. Hayne. 1952. Effects of the removal of the fish population on the fish-food organisms of a lake. Ecology 33(1):41-48.
- 239 **Ball, R. C.**, H. D. Tait. 1952. Production of bass and bluegills in Michigan ponds. Michigan State College Agricultural Experimental Station, Technical Bulletin 231.
- 241 **Ball, R. C.** 1952. Farm pond management in Michigan. The Journal of Wildlife Management 16(3):267-269.
- 254 **Ball, R. C.**, J. R. Ford. 1953. Production of food-fish and minnows in Michigan ponds. Quarterly Bulletin of the Michigan Agricultural Experiment Station, Michigan State College, East Lansing 35(3):384-391.
- 257 Hooper, F. F., **R. C. Ball**, and H. A. Tanner. 1953. An experiment in the artificial circulation of a small Michigan lake. Transactions of the American Fisheries Society 82:222-241.
- 279 **Ball, R. C.** 1954. Use of pituitary material in the propagation of minnows. The Progressive Fish-Culturist 16(3):108-113.
- 296 Waters, T. F., **R. C. Ball**. 1957. Lime application to a soft-water unproductive lake in northern Michigan. The Journal of Wildlife Management 21(4):385-391.
- 327 Knight, A., **R. C. Ball**, and F. F. Hooper. 1962. Some estimates of primary production rates in Michigan ponds. Papers of the Michigan Academy of Science, Arts, and Letters 47:219-233.
- 343 **Ball, R. C.**, T. A. Wojtalik, and F. F. Hooper. 1963. Upstream dispersion of radiophosphorus in a Michigan trout stream. Papers of the Michigan Academy of Science, Arts, and Letters 48:57-64.
- 344 **Ball, R. C.**, F. F. Hooper. 1963. Translocation of phosphorus in a trout stream ecosystem. Radioecology: Proceedings of the First National Symposium on Racioecology. 1963:217-228.
- 349 Hooper, F. F., **R. C. Ball**. 1964. Responses of a marl lake to fertilization. Transactions of the American Fisheries Society 93(2):164-173.

- 365 Hooper, F. F., **R. C. Ball**. 1966. Bacterial transport of phosphorus in a stream ecosystem. "Disposal of Radioactive Wastes into Seas, Oceans, and Surface Waters," International Atomic Energy Agency, Vienna 1966:535-549.
- 405 Hamelink, J. L., R. C. Waybrant, **R. C. Ball**. 1971. A proposal: exchange equilibria control the degree chlorinated hydrocarbons are biologically magnified in lentic environments. Transactions of the American Fisheries Society 100(2):207-214.

**BANNERMAN, R. T.**

- 564 Corsi, S. R., J. F. Walker, L. Wang, J. A. Horwatich, and **R. T. Bannerman**. 2005. Effects of best-management practices in Otter Creek in the Sheboygan River priority watershed, Wisconsin, 1990–2002. U.S. Geological Survey, Scientific Investigations Report.

**BARNES, M. E.**

- 552 **Barnes, M. E.**, and G. E. Whelan. 2004. Visitor policies and practices at public trout and salmon hatcheries in North America. Fisheries 29(10):16–21.

**BARTRON, M. L.**

- 558 **Bartron, M. L.**, D. R. Swank, E. S. Rutherford, and K. T. Scribner. 2004. Methodological bias in estimates of strain composition and straying of hatchery-produced steelhead in Lake Michigan tributaries. North American Journal of Fisheries Management 24:1288–1299.
- 623 **Bartron, M. L.**, and K. T. Scribner. 2004. Temporal comparisons of genetic diversity in Lake Michigan steelhead, *Oncorhynchus mykiss*, populations: effects of hatchery supplementation. Environmental Biology of Fishes 69:395–407.

**BEARD, JR., T. D.**

- 517 **Beard, Jr., T. D.**, M. T. Drake, J. E. Breck, N. A. Nate. 1997. Effects of simulated angling regulations on stunting in bluegill populations. North American Journal of Fisheries Management 17:525-532.

**BEATTY, L. D.**

- 299 **Beatty, L. D.**, F. F. Hooper. 1957. Benthic associations of Sugarloaf Lake. Papers of the Michigan Academy of Science, Arts, and Letters 42:89-106.

**BECKMAN, W. C.**

- 92 **Beckman, W. C.** 1941. Meet Mr. Bluegill. Michigan Conservation 10(7):6,7,11.
- 97 **Beckman, W. C.** 1941. Increased growth rate of rock bass, *Ambloplites rupestris* (Rafinesque), following reduction in the density of the population. Transactions of the American Fisheries Society 70:143-148.
- 103 **Beckman, W. C.** 1942. Length-weight relationship, age, set ratio and food habits of the smelt (*Osmerus mordax*) from Crystal Lake, Benzie County, Michigan. Copeia 1942(2):120-124.

- 112 **Beckman, W. C.** 1943. Annulus formation on the scales of certain Michigan game fishes. *Papers of the Michigan Academy of Science, Arts, and Letters* 28:281-312.
- 130 **Beckman, W. C.** 1943. Further studies on the increased growth rate of the rock bass *Ambloplites rupestris* (Rafinesque), following the reduction in density of the population. *Transactions of the American Fisheries Society* 72:72-78.
- 151 **Beckman, W. C.** 1947. A look at a lake. *Michigan Conservation* 16(6):6, 7.
- 169 **Beckman, W. C.** 1948. The age and growth of fishes. *Michigan Conservation* 17(7):8, 9.
- 176 **Beckman, W. C.** 1948. The length-weight relationship, factors for conversions between standard and total lengths, and coefficients of condition for seven Michigan fishes. *Transactions of the American Fisheries Society* 75:237-256.
- 188 **Beckman, W. C.** 1949. The rate of growth and sex ratio for seven Michigan fishes. *Transactions of the American Fisheries Society* 76:63-81.
- 206 **Beckman, W. C.** 1950. Changes in growth rates of fishes following reduction in population densities by winterkill. *Transactions of the American Fisheries Society* 78:82-90

**BEDNARZ, R.**

- 544 Hayes, D., E. Baker, **R. Bednarz**, D. Borgeson, Jr., J. Braunscheidel, J. Breck, M. Bremigan, A. Harrington, R. Hay, R. Lockwood, A. Nuhfer, J. Schneider, P. Seelbach, J. Waybrant, T. Zorn. 2003. Developing a standardized sampling program: the Michigan experience. *Fisheries* 28(7):18-25.

**BEETON, A. M.**

- 283 **Beeton, A. M.** 1956. Food habits of the burbot (*Lota lota lacustris*) in the White River, a Michigan trout stream. Reprinted by *Copeia* 1956(1):58-60.
- 376 **Beeton, A. M.**, S. H. Smith, F. F. Hooper. 1967. Physical limnology of Saginaw Bay, Lake Huron. Great Lakes Fishery Commission Technical Report No. 12.
- 396 Schneider, J. C., F. F. Hooper, **A. M. Beeton**. 1969. The distribution and abundance of benthic fauna in Saginaw Bay, Lake Huron. *Proceedings of the 12th Conference on Great Lakes Research* 1969:80-90.

**BELETSKY, D.**

- 557 **Beletsky, D.**, D. Schwab, D. Mason, E. Rutherford, M. McCormick, H. Vanderploeg, and J. Janssen. 2003. Modeling the transport of larval yellow perch in Lake Michigan. *ASCE Conf. Proc.* 145, 28.
- 657 **Beletsky, D.**, D. M. Mason, D. J. Schwab, E. S. Rutherford, J. Janssen, D. F. Clapp, and J. M. Dettmers. 2007. Biophysical model of larval yellow perch advection and settlement in Lake Michigan. *Journal of Great Lakes Research* 33:842–866.

**BELONGER, B. J.**

- 551 Fitzgerald, D. G., D. F. Clapp, and **B. J. Belonger**. 2004. Characterization of growth and winter survival of age-0 yellow perch in Southeastern Lake Michigan. *Journal of Great Lakes Research* 30(2):227–240.

**BENCE, J. R.**

- 521 Sitar, S. P., **J. R. Bence**, J. E. Johnson, W. W. Taylor. 1997. Sea lamprey wounding rates on lake trout in Lake Huron, 1984-1994. *Michigan Academician* XXIX, 21-37.
- 524 Sitar, S. P., **J. R. Bence**, J. E. Johnson, M. P. Ebener, W. W. Taylor. 1999. Lake trout mortality and abundance in southern Lake Huron. *North American Journal of Fisheries Management* 19:881-900.
- 546 Stewart-Oaten, A., and **J. R. Bence**. 2001. Temporal and spatial variation in environmental impact assessment. *Ecological Monographs* 71:305–339.
- 563 Madenjian, C. P., T. O. Höök, E. S. Rutherford, D. M. Mason, T. E. Croley II, E. B. Szalai, and **J. R. Bence**. 2005. Recruitment variability of alewives in Lake Michigan. *Transactions of the American Fisheries Society* 134:218–230.
- 602 Madenjian, C. P., G. L. Fahnenstiel, T. H. Johengen, T. F. Nalepa, H. A. Vanderploeg, G. W. Fleischer, P. J. Schneeberger, D. M. Benjamin, E. B. Smith, **J. R. Bence**, E. S. Rutherford, D. S. Lavis, D. M. Robertson, D. J. Jude, and M. P. Ebener. 2002. Dynamics of the Lake Michigan food web, 1970–2000. *Canadian Journal of Fisheries and Aquatic Sciences* 59:736–753.
- 607 Krause, A. E., D. B. Hayes, **J. R. Bence**, C. P. Madenjian, and R. M. Stedman. 2002. Measurement error associated with surveys of fish abundance in Lake Michigan. *Journal of Great Lakes Research* 28:44–51.
- 610 Wilberg, M. J., **J. R. Bence**, and J. E. Johnson. 2002. Survival of juvenile lake trout stocked in western Lake Huron during 1974–1992. *North American Journal of Fisheries Management* 22:213–218.
- 612 Rutter, M. A., and **J. R. Bence**. 2003. An improved method to estimate sea lamprey wounding rate on hosts with application to lake trout in Lake Huron. *Journal of Great Lakes Research* 29 (Supplement 1):320–331.
- 613 Ebener, M. P., **J. R. Bence**, R. A. Bergstedt, and K. M. Mullett. 2003. Classifying sea lamprey marks on Great Lakes lake trout: observer agreement, evidence on healing times between classes, and recommendations for reporting of marking statistics. *Journal of Great Lakes Research* 29 (Supplement 1):283–296.
- 614 **Bence J. R.**, R. A. Bergstedt, G. C. Christie, P. A. Cockran, M. P. Ebener, J. F. Koonce, M. A. Rutter, and W. D. Swink. 2003. Sea lamprey (*Petromyzon marinus*) parasite-host interactions in the Great Lakes. *Journal of Great Lakes Research* 29 (Supplement 1):253–282.

- 615 Stewart, T. J., **J. R. Bence**, R. A. Bergstedt, M. P. Ebener, F. Lupi, and M. A. Rutter. 2003. Recommendations for assessing sea lamprey damages: toward optimizing the control program in the Great Lakes. *Journal of Great Lakes Research* 29 (Supplement 1):783–793.
- 616 **Bence, J. R.**, and K. D. Smith. 1999. An overview of recreational fisheries of the Great Lakes. Pages 259–306 in W. W. Taylor, and P. Fererri, editors. *Great Lakes fisheries policy and management: a binational perspective*.
- 617 Haeseker, S. L., M. L. Jones, and **J. R. Bence**. 2003. Estimating uncertainty in the stock-recruitment relationship for St. Marys River sea lampreys. *Journal of Great Lakes Research* 29 (Supplement 1):728–741.
- 620 Szalai, E. B., G. W. Fleischer, and **J. R. Bence**. 2003. Modeling time-varying growth using a generalized von Bertalanffy model with application to bloater (*Coregonus hoyi*) growth dynamics in Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences* 60:55–66.
- 626 Wilberg, M. J., **J. R. Bence**, B. T. Eggold, D. Makauskas, and D. F. Clapp. 2005. Yellow perch dynamics in southwestern Lake Michigan during 1986–2002. *North American Journal of Fisheries Management* 25:1130–1152.
- 627 Radomski, P., **J. R. Bence**, and T. J. Quinn II. 2005. Comparison of virtual population analysis and statistical kill-at-age analysis for a recreational, kill-dominated fishery. *Canadian Journal of Fisheries and Aquatic Sciences* 62:436–452.
- 640 He, J. X., and **J. R. Bence**. 2007. Modeling annual growth variation using a hierarchical Bayesian approach and the von Bertalanffy growth function, with application to lake trout in southern Lake Huron. *Transactions of the American Fisheries Society* 136:318–330.
- 646 Wilberg, M. J., and **J. R. Bence**. 2006. Performance of time-varying catchability estimators in statistical catch-at-age analysis. *Canadian Journal of Fisheries and Aquatic Sciences* 63:2275–2285.
- 659 Wagner, T., **J. R. Bence**, M. T. Bremigan, D. B. Hayes, and M. J. Wilberg. 2007. Regional trends in fish mean length at age: components of variance and the statistical power to detect trends. *Canadian Journal of Fisheries and Aquatic Sciences* 64:968–978.
- 666 He, J. X., **J. R. Bence**, J. E. Johnson, D. F. Clapp, and M. P. Ebener. 2008. Modeling variation in mass-length relations and condition indices of lake trout and Chinook salmon in Lake Huron: a hierarchical Bayesian approach. *Transactions of the American Fisheries Society* 137:801–817.
- 670 Jonas, J. L., D. F. Clapp, **J. R. Bence**, and M. E. Holey. 2005. Salmonine community. Pages 33-47 in M. E. Holey and T. N. Trudeau, editors. *The state of Lake Michigan in 2000*. Great Lakes Fishery Commission, Special Publication 05-01, Ann Arbor, Michigan.
- 700 Deroba, J. J., and **J. R. Bence**. 2009. Developing model-based indices of lake whitefish abundance using commercial fishery catch and effort data in lakes Huron, Michigan, and Superior. *North American Journal of Fisheries Management* 29:50–63.

- 702 Jones, M. L., and **J. R. Bence**. 2009. Uncertainty and fishery management in the North American Great Lakes: Lessons from applications of decision analysis. Pages 1059-1081 in C.C. Krueger and C.E. Zimmerman, editors. Pacific salmon: ecology and management of western Alaska's populations. American Fisheries Society, Symposium 70, Bethesda, Maryland.
- 703 Jones, M. L., B. J. Irwin, G. J. A. Hansen, H. A. Dawson, A. J. Treble, W. Liu, W. Dai, and **J. R. Bence**. 2009. An operating model for the integrated pest management of Great Lakes Sea Lampreys. *The Open Fish Science Journal* (2):59-73.
- 718 Fenichel, E. P., R. D. Horan, and **J. R. Bence**. 2010. Indirect management of invasive species through bio-controls: a bioeconomic model of salmon and alewife in Lake Michigan. *Resource and Energy Economics* 32:500-518.
- 725 Madenjian, C. P., S. A. Pothoven, P. J. Schneeberger, M. P. Ebener, L. C. Mohr, T. F. Nalepa, and **J. R. Bence**. 2010. Dreissenid mussels are not a “dead end” in Great Lakes food webs. *Journal of Great Lakes Research* 36:73-77.
- 737 Brenden, T. O., **J. R. Bence**, B. F. Lantry, J. R. Lantry, and T. Schaner. 2011. Population dynamics of Lake Ontario lake trout during 1985-2007. *North American Journal of Fisheries Management* 31(5):962-979.
- 744 Irwin, B. J., M. J. Wilberg, M. L. Jones, and **J. R. Bence**. 2011. Applying structured decision making to recreational fisheries management. *Fisheries* 36(3):113-122.
- 746 Linton, B. C., and **J. R. Bence**. 2011. Catch-at-age assessment in the face of time-varying selectivity. *ICES Journal of Marine Science* 68(3):611-625.
- 789 Irwin, B. J., T. Wagner , **J. R. Bence**, M. V. Kepler, W. Liu, and D. B. Hayes. 2013. Estimating spatial and temporal components of variation for fisheries count data using negative binomial mixed models. *Transactions of the American Fisheries Society* 142(1):171-183.
- 797 Wagner, T., B. J. Irwin, **J. R. Bence**, and D. B. Hayes. 2013. Detecting temporal trends in freshwater fisheries surveys: statistical power and the important linkages between management questions and monitoring objectives. *Fisheries* 38(7):309-319.
- 802 Fielder, D. G., and **J. R. Bence**. 2014. Integration of auxiliary information in statistical catch-at-age (SCA) analysis of the Saginaw Bay stock of Walleye in Lake Huron. *North American Journal of Fisheries Management* 34(5):970-987.
- 819 Tsehay, 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(2):420-437.
- 822 Brenden, T. O., **J. R. Bence**, W. Liu, I. Tsehay, and K. T. Scribner. 2015. Comparison of the accuracy and consistency of likelihood-based estimation routines for genetic stock identification. *Methods in Ecology and Evolution* 6(7):817-827.
- 823 Brenden, T. O., K. T. Scribner, **J. R. Bence**, I. Tsehay, J. Kanefsky, C. S. Vandergoot, and D. G. Fielder. 2015. Contributions of Lake Erie and Lake St. Clair Walleye populations to the Saginaw Bay, Lake Huron, recreational fishery: evidence from genetic stock identification. *North American Journal of Fisheries Management* 35(3):567-577.

- 828 He, J. X., **J. R. Bence**, C. P. Madenjian, S. A. Pothoven, N. E. Dobiesz, D. G. Fielder, J. E. Johnson, M. P. Ebener, R. A. Cottrill, L. C. Mohr, and S. R. Koproski. 2015. Coupling age-structured stock assessment and fish bioenergetics models: a system of time-varying models for quantifying piscivory patterns during the rapid trophic shift in the main basin of Lake Huron. *Canadian Journal of Fisheries and Aquatic Sciences* 72:7-23.
- 845 **Bence, J. R.**, C. P Madenjian, J. X. He, D. G. Fielder, S. A. Pothoven, N. E. Dobiesz, J. E. Johnson, M. P. Ebener, R. A. Cottrill, L. C. Mohr, and S. R. Koproski. 2016. Reply to comments by Riley and Dunlop on He et al. (2015). *Canadian Journal of Fisheries and Aquatic Sciences* 73(5):865-868.
- 847 Fielder, D. G., M. L. Jones, and **J. R. Bence**. 2016. Use of a structured approach to the analysis of management options and value of information for a recreationally exploited fish population: a case study of Walleyes in Saginaw Bay. *North American Journal of Fisheries Management* 36(2):407-420.
- 853 Tsehaye, I., T. O. Brenden, **J. R. Bence**, W. Liu, K. T. Scribner, J. Kanefsky, K. Bott, and R. F. Elliott. 2016. Combining genetics with age/length data to estimate temporal changes in year-class strength of source populations contributing to mixtures. *Fisheries Research* 173:236-249.
- 878 Clark, R. D., Jr., **J. R. Bence**, R. M. Claramunt, J. E. Johnson, D. Gonder, N. D. Legler, S. R. Robillard, and B. D. Dickinson. 2016. A spatially explicit assessment of changes in Chinook Salmon fisheries in Lakes Michigan and Huron from 1986 to 2011. *North American Journal of Fisheries Management* 36:1068-1083.
- 885 He, J. X., **J. R. Bence**, E. F. Roseman, D. G. Fielder, and M. P. Ebener. 2016. Using time-varying asymptotic length and body condition of top piscivores to indicate ecosystem regime shift in the main basin of Lake Huron: a Bayesian hierarchical modeling approach. *Canadian Journal of Fisheries and Aquatic Sciences* 73:1092-1103.

**BENSON, N. G.**

- 232 Cooper, E. L., **N. G. Benson**. 1951. The coefficient of condition of brook, brown, and rainbow trout in the Pigeon River, Otsego County, Michigan. *The Progressive Fish-Culturist* 13:181-192.
- 260 **Benson, N. G.** 1953. The importance of ground water to trout populations in the Pigeon River, Michigan. *Transactions of the Eighteenth North American Wildlife Conference* 1953:269-281.
- 272 **Benson, N. G.** 1954. Seasonal fluctuations in the feeding of brook trout in the Pigeon River, Michigan. *Transactions of the American Fisheries Society* 83:76-83.
- 278 **Benson, N. G.** 1955. Observations on anchor ice in a Michigan trout stream. *Ecology* 36(3):529-530.

**BEYERLE, G. B.**

- 374 **Beyerle, G. B.**, J. E. Williams. 1967. Attempted control of bluegill reproduction in lakes by the application of copper sulfate crystals to spawning nests. *The Progressive Fish-Culturist* 29(3):150-155.

- 384    **Beyerle, G. B.**, J. E. Williams. 1968. Some observations of food selectivity by northern pike in aquaria. Transactions of the American Fisheries Society 97(1):28-31.
- 402    **Beyerle, G. B.** 1971. A study of two northern pike-bluegill populations. Transactions of the American Fisheries Society 100(1):69-73.
- 413    **Beyerle, G. B.**, J. E. Williams. 1973. Contribution of northern pike fingerlings raised in a managed marsh to the pike population of an adjacent lake. The Progressive Fish-Culturist 35(2):99-103.
- 419    **Beyerle, G. B.** 1975. Summary of attempts to raise walleye fry and fingerlings on artificial diets, with suggestions on needed research and procedures to be used in future tests. The Progressive Fish-Culturist 37(2):103-105.
- 437    **Beyerle, G. B.** 1978. Hatchery-reared fingerling walleyes unharmed by diet change from pellets to spiny-rayed prey fish. The Progressive Fish-Culturist 40(3):93.
- 438    **Beyerle, G. B.** 1978. Survival, growth, and vulnerability to angling of northern pike and walleyes stocked as fingerlings in small lakes with bluegills or minnows. American Fisheries Society Special Publication 11:135-139.
- 484    Siler, D. H., **G. B. Beyerle**. 1986. Introduction and management of northern muskellunge in Iron Lake, Michigan. the American Fisheries Society 15:257-262.

**BIETTE, R. M.**

- 461    **Biette, R. M.**, D. P. Dodge, R. L. Hassinger, T. M. Stauffer. 1981. Life history and timing of migrations and spawning behavior of rainbow trout (*Salmo gairdneri*) populations of the Great Lakes. Canadian Journal of Fisheries and Aquatic Sciences 38(12):1759-1771.

**BISSELL, E. G.**

- 578    Brenden, T. O., R. D. Clark, Jr., A. R. Cooper, P. W. Seelbach, L. Wang, S. Aichele, **E. G. Bissell**, and J. S. Stewart. 2006. A GIS framework for collecting, managing, and analyzing multiscale landscape variables across large regions for river conservation and management. American Fisheries Society Symposium 48:49–74.
- 791    Kolb, T. L., E. A. Blukacz-Richards, A. M. Muir, R. M. Claramunt, M. A. Koops, W. W. Taylor, T. M. Sutton, M. T. Arts, and **E. Bissell**. 2013. How to manage data to enhance their potential for synthesis, preservation, sharing, and reuse—a Great Lakes case study. Fisheries 38(2):52-64.

**BLACK, G.**

- 542    Nichols, S.J., G. Kennedy, E. Crawforth, J. Allen, J. French III, **G. Black**, M. Blouin, J. Hickey, S. Chernyak, R. Haas, M. Thomas. 2003. Assessment of lake sturgeon (*Acipenser fulvescens*) spawning efforts in the lower St. Clair River, Michigan. Journal of Great Lakes Research, 29(3):383-391.

**BLOUIN, M.**

- 542 Nichols, S.J., G. Kennedy, E. Crawforth, J. Allen, J. French III, G. Black, **M. Blouin, J. Hickey, S. Chernyak, R. Haas, M. Thomas.** 2003. Assessment of lake sturgeon (*Acipenser fulvescens*) spawning efforts in the lower St. Clair River, Michigan. *Journal of Great Lakes Research*, 29(3):383-391

**BOASE, J.**

- 682 Fielder, D. G., A. Liskauskas, L. C. Mohr, and **J. Boase.** 2008. Nearshore fish community. Pages 47-51 in J. R. Bence and L. C. Mohr, editors. *The state of Lake Huron in 2004. Great Lakes Fishery Commission Special Publication 08-01*, Ann Arbor, Michigan.
- 697 Craig, J. M., D. M. Papoulias, M. V. Thomas, M. L. Annis, and J. Boase. 2009. Sex assignment of lake sturgeon (*Acipenser fluvescens*) based on plasma sex hormone and vitellogenin levels. *Journal of Applied Ichthyology* 25 (Suppl. 2):60-67.
- 784 Fielder, D. G., A. Liskauskas, L. Mohr, and **J. Boase.** 2013. Status of nearshore fish communities. Pages 60-70 in S. Riley, editor. *The State of Lake Huron in 2010. Great Lakes Fishery Commission, Special Publication 13-01*, Ann Arbor, Michigan.

**BORGESON, D. P.**

- 454 **Borgeson, D. P.** 1981. Changing management of Great Lakes fish stocks. *Canadian Journal of Fisheries and Aquatic Sciences* 38(12):1466-1468.

**BORGESON, D., JR.**

- 544 Hayes, D., E. Baker, R. Bednarz, **D. Borgeson, Jr.,** J. Braunscheidel, J. Breck, M. Bremigan, A. Harrington, R. Hay, R. Lockwood, A. Nuhfer, J. Schneider, P. Seelbach, J. Waybrant, T. Zorn. 2003. Developing a standardized sampling program: the Michigan experience. *Fisheries* 28(7):18-25.

**BORUTSKY, E. V.**

- 286 **Borutsky, E. V.** 1939. Dynamics of the total benthic biomass in the profundal of Lake Beloie. *Proceedings of the Kossino Limnological Station of The Hydrometeorological Service of U.S.S.R.*, Vol. 22, 1939, pp. 196-218. Translated from the Russia by Michael Ovchynnyk.

**BOWEN, II, C. A.**

- 514 Eshenroder, R. L., N. R. Payne, J. E. Johnson, **C. Bowen II,** M. P. Ebener. 1995. Lake trout rehabilitation in Lake Huron. *Journal of Great Lakes Research* 21 (Supplement 1):108-127.
- 525 **Bowen, Charles A. II,** C. R. Bronte, R. L. Argyle, J. V. Adams, J. E. Johnson. 1999. Vateritic sagitta in wild and stocked lake trout: applicability to stock origin. *Transactions of the American Fisheries Society* 128:929-938.

**BRANSON, B. A.**

- 380      **Branson, B. A.**, G. U. Ulrikson. 1967. Morphology and histology of the branchial apparatus in percid fishes of the genera *Percina*, *Etheostoma*, and *Ammocrypta* (Percidae: Percinae: Etheostomatini). Transactions of the American Fisheries Society 86(4):371-389.

**BRAUNSCHIEDEL, J.**

- 544      Hayes, D., E. Baker, R. Bednarz, D. Borgeson, Jr., **J. Braunschedel**, J. Breck, M. Bremigan, A. Harrington, R. Hay, R. Lockwood, A. Nuhfer, J. Schneider, P. Seelbach, J. Waybrant, T. Zorn. 2003. Developing a standardized sampling program: the Michigan experience. Fisheries 28(7):18-25.

**BRAVENER, G.**

- 591      Fitzsimons, J. D., B. Williston, G. Williston, **G. Bravener**, J. L. Jonas, R. M. Claramunt, J. E. Marsden, and B. J. Ellrott. 2006. Laboratory estimates of salmonine egg predation by round gobies (*Neogobius melanostomus*), sculpins (*Cottus cognatus* and *C. bairdi*), and crayfish (*Orconectes propinquus*). Journal of Great Lakes Research 32:227–241.

**BRECK, J. E.**

- 506      **Breck, James E.** 1993. Hurry up and wait: growth of young bluegills in ponds and in simulations with an individual-based model. Transactions of the American Fisheries Society 122:467-480.
- 507      **Breck, James E.** 1993. Foraging theory and piscivorous fish: are forage fish just big zooplankton? Transactions of the American Fisheries Society 122:902-911.
- 517      Beard, Jr., T. D., M. T. Drake, **J. E. Breck**, N. A. Nate. 1997. Effects of simulated angling regulations on stunting in bluegill populations. North American Journal of Fisheries Management 17:525-532.
- 544      Hayes, D., E. Baker, R. Bednarz, D. Borgeson, Jr., J. Braunschedel, **J. Breck**, M. Bremigan, A. Harrington, R. Hay, R. Lockwood, A. Nuhfer, J. Schneider, P. Seelbach, J. Waybrant, T. Zorn. 2003. Developing a standardized sampling program: the Michigan experience. Fisheries 28(7):18-25.
- 598      Schaeffer, J. S., R. C. Haas, J. S. Diana, and **J. E. Breck**. 1999. Field test of two energetic models for yellow perch. Transactions of the American Fisheries Society 128:414–435.
- 634      Wagner, T., M. T. Bremigan, K. S. Cheruvellil, P. A. Soranno, N. A. Nate, and **J. E. Breck**. 2006. A multilevel modeling approach to assessing regional and local landscape features for lake classification and assessment of fish growth rates. Environmental Monitoring and Assessment 130:437–454.
- 663      Latta, W. C., **J. E. Breck**, and E. R. Marshall Duchon. 2008. Species-area and latitudinal patterns for Michigan fishes. American Midland Naturalist 159:349–363.
- 665      **Breck, J. E.** 2008. Enhancing bioenergetics models to account for dynamic changes in fish body composition and energy density. Transactions of the American Fisheries Society 137:340–356.

- 732 Wang, L., K. Wehrly, **J. E. Breck**, and L. Szabo Kraft. 2010. Landscape-based assessment of human disturbance for Michigan lakes. *Environmental Management* 46:471-483.
- 774 Wehrly, K. E., **J. E. Breck**, L. Wang, and L. Szabo-Kraft. 2012. A landscape-based classification of fish assemblages in sampled and unsampled lakes. *Transactions of the American Fisheries Society* 141(2):414-425.
- 775 Wehrly, K. E., **J. E. Breck**, L. Wang, and L. Szabo-Kraft. 2012. Assessing local and landscape patterns of residential shoreline development in Michigan lakes. *Lake and Reservoir Management* 28(2):158-169.
- 779 Canale, R. P., and **J. E. Breck**. 2013. Comments on proper (and improper) solutions of bioenergetic equations for modeling fish growth. *Aquaculture* 404-405:41-46.
- 780 Canale, R. P., **J. E. Breck**, K. D. Shearer, and K. G. Neely. 2013. Validation of a bioenergetic model for juvenile salmonid hatchery production using growth data from independent laboratory feeding studies. *Aquaculture* 416-417:228-237.
- 799 **Breck, J. E.** 2014. Body composition in fishes: body size matters. *Aquaculture* 433:40-49.
- 839 Tsehay, I., M. L. Jones, B. J. Irwin, D. G. Fielder, **J. E. Breck**, and D. R. Luukkonen. 2015. A predictive model to inform adaptive management of double-crested cormorants and fisheries in Michigan. *Natural Resource Modeling* 28(3):348-376.

**BREHMER, M. L.**

- 310 Grzenda, A. R., **M. L. Brehmer**. 1960. A quantitative method for the collection and measurement of stream periphyton. *Limnology and Oceanography* 5(2):190-194

**BREMIGAN, M. T.**

- 540 Seelbach, P. W., M. J. Wiley, P. A. Soranno, **M. T. Bremigan**. 2002. Aquatic conservation planning: using landscape maps to predict ecological reference conditions for specific waters. Reprinted in *Concepts and Applications of Landscape Ecology in Biological Conservation*. Chapter 24, pp. 454-478.
- 543 Mistak, J. L., D. B. Hayes, **M. T. Bremigan**. 2003. Food habits of coexisting salmonines above and below Stornach Dam in the Pine River, Michigan. *Environmental Biology of Fishes* 67: 179-190.
- 544 Hayes, D., E. Baker, R. Bednarz, D. Borgeson, Jr., J. Braunscheidel, J. Breck, **M. Bremigan**, A. Harrington, R. Hay, R. Lockwood, A. Nuhfer, J. Schneider, P. Seelbach, J. Waybrant, T. Zorn. 2003. Developing a standardized sampling program: the Michigan experience. *Fisheries* 28(7):18-25.
- 604 Valley, R. D., and **M. T. Bremigan**. 2002. Effects of macrophyte bed architecture on largemouth bass foraging: implications of exotic macrophyte invasions. *Transactions of the American Fisheries Society* 131:234–244.
- 605 Valley, R. D., and **M. T. Bremigan**. 2002. Effects of selective removal of Eurasian watermilfoil on age-0 largemouth bass piscivory and growth in southern Michigan lakes. *Journal of Aquatic Plant Management* 40:79–87.

- 622 Nate, N. A., M. A. Bozek, M. J. Hansen, C. W. Ramm, **M. T. Bremigan**, and S. W. Hewett. 2003. Predicting the occurrence and success of walleye populations from physical and biological features of northern Wisconsin lakes. *North American Journal of Fisheries Management* 23:1207–1214.
- 624 Wills, T. C., **M. T. Bremigan**, and D. B. Hayes. 2004. Variable effects of habitat enhancement structures across species and habitats in Michigan reservoirs. *Transactions of the American Fisheries Society* 133:399–411.
- 628 Nate, N. A., and **M. T. Bremigan**. 2005. Comparison of mean length at age and growth parameters of bluegills, largemouth bass, and yellow perch from length-stratified subsamples and samples in Michigan lakes. *North American Journal of Fisheries Management* 25:1486–1492
- 629 Cheruvilil, K. S., N. A. Nate, P. A. Soranno, and **M. T. Bremigan**. 2005. Lack of a unimodal relationship between fish growth and macrophyte cover in 45 north temperate lakes. *Arch. Hydrobiol.* 164(2):193–215.
- 632 Wagner, T., D. B. Hayes, and **M. T. Bremigan**. 2006. Accounting for multilevel data structures in fisheries data using mixed models. *Fisheries* 31(4):180–187.
- 633 Wagner, T., A. K. Jubar, and **M. T. Bremigan**. 2006. Can habitat alteration and spring angling explain largemouth bass net success? *Transactions of the American Fisheries Society* 135:843–852.
- 634 Wagner, T., **M. T. Bremigan**, K. S. Cheruvilil, P. A. Soranno, N. A. Nate, J. E. Breck. 2006. A multilevel modeling approach to assessing regional and local landscape features for lake classification and assessment of fish growth rates. *Environmental Monitoring and Assessment* 130:437–454.
- 659 Wagner, T., J. R. Bence, **M. T. Bremigan**, D. B. Hayes, and M. J. Wilberg. 2007. Regional trends in fish mean length at age: components of variance and the statistical power to detect trends. *Canadian Journal of Fisheries and Aquatic Sciences* 64:968–978.
- 729 Soranno, P. A., K. S. Cheruvilil, K. E. Webster, **M. T. Bremigan**, T. Wagner, and C. A. Stow. 2010. Using landscape limnology to classify freshwater ecosystems for multi-ecosystem management and conservation. *BioScience* 60(6):440-454.
- 765 Hessenauer, J. M., **M. T. Bremigan**, and K. T. Scribner. 2012. Genetic pedigree reconstruction facilitates lakewide estimates of age-0 largemouth bass dispersal. *Transactions of the American Fisheries Society* 141(6):1672–1681.
- 807 Hessenauer, J. M., **M. T. Bremigan**, and K. T. Scribner. 2014. Genetic pedigree reconstruction detects bias in Largemouth Bass nest sampling procedures. *North American Journal of Fisheries Management* 34(1):175-183.
- 808 Hessenauer, J. M., **M. T. Bremigan**, and K. T. Scribner. 2014. Using the right tool for the right job should include validation when possible: response to comment. *North American Journal of Fisheries Management* 34(6):1207-1210.

**BRENDEN, T. O.**

- 578 **Brenden, T. O.**, R. D. Clark, Jr., A. R. Cooper, P. W. Seelbach, L. Wang, S. Aichele, E. G. Bissell, and J. S. Stewart. 2006. A GIS framework for collecting, managing, and analyzing multiscale landscape variables across large regions for river conservation and management. American Fisheries Society Symposium 48:49–74.
- 654 **Brenden, T. O.**, L. Wang, P. W. Seelbach, R. D. Clark, Jr., M. J. Wiley, and B. L. Sparks-Jackson. 2008. A spatially constrained clustering program for river valley segment delineation from GIS digital river networks. Environmental Modelling & Software 23:638–649.
- 655 **Brenden, T. O.**, L. Wang, R. D. Clark, Jr., P. W. Seelbach, and J. Lyons. 2007. Comparison between model-predicted and field-measured stream habitat features for evaluating fish assemblage-habitat relationships. Transactions of the American Fisheries Society 136:580–592.
- 664 Wang, L., **T. Brenden**, P. Seelbach, A. Cooper, D. Allan, R. Clark, Jr., and M. Wiley. 2008. Landscape based identification of human disturbance gradients and reference conditions for Michigan streams. Environmental Monitoring and Assessment 141:1–17.
- 676 **Brenden, T. O.**, L. Wang, and P. W. Seelbach. 2008. A river valley segment classification of Michigan streams based on fish and physical attributes. Transactions of the American Fisheries Society 137:1621–1636.
- 677 **Brenden, T. O.**, L. Wang, and Z. Su. 2008. Quantitative identification of disturbance thresholds in support of aquatic resource management. Environmental Management 42:821–832.
- 710 Wehrly, K. E., **T. O. Brenden**, and L. Wang. 2009. A comparison of statistical approaches for predicting stream temperatures across heterogeneous landscapes. Journal of the American Water Resources Association 45 (4):986-997.
- 737 **Brenden, T. O.**, J. R. Bence, B. F. Lantry, J. R. Lantry, and T. Schaner. 2011. Population dynamics of Lake Ontario lake trout during 1985-2007. North American Journal of Fisheries Management 31(5):962-979.
- 819 Tsehay, 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(2):420-437.
- 822 **Brenden, T. O.**, J. R. Bence, W. Liu, I. Tsehay, and K. T. Scribner. 2015. Comparison of the accuracy and consistency of likelihood-based estimation routines for genetic stock identification. Methods in Ecology and Evolution 6(7):817-827.
- 823 **Brenden, T. O.**, K. T. Scribner, J. R. Bence, I. Tsehay, J. Kanefsky, C. S. Vandergoot, and D. G. Fielder. 2015. Contributions of Lake Erie and Lake St. Clair Walleye populations to the Saginaw Bay, Lake Huron, recreational fishery: evidence from genetic stock identification. North American Journal of Fisheries Management 35(3):567-577.

- 853 Tsehaye, I., **T. O. Brenden**, J. R. Bence, W. Liu, K. T. Scribner, J. Kanefsky, K. Bott, and R. F. Elliott. 2016. Combining genetics with age/length data to estimate temporal changes in year-class strength of source populations contributing to mixtures. *Fisheries Research* 173:236-249.
- 869 Bunnell, D. B., R. P. Barbiero, S. A. Ludsin, 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 regulation. *BioScience* 64(1):26-39.

**BRINES, S. J.**

- 536 Höök, T., E. Rutherford, **S. Brines**, D. M. Mason, D. J. Schwab, J. J. McCormick, G. W. Fleischer, T. J. DeSorcie. 2003. Spatially explicit measures of production of young alewives in Lake Michigan: linkage between essential fish habitat and recruitment. *Estuaries* 26 (1): 21-29
- 561 Höök, T. O., E. S. Rutherford, **S. J. Brines**, D. J. Schwab, and M. J. McCormick. 2004. Relationship between surface water temperature and steelhead distributions in Lake Michigan. *North American Journal of Fisheries Management* 24:211–221.
- 562 Höök, T. O., E. S. Rutherford, **S. J. Brines**, C. A. Geddes, D. M. Mason, D. J. Schwab, and G. W. Fleischer. 2004. Landscape scale measures of steelhead (*Oncorhynchus mykiss*) bioenergetic growth rate potential in Lake Michigan and comparison with angler catch rates. *Journal of Great Lakes Research* 30(4):545–556.

**BRONTE, C. R.**

- 513 Eshenroder, R. L., **C. R. Bronte**, J. W. Peck. 1995. Comparison of lake trout-egg survival at inshore and offshore and shallow-water and deepwater sites in Lake Superior. *Journal of Great Lakes Research* 21 (Supplement 1):313-322.
- 525 Bowen, Charles A. II, **C. R. Bronte**, R. L. Argyle, J. V. Adams, J. E. Johnson. 1999. Vateritic sagitta in wild and stocked lake trout: applicability to stock origin. *Transactions of the American Fisheries Society* 128:929-938.
- 649 Sitar, S. P., **C. R. Bronte**, M. P. Ebener, W. P. Mattes, M. Petzold, S. T. Schram, and D. R. Schreiner. 2007. Lake trout. Pages 49–61 in M. P. Ebener, editor. *The state of Lake Superior in 2000*. Great Lakes Fishery Commission Special Publication 07-02.
- 658 Ray, B. A., T. R. Hrabik, M. P. Ebener, O. T. Gorman, D. R. Schreiner, S. T. Schram, S. P. Sitar, W. P. Mattes, and **C. R. Bronte**. 2007. Diet and prey selection by Lake Superior lake trout during spring, 1986-2001. *Journal of Great Lakes Research* 33:104–113.
- 661 Janssen, J., J. E. Marsden, **C. R. Bronte**, D. J. Jude, S. P. Sitar, and F. W. Goetz. 2007. Challenges to deep-water reproduction by lake trout: pertinence to restoration in Lake Michigan. *Journal of Great Lakes Research* 33 (Supplement 1):59–74.

- 668 **Bronte, C. R.**, J. L. Jonas, M. E. Holey, R. L. Eshenroder, M. L. Toneys, P. McKee, B. Breidert, R. M. Claramunt, M. P. Ebener, C. C. Krueger, G. Wright, and R. Hess. 2003. Possible impediments to lake trout restoration in Lake Michigan. Lake Michigan Lake Trout Task Group, Lake Michigan Committee, Great Lakes Fishery Commission, Ann Arbor, Michigan.
- 672 **Bronte, C. R.**, M. E. Holey, C. P. Madenjian, J. L. Jonas, R. M. Claramunt, P. C. McKee, M. L. Toneys, M. P. Ebener, B. Breidert, G. W. Fleischer, R. Hess, A. W. Martell, Jr., and E. J. Olsen. 2007. Relative abundance, site fidelity, and survival of adult lake trout in Lake Michigan from 1999 to 2001: implications for future restoration strategies. North American Journal of Fisheries Management 27(1):137-155.
- 678 **Bronte, C. R.**, C. C. Krueger, M. E. Holey, M. L. Toneys, R. L. Eshenroder, and J. L. Jonas. 2008. A Guide for the rehabilitation of lake trout in Lake Michigan. Great Lakes Fishery Commission, Miscellaneous Publication 2008-01, Ann Arbor, Michigan.
- 679 **Bronte, C. R.**, and S. P. Sitar. 2008. Harvest and relative abundance of Siscowet lake trout in Michigan waters of Lake Superior, 1929–1961. Transactions of the American Fisheries Society 137:916–926.
- 721 Goetz, F., D. Rosauer, S. Sitar, G. Goetz., C. Simchick, S. Roberts, R. Johnson, C. Murphy, **C. R. Bronte**, and S. Mackenzie. 2010. A genetic basis for the phenotypic differentiation between siscowet and lean lake trout (*Salvelinus namaycush*). Molecular Ecology 19(Suppl. 1):176-196.
- 743 Goetz, F., S. Sitar, D. Rosauer, P. Swanson, **C. R. Bronte**, J. Dickey, and C. Simchick. 2011. The reproductive biology of siscowet and lean lake trout in southern Lake Superior. Transactions of the American Fisheries Society 140(6):1472-1491.
- 872 Riley, S. C., T. R. Binder, N. J. Watrus, M. D. Faust, J. Janssen, J. Menzies, J. E. Marsden, M. P. Ebener, **C. R. Bronte**, J. X. He, T. R. Tucker, M. J. Hansen, H. T. Thompson, A. M. Muir, and C. C. Krueger. 2014. Lake trout in northern Lake Huron spawn on submerged drumlins. Journal of Great Lakes Research 40:415-420.
- 877 Binder, T. R., S. C. Riley, C. M. Holbrook, M. J. Hansen, R. A. Bergstedt, **C. R. Bronte**, J. He, and C. C. Krueger. 2016. Spawning site fidelity of wild and hatchery Lake Trout (*Salvelinus namaycush*) in northern Lake Huron. Canadian Journal of Fisheries and Aquatic Sciences 73:18-34.

**BROWN, C. J. D.**

- 48 Michigan Conservation, June 1938, Vol. 7, No. 10 contains the following articles:  
J. W. Leonard, When a fish and a burr collide (page 3);  
H. van der Schalie, Hitch-hiking mussels and pearl buttons (pages 4, 5, 11);  
W. F. Carbine, Tricks to know about the lowly fish-worm (pages 6, 10);  
**C. J. D. Brown**, The Montana grayling in Michigan (pages 7, 9);  
A. S. Hazzard, R. W. Eschmeyer, How really expert is an expert fisherman? (p. 8);  
D. S. Shetter, Fish inventory means counting job (pages 8, 10);  
R. W. Eschmeyer, Two x two doesn't always equal four (page 10);  
J. T. Wilkinson, Hunt ways to reduce trout food costs (page 11).
- 51 **Brown, C. J. D.** 1938. The feeding habits of the Montana grayling (*Thymallus montanus*). The Journal of Wildlife Management 2(3):135-145.

- 54      **Brown, C. J. D.** 1938. Observations on the life-history and breeding habits of the Montana grayling. *Copeia* 1938(3):132-136.
- 59      **Brown, C. J. D.,** O. H. Clark. 1939. Winter lake mapping. *Michigan Conservation* 8(6):10-11.
- 68      **Brown, C. J. D.,** C. Buck, Jr. 1939. When do trout and grayling fry begin to take food? *The Journal of Wildlife Management* 3(2):134-140.
- 79      **Brown, C. J. D.,** R. C. Ball. 1940. A rowboat crane for hauling limnological sampling apparatus. *Limnological Society of America, Special Publication No. 3.*
- 85      **Brown, C. J. D.** 1940. Water weeds--their value and control. *Michigan Conservation* 9(10):6,7,11.
- 108     **Brown, C. J. D.,** G. C. Kamp. 1942. Gonad measurements and egg counts of brown trout (*Salmo trutta*) from the Madison River, Montana. *Transactions of the American Fisheries Society* 71:195-200.
- 109     **Brown, C. J. D.,** J. W. Moffett. 1942. Observations on the number of eggs and feeding habits of the cisco (*Leucichthys artedi*) in Swains Lake, Jackson County, Michigan. *Copeia* 1942(3):149-152.
- 114     **Brown, C. J. D.** 1943. Coloring lake maps. *Limnological Society of America, Special Publication No. 12.*
- 115     **Brown, C. J. D.,** C. M. Flaten. 1943. A portable field chemistry kit. *Limnological Society of America, Special Publication No. 11.*
- 116     **Brown, C. J. D.** 1942. Fisheries lake survey. Reprinted in part from *Michigan Conservation* 11:6,7.
- 122     **Brown, C. J. D.** 1943. How many lakes in Michigan. *Michigan Conservation* 12(5):6,7.
- 124     **Brown, C. J. D.** 1943. Age and growth of Montana grayling. *The Journal of Wildlife Management* 7(4):353-364.
- 131     **Brown, C. J. D.,** R. C. Ball. 1943. An experiment in the use of derris root (rotenone) on the fish and fish-food organisms of Third Sister Lake. *Transactions of the American Fisheries Society* 72:267-284.
- 132     **Brown, C. J. D.,** R. C. Ball. 1943. A fish population study of Third Sister Lake. *Transactions of the American Fisheries Society* 72:177-186.
- 145     **Brown, C. J. D.** 1943-1944. How many lakes in Michigan? *Michigan Conservation*, June 1943, Vol. 13, No. 5 and June 1944, Vol. 13, No. 5.

**BUCK, C., JR.**

- 68      Brown, C. J. D., **C. Buck, Jr.** 1939. When do trout and grayling fry begin to take food? *The Journal of Wildlife Management* 3(2):134-140.

**CARBINE, W. F.**

- 48 Michigan Conservation, June 1938, Vol. 7, No. 10 contains the following articles:  
J. W. Leonard, When a fish and a burr collide (page 3);  
H. van der Schalie, Hitch-hiking mussels and pearl buttons (pages 4, 5, 11);  
**W. F. Carbine**, Tricks to know about the lowly fish-worm (pages 6, 10);  
C. J. D. Brown, The Montana grayling in Michigan (pages 7, 9);  
A. S. Hazzard, R. W. Eschmeyer, How really expert is an expert fisherman? (p. 8); D. S. Shetter, Fish inventory means counting job (pages 8, 10);  
R. W. Eschmeyer, Two x two doesn't always equal four (page 10);  
J. T. Wilkinson, Hunt ways to reduce trout food costs (page 11).
- 53 **Carbine, W. F.** 1938. The pike. A prized and spurned fish. Michigan Conservation 7(12):6,8.
- 61 **Carbine, W. F.** 1939. Baits used in winter fishing. Michigan Conservation 8(6):3.
- 78 **Carbine, W. F.** 1939. Observations on the spawning habits of centrarchid fishes in Deep Lake, Oakland County, Michigan. Transactions of the American Fisheries Society 1939:275-287.
- 106 **Carbine, W. F.** 1942. Observations on the life history of the northern pike, *Esox lucius* L., in Houghton Lake, Michigan. Transactions of the American Fisheries Society 71:149-164.
- 110 **Carbine, W. F.** 1942. Sphaeriid clams attached to the mouth of young pike. Copeia 1942(3):187.
- 117 **Carbine, W. F.** 1943. The artificial propagation and growth of the common white sucker, *Catostomus c. commersonii*, and its value as a bait and forage fish. Copeia 1943(1):48-49.
- 129 **Carbine, W. F.** 1944. Egg production of the northern pike, *Esox lucius* L., and the percentage survival of eggs and young on the spawning grounds. Papers of the Michigan Academy of Science, Arts, and Letters 29:123-137.
- 138 **Carbine, W. F.** 1945. Growth potential of the northern pike (*Esox lucius*). Papers of the Michigan Academy of Science, Arts, and Letters 30:205-220.
- 144 **Carbine, W. F., V. C. Applegate.** 1946. Recaptures of tagged walleyes, *Stizostedion vitreum* (Mitchill), in Houghton Lake and the Muskegon River, Roscommon County, Michigan. Copeia 1946(2):97-100.
- 149 **Carbine, W. F., D. S. Shetter.** 1945. Examples of the use of two-way fish weirs in Michigan. Transactions of the American Fisheries Society 73:70-89.
- 167 **Carbine, W. F., V. C. Applegate.** 1948. The movement and growth of marked northern pike (*Esox lucius* L.) in Houghton Lake and the Muskegon River. Papers of the Michigan Academy of Science, Arts, and Letters 32:215-238.
- 178 **Carbine, W. F., V. C. Applegate.** 1948. The fish population of Deep Lake, Michigan. Transactions of the American Fisheries Society 75:200-227.

- 225 Hunt, B. P., **W. C. Carbine**. 1951. Food of young pike, *Esox lucius* L., and associated fishes in Peterson's ditches, Houghton Lake, Michigan. Transactions of the American Fisheries Society 80:67-83.

**CAROFFINO, D. C.**

- 695 **Caroffino, D. C.**, T. M. Sutton, and M. S. Lindberg. 2009. Abundance and movement patterns of age-0 juvenile lake sturgeon in the Peshtigo River, Wisconsin. Environmental Biology of Fishes 86(3):411-422.
- 714 **Caroffino, D. C.**, T. M. Sutton, R. F. Elliott, and M. C. Donofrio. 2010. Early life stage mortality rates of lake sturgeon in the Peshtigo River, Wisconsin. North American Journal of Fisheries Management 30:295-304.
- 738 **Caroffino, D. C.**, A. M. Mwai, and B. I. Evans. 2011. Population genetics of walleye and yellow perch in the St. Marys River. Journal of Great Lakes Research 37:28-34.
- 781 **Caroffino, D. C.** 2013. Angler compliance with Lake Trout length limit regulations in Great Lakes waters. North American Journal of Fisheries Management 33:1203-1209.

**CARL, L. M.**

- 431 **Carl, L. M.**, J. R. Ryckman, W. C. Latta. 1977. Management of seasonal stream trout fishing in a metropolitan area. Michigan Academician 10(1):47-56.
- 448 **Carl, L. M.** 1980. Angler attitudes and the effectiveness of foul-hooking regulations on Michigan salmon. Michigan Academician 12(4):463-484.
- 457 **Carl, L. M.** 1982. Social impacts of a stream reclamation project on urban anglers. North American Journal of Fisheries Management 2:164-170.
- 460 **Carl, L. M.** 1982. Scale parameters of wild and hatchery chinook salmon (*Oncorhynchus tshawytscha*) from Lake Michigan. Canadian Technical Report of Fisheries and Aquatic Sciences No. 1105.
- 463 **Carl, L. M.** 1982. Natural reproduction of coho salmon and chinook salmon in some Michigan streams. North American Journal of Fisheries Management 2(4):375-380.
- 464 **Carl, L. M.** 1983. Density, growth, and change in density of coho salmon and rainbow trout in three Lake Michigan tributaries. Canadian Journal of Zoology 61:1120-1127.
- 468 **Carl, L. M.** 1983. Chinook salmon (*Oncorhynchus tshawytscha*) density, growth, mortality, and movement in two Lake Michigan tributaries. Canadian Journal of Zoology 62:65-71.
- 689 Reid, S. M., C. C. Wilson, **L. M. Carl**, and T. G. Zorn. 2008. Species traits influence the genetic consequences of river fragmentation on two co-occurring redhorse (*Moxostoma*) species. Canadian Journal of Fisheries and Aquatic Sciences 65:1892-1904.

**CARR, F. V.**

- 202 **Carr, F. V.**, L. N. Allison. 1949. A "quick-change" screen for fish hatchery ponds. The Progressive Fish-Culturist 11:265-266.

**CARTER, G. S.**

- 592    **Carter, G. S.**, T. F. Nalepa, and R. R. Rediske. 2006. Status and trends of benthic populations in a coastal drowned river mouth lake of Lake Michigan. *Journal of Great Lakes Research* 32:578–595.
- 631    Höök, T. O., M. J. McCormick, E. S. Rutherford, D. M. Mason, and **G. S. Carter**. 2006. Short-term water mass movements in Lake Michigan: implications for larval fish transport. *Journal of Great Lakes Research* 32:728–737.
- 651    Höök, T. O., E. S. Rutherford, D. M. Mason, and **G. S. Carter**. 2007. Hatch dates, growth, survival, and overwinter mortality of age-0 alewives in Lake Michigan: implications for habitat-specific recruitment success. *Transactions of the American Fisheries Society* 136:1298–1312.

**CHERNYAK, S.**

- 542    Nichols, S.J., G. Kennedy, E. Crawforth, J. Allen, J. French III, G. Black, M. Blouin, J. Hickey, **S. Chernyak**, R. Haas, M. Thomas. 2003. Assessment of lake sturgeon (*Acipenser fulvescens*) spawning efforts in the lower St. Clair River, Michigan. *Journal of Great Lakes Research*, 29(3):383-391.
- 705    Madenjian, C. P., P. A. Hanchin, **S. M. Chernyak**, and L. J. Begnoche. 2009. Sexual difference in PCB concentrations of walleyes (*Sander vitreus*) from a pristine lake. *Science of the Total Environment* 407(15):4526-4532.

**CHRISTENSEN, K. E.**

- 210    **Christensen, K. E.** 1950. Liberalized fishing regulations (pages 8-10); J. W. Moffett, Sea lamprey control (pages 18-20). *Michigan Conservation* 19(4).
- 218    Michigan Conservation, 1938, Vol. 20, No. 3 contains the following articles:  
E. L. Cooper. Pigeon River trout studies (pages 3-6);  
N. O. Levardsen, Weed control in Michigan lakes (pages 11-14);  
G. P. Cooper, **K. E. Christensen**, Testing new fishing regulations (pages 15-20).

**CLADY, M. D.**

- 378    **Clady, M. D.** 1967. Changes in an exploited population of the cisco, *Coregonus artedii* Le Sueur. *Papers of the Michigan Academy of Science, Arts, and Letters* 52:85-99.
- 381    **Clady, M. D.**, G. U. Ulrikson. 1968. Mortality of recently hatched bluegill fry as a result of hydra. *The Progressive Fish-Culturist* 30(1):39-40.
- 389    **Clady, M. D.** 1969. Use of freshwater sponge in case construction of Limnephilus species (Trichoptera: Limnepilidae). *Proceedings of the Entomological Society of Washington* 71(1):98.
- 415    **Clady, M. D.** 1974. Food habits of yellow perch, smallmouth bass, and largemouth bass in two unproductive lakes in northern Michigan. *American Midland Naturalist* 91(2):453-459.

- 416    **Clady, M. D.** 1975. Early survival and recruitment of smallmouth bass in northern Michigan. *The Journal of Wildlife Management* 39(1):194-200.
- 418    **Clady, M. D.** 1975. The effects of a simulated angler harvest on biomass and production in lightly exploited populations of smallmouth and largemouth bass. *Transactions of the American Fisheries Society* 104(2):270-276.
- 425    **Clady, M. D.** 1977. Abundance and production of young largemouth bass, smallmouth bass, and yellow perch in two infertile Michigan lakes. *Transactions of the American Fisheries Society* 106(1):57-63.

**CLAPP, D. F.**

- 494    **Clapp, D. F.**, R. D. Clark, Jr. 1989. Hooking mortality of smallmouth bass caught on live minnows and artificial spinners. *the North American Journal of Fisheries Management* 9:81-85.
- 498    **Clapp, D. F.**, R. D. Clark, Jr., and J. S. Diana. 1990. Range, activity, and habitat of large, free-ranging brown trout in a Michigan stream. *Transactions of the American Fisheries Society* 119:1022-1034.
- 550    **Clapp, D. F.**, and J. M. Dettmers. 2004. Yellow perch research and management in Lake Michigan: evaluating progress in a cooperative effort, 1997–2001. *Fisheries* 29(11):11–19.
- 551    Fitzgerald, D. G., **D. F. Clapp**, and B. J. Belonger. 2004. Characterization of growth and winter survival of age-0 yellow perch in Southeastern Lake Michigan. *Journal of Great Lakes Research* 30(2):227–240.
- 600    **Clapp, D. F.**, P. J. Schneeberger, D. J. Jude, G. Madison, and C. Pistis. 2001. Monitoring round goby (*Neogobius melansostomus*) population expansion in eastern and northern Lake Michigan. *Journal of Great Lakes Research* 27:335–341.
- 609    Jonas, J. L., P. J. Schneeberger, **D. F. Clapp**, M. Wolgamood, G. Wright, and B. Lasee. 2002. Presence of the BKD-causing bacterium *Renibacterium salmoninarum* in lake whitefish and bloater in the Laurentian Great Lakes. *Archiv. fur Hydrobiologie* 57:447–452.
- 626    Wilberg, M. J., J. R. Bence, B. T. Eggold, D. Makauskas, and **D. F. Clapp**. 2005. Yellow perch dynamics in southwestern Lake Michigan during 1986–2002. *North American Journal of Fisheries Management* 25:1130–1152.
- 642    Adlerstein, S. A., E. S. Rutherford, J. A. Clevenger, J. E. Johnson, **D. F. Clapp**, and A. P. Woldt. 2007. Lake trout movements in U.S. waters of Lake Huron interpreted from coded wire tag recoveries in recreational fisheries. *Journal of Great Lakes Research* 33:186–201.
- 657    Beletsky, D., D. M. Mason, D. J. Schwab, E. S. Rutherford, J. Janssen, **D. F. Clapp**, and J. M. Dettmers. 2007. Biophysical model of larval yellow perch advection and settlement in Lake Michigan. *Journal of Great Lakes Research* 33:842–866.

- 666 He, J. X., J. R. Bence, J. E. Johnson, **D. F. Clapp**, and M. P. Ebener. 2008. Modeling variation in mass-length relations and condition indices of lake trout and Chinook salmon in Lake Huron: a hierarchical Bayesian approach. *Transactions of the American Fisheries Society* 137:801–817.
- 669 **Clapp, D. F.**, P. J. Schneeberger, R. P. O’Neal, T. J. Lychwick, B. Belonger, and S. M. Shroyer. 2005. Inshore fish community. Pages 49-58 in M. E. Holey and T. N. Trudeau, editors. *The state of Lake Michigan in 2000*. Great Lakes Fishery Commission, Special Publication 05-01, Ann Arbor, Michigan.
- 670 Jonas, J. L., **D. F. Clapp**, J. R. Bence, and M. E. Holey. 2005. Salmonine community. Pages 33-47 in M. E. Holey and T. N. Trudeau, editors. *The state of Lake Michigan in 2000*. Great Lakes Fishery Commission, Special Publication 05-01, Ann Arbor, Michigan.
- 675 Adlerstein, S. A., E. S. Rutherford, R. M. Claramunt, **D. F. Clapp**, and J. A. Clevenger. 2008. Seasonal movements of Chinook salmon in Lake Michigan based on tag recoveries from recreational fisheries and catch rates in gill-net assessments. *Transactions of the American Fisheries Society* 137:736-750.
- 680 DeBruyne, R. L., T. L. Galarowicz, R. M. Claramunt, and **D. F. Clapp**. 2008. Lake whitefish relative abundance, length-at-age, and condition in Lake Michigan as indicated by fishery-independent surveys. *Journal of Great Lakes Research* 34:235-244.
- 691 Warner, D. M., C. S. Kiley, R. M. Claramunt, and **D. F. Clapp**. 2008. The influence of alewife year-class strength on prey selection and abundance of age-1 Chinook salmon in Lake Michigan. *Transactions of the American Fisheries Society* 137:1683–1700.
- 696 Claramunt, R. M., T. L. Kolb, **D. F. Clapp**, D. B. Hayes, J. L. Dexter, Jr., and D. M. Warner. 2009. Effects of increasing Chinook salmon bag limits on alewife abundance: implications for Lake Michigan management goals. *North American Journal of Fisheries Management* 29:829-842.
- 795 Su, Z., and **D. Clapp**. 2013. Evaluation of sample design and estimation methods for Great Lakes angler surveys. *Transactions of the American Fisheries Society* 142(1):234-246.
- 800 Claramunt, R. M., and **D. F. Clapp**. 2014. Response to Dettmers et al. (2012): Great Lakes fisheries managers are pursuing appropriate goals. *Fisheries* 39(3):123-125.

**CLARAMUNT, R. M.**

- 566 **Claramunt, R. M.**, J. L. Jonas, J. D. Fitzsimons, and J. E. Marsden. 2005. Influences of spawning habitat characteristics and interstitial predators on lake trout egg deposition and mortality. *Transactions of the American Fisheries Society* 134:1048–1057.
- 586 **Claramunt, R. M.**, and D. H. Wahl. 2000. The effects of abiotic and biotic factors in determining larval fish growth rates: A comparison across species and reservoirs. *Transactions of the American Fisheries Society* 129:835–851.
- 587 **Claramunt, R. M.**, J. L. Jonas, J. D. Fitzsimons, and J. E. Marsden. 2005. Influences of spawning habitat characteristics and interstitial predators on lake trout egg deposition and mortality. *Transactions of the American Fisheries Society* 134:1048–1057.

- 588 Jonas, J. L., **R. M. Claramunt**, J. D. Fitzsimons, and J. E. Marsden. 2005. Estimates of egg deposition and effects of lake trout (*Salvelinus namaycush*) egg predators in three regions of the Great Lakes. Canadian Journal of Fisheries and Aquatic Science 62:2254–2264.
- 589 **Claramunt, R. M.**, D. E. Shoup, and D. H. Wahl. 2005. Comparison of push nets and tow nets for sampling larval fish with implications for assessing littoral habitat utilization. North American Journal of Fisheries Management 25:86–92.
- 590 Marsden, J. E., B. J. Ellrott, **R. M. Claramunt**, J. L. Jonas, and J. D. Fitzsimons. 2005. A comparison of lake trout spawning, fry emergence, and habitat use in lakes Michigan, Huron, and Champlain. Journal of Great Lakes Research 31:492–508.
- 591 Fitzsimons, J. D., B. Williston, G. Williston, G. Bravener, J. L. Jonas, **R. M. Claramunt**, J. E. Marsden, and B. J. Ellrott. 2006. Laboratory estimates of salmonine egg predation by round gobies (*Neogobius melanostomus*), sculpins (*Cottus cognatus* and *C. bairdi*), and crayfish (*Orconectes propinquus*). Journal of Great Lakes Research 32:227–241.
- 594 Diana, C. M., J. L. Jonas, **R. M. Claramunt**, J. D. Fitzsimons, and J. E. Marsden. 2006. A comparison of methods for sampling round goby in rocky littoral areas. North American Journal of Fisheries Management 26:514–522.
- 647 Bunnell, D. B., C. P. Madenjian, and **R. M. Claramunt**. 2006. Long-term changes of the Lake Michigan fish community following the reduction of exotic alewife (*Alosa pseudoharengus*). Canadian Journal of Fisheries and Aquatic Sciences 63:2434–2446.
- 668 Bronte, C. R., J. L. Jonas, M. E. Holey, R. L. Eshenroder, M. L. Toney, P. McKee, B. Breidert, **R. M. Claramunt**, M. P. Ebener, C. C. Krueger, G. Wright, and R. Hess. 2003. Possible impediments to lake trout restoration in Lake Michigan. Lake Michigan Lake Trout Task Group, Lake Michigan Committee, Great Lakes Fishery Commission, Ann Arbor, Michigan.
- 672 Bronte, C. R., M. E. Holey, C. P. Madenjian, J. L. Jonas, **R. M. Claramunt**, P. C. McKee, M. L. Toney, M. P. Ebener, B. Breidert, G. W. Fleischer, R. Hess, A. W. Martell, Jr., and E. J. Olsen. 2007. Relative abundance, site fidelity, and survival of adult lake trout in Lake Michigan from 1999 to 2001: implications for future restoration strategies. North American Journal of Fisheries Management 27(1):137–155.
- 673 Ellrott, B. J., J. E. Marsden, J. D. Fitzsimons, J. L. Jonas, and **R. M. Claramunt**. 2007. Effects of temperature and density on consumption of trout eggs by *Orconectes propinquus* and *O. rusticus*. Journal of Great Lakes Research 33(1):7–14.
- 674 Fitzsimons, J. D., J. L. Jonas, **R. M. Claramunt**, B. Williston, G. Williston, J. E. Marsden, B. J. Ellrott, and D. C. Honeyfield. 2007. Influence of egg predation and physical disturbance on lake trout *Salvelinus namaycush* egg mortality and implications for life-history theory. Journal of Fish Biology 71(1):1–16.
- 675 Adlerstein, S. A., E. S. Rutherford, **R. M. Claramunt**, D. F. Clapp, and J. A. Clevenger. 2008. Seasonal movements of Chinook salmon in Lake Michigan based on tag recoveries from recreational fisheries and catch rates in gill-net assessments. Transactions of the American Fisheries Society 137:736–750.

- 680 DeBruyne, R. L., T. L. Galarowicz, **R. M. Claramunt**, and D. F. Clapp. 2008. Lake whitefish relative abundance, length-at-age, and condition in Lake Michigan as indicated by fishery-independent surveys. *Journal of Great Lakes Research* 34:235-244.
- 686 Jonas, J., **R. M. Claramunt**, and E. Rutherford. 2008. Salmonine reproduction and recruitment. Pages 65-70 in D. F. Clapp and W. Horns, editors. *The state of Lake Michigan in 2005*. Great Lakes Fishery Commission Special Publication 08-02, Ann Arbor, Michigan.
- 688 Muir, A. M., T. M. Sutton, P. J. Peeters, **R. M. Claramunt**, and R. E. Kinnunen. 2008. An evaluation of age estimation structures for lake whitefish in Lake Michigan: selecting an aging method based on precision and a decision analysis. *North American Journal of Fisheries Management* 28:1928-1940.
- 691 Warner, D. M., C. S. Kiley, **R. M. Claramunt**, and D. F. Clapp. 2008. The influence of alewife year-class strength on prey selection and abundance of age-1 Chinook salmon in Lake Michigan. *Transactions of the American Fisheries Society* 137:1683-1700.
- 696 **Claramunt, R. M.**, T. L. Kolb, D. F. Clapp, D. B. Hayes, J. L. Dexter, Jr., and D. M. Warner. 2009. Effects of increasing Chinook salmon bag limits on alewife abundance: implications for Lake Michigan management goals. *North American Journal of Fisheries Management* 29:829-842.
- 708 Warner, D. M., **R. M. Claramunt**, J. Janssen, D. J. Jude, and N. Watrus. 2009. Acoustic estimates of abundance and distribution of spawning lake trout on Sheboygan Reef in Lake Michigan. *Journal of Great Lakes Research* 35(1):147-153.
- 712 Blukacz, E. A., M. A. Koops, T. M. Sutton, M. T. Arts, J. D. Fitzsimons, A. M. Muir, **R. M. Claramunt**, T. B. Johnson, R. E. Kinnunen, M. P. Ebener, C. Suski, and G. Burness. 2010. Linking lake whitefish (*Coregonus clupeaformis*) condition with male gamete quality and quantity. *Journal of Great Lakes Research* 36(Supplement 1):78-83.
- 715 **Claramunt, R. M.**, A. M. Muir, T. M. Sutton, P. J. Peeters, M. P. Ebener, J. D. Fitzsimons, and M. A. Koops. 2010. Measures of larval lake whitefish length and abundance as early predictors of year-class strength in Lake Michigan. *Journal of Great Lakes Research* 36(Supplement 1):84-91.
- 716 **Claramunt, R. M.**, A. M. Muir, J. Johnson, and T. M. Sutton. 2010. Spatio-temporal trends in the food habits of age-0 lake whitefish. *Journal of Great Lakes Research* 36(Supplement 1):66-72.
- 727 Muir, A. M., T. M. Sutton, M. T. Arts, **R. M. Claramunt**, M. P. Ebener, J. D. Fitzsimons, T. B. Johnson, R. E. Kinnunen, M. A. Koops, and M. M. Sepúlveda. 2010. Does condition of Lake Whitefish spawners affect physiological condition of juveniles? *Journal of Great Lakes Research* 36(Supplement 1):92-99.
- 735 Barton, N. T., T. L. Galarowicz, **R. M. Claramunt**, and J. D. Fitzsimons. 2011. A comparison of egg funnel and egg bag estimates of egg deposition in Grand Traverse Bay, Lake Michigan. *North American Journal of Fisheries Management* 31(3):580-587.

- 756 Yule, D. L., S. A. Moore, M. P. Ebener, **R. M. Claramunt**, T. C. Pratt, L. L. Salawater, and M. J. Connerton. 2011. Morphometric variation among spawning cisco aggregations in the Laurentian Great Lakes: are historic forms still present? *Advances in Limnology* 64:119-132.
- 758 **Claramunt, R. M.**, N. T. Barton, J. D. Fitzsimons, and T. L. Galarowicz. 2012. Microhabitat association of *Hemimysis anomala* on fish spawning reefs in Grand Traverse Bay, Lake Michigan. *Journal of Great Lakes Research* 38(Supplement 2):32-36.
- 769 Pothoven, S. A., H. A. Vanderploeg, D. M. Warner, J. S. Schaeffer, S. A. Ludsin, **R. M. Claramunt**, and T. F. Nalepa. 2012. Influences on *Bythotrephes longimanus* life-history characteristics in the Great Lakes. *Journal of Great Lakes Research* 38(1):134-141.
- 773 Warner, D. M., **R. M. Claramunt**, J. S. Schaeffer, D. L. Yule, T. R. Hrabik, B. Pientka, L. G. Rudstam, J. D. Holuszko, and T. P. O'Brien. 2012. Relationship between mid-water trawling effort and catch composition uncertainty in two large lakes (Huron and Michigan) dominated by alosines, osmerids, and coregonines. *Fisheries Research* 123-124:62-69.
- 782 **Claramunt, R. M.**, D. M. Warner, C. P. Madenjian, T. J. Treska, and D. Hanson. 2013. Offshore salmonine food web. Pages 13-23 in *The state of Lake Michigan in 2011*. D. B. Bunnell, editor. Great Lakes Fishery Commission, Special Publication 12-01.
- 790 Jacobs, G. R., C. P. Madenjian, D. B. Bunnell, D. M. Warner, and **R. M. Claramunt**. 2013. Chinook salmon foraging patterns in a changing Lake Michigan. *Transactions of the American Fisheries Society* 142(2):362-372.
- 791 Kolb, T. L., E. A. Blukacz-Richards, A. M. Muir, **R. M. Claramunt**, M. A. Koops, W. W. Taylor, T. M. Sutton, M. T. Arts, and E. Bissel. 2013. How to manage data to enhance their potential for synthesis, preservation, sharing, and reuse—a Great Lakes case study. *Fisheries* 38(2):52-64.
- 800 **Claramunt, R. M.**, and D. F. Clapp. 2014. Response to Dettmers et al. (2012): Great Lakes fisheries managers are pursuing appropriate goals. *Fisheries* 39(3):123-125.
- 819 Tsehay, 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(2):420-437.
- 832 Madenjian, C. P., D. B. Bunnell, D. M. Warner, S. A. Pothoven, G. L. Fahnenstiel, T. F. Nalepa, H. A. Vanderploeg, I. Tsehay, **R. M. Claramunt**, and R. D. Clark, Jr. 2015. Changes in the Lake Michigan food web following dreissenid mussel invasions: A synthesis. *Journal of Great Lakes Research* 41(Supplement 3):217-231.
- 834 Myers, J. T., D. L. Yule, M. L. Jones, T. D. Ahrenstorff, T. R. Hrabik, **R. M. Claramunt**, M. P. Ebener, and E. K. Berglund. 2015. Spatial synchrony in cisco recruitment. *Fisheries Research* 165:11-21.
- 843 Andvik, R. T., B. L. Sloss, J. A. VanDeHey, **R. M. Claramunt**, S. P. Hansen, and D. A. Isermann. 2016. Mixed stock analysis of Lake Michigan's Lake Whitefish *Coregonus clupeaformis* commercial fishery. *Journal of Great Lakes Research* 42:660-667.

- 851 Nathan, L. R., B. L. Sloss, J. A. VanDeHey, R. T. Andvik, **R. M. Claramunt**, S. Hansen, and T. M. Sutton. 2016. Temporal stability of lake whitefish genetic stocks in Lake Michigan. *Journal of Great Lakes Research* 42:433-439.
- 876 Myers, J. T., D. L. Yule, M. L. Jones, T. D. Ahrenstorff, T. R. Hrabik, **R. M. Claramunt**, M. P. Ebener, and E. K. Berglund. 2015. Spatial synchrony in cisco recruitment. *Fisheries Research* 165:11-21.
- 878 Clark, R. D., Jr., J. R. Bence, **R. M. Claramunt**, J. E. Johnson, D. Gonder, N. D. Legler, S. R. Robillard, and B. D. Dickinson. 2016. A spatially explicit assessment of changes in Chinook Salmon fisheries in Lakes Michigan and Huron from 1986 to 2011. *North American Journal of Fisheries Management* 36:1068-1083.
- 888 Kerns, J. A., M. W. Rogers, D. B. Bunnell, **R. M. Claramunt**, and P. D. Collingsworth. 2016. Comparing life history characteristics of Lake Michigan's naturalized and stocked Chinook Salmon. *North American Journal of Fisheries Management* 36:1106-1118. doi: 10.1080/02755947.2016.1204392.

**CLARK, O. H.**

- 59 Brown, C. J. D., **O. H. Clark**. 1939. Winter lake mapping. *Michigan Conservation* 8(6):10-11.
- 64 Eschmeyer, R. W., **O. H. Clark**. 1939. Analysis of the populations of fish in the waters of the Mason Game Farm, Mason, Michigan. *Ecology* 20(2):272-286.
- 87 **Clark, O. H.**, A. S. Hazzard. 1940. Census--fisheries style. *Michigan Conservation* 9(8):3,11.
- 175 **Clark, O. H.** 1948. Stream improvements in Michigan. *Transactions of the American Fisheries Society* 75:270-280.
- 220 Michigan Conservation, 1951, Vol. 20, No. 4 contains the following articles:  
A. S. Hazzard. The walleye--fish of mystery (pages 6-8);  
**O. H. Clark**, Basic land use program is pioneered in Michigan (pages 21-25).

**CLARK, R. D., JR.**

- 450 **Clark, R. D., Jr.**, G. R. Alexander, H. Gowing. 1980. Mathematical description of trout-stream fisheries. *Transactions of the American Fisheries Society* 109(6):587-602.
- 451 **Clark, R. D., Jr.** G. R. Alexander, H. Gowing. 1981. A history and evaluation of regulations for brook trout in Michigan streams. *North American Journal of Fisheries Management* 1(1):1-14.
- 465 **Clark, R. D., Jr.** 1983. Potential effects of voluntary catch and release of fish on recreational fisheries. *North American Journal of Fisheries Management* 3:306-314.
- 471 **Clark, R. D., Jr.**, B. Huang. 1985. Conflict between sportfishing, commercial fishing, and rehabilitation of lake trout in Lake Michigan. *North American Journal of Fisheries Management* 5:261-276.
- 489 **Clark, R. D., Jr.**, R. A. Martin. 1988. Computerized system for managing hatchery fish transportation in Michigan. *the North American Journal of Fisheries Management* 8:102-111.

- 494 Clapp, D. F., **R. D. Clark, Jr.** 1989. Hooking mortality of smallmouth bass caught on live minnows and artificial spinners. *the North American Journal of Fisheries Management* 9:81-85.
- 498 Clapp, D. F., **R. D. Clark, Jr.**, J. S. Diana. 1990. Range, activity, and habitat of large, free-ranging brown trout in a Michigan stream. *Transactions of the American Fisheries Society* 119:1022-1034.
- 509 Eshenroder, R. L., M. E. Holey, T. K. Gorenflo, **R. D. Clark, Jr.** 1995. Fish-community objectives for Lake Michigan. *Great Lakes Fishery Commission Special Publication* 95-3. 56p.
- 578 Brenden, T. O., **R. D. Clark, Jr.**, A. R. Cooper, P. W. Seelbach, L. Wang, S. Aichele, E. G. Bissell, and J. S. Stewart. 2006. A GIS framework for collecting, managing, and analyzing multiscale landscape variables across large regions for river conservation and management. *American Fisheries Society Symposium* 48:49–74.
- 654 Brenden, T. O., L. Wang, P. W. Seelbach, **R. D. Clark, Jr.**, M. J. Wiley, and B. L. Sparks-Jackson. 2008. A spatially constrained clustering program for river valley segment delineation from GIS digital river networks. *Environmental Modelling & Software* 23:638–649.
- 655 Brenden, T. O., L. Wang, **R. D. Clark, Jr.**, P. W. Seelbach, and J. Lyons. 2007. Comparison between model-predicted and field-measured stream habitat features for evaluating fish assemblage-habitat relationships. *Transactions of the American Fisheries Society* 136:580–592.
- 664 Wang, L., T. Brenden, P. Seelbach, A. Cooper, D. Allan, **R. Clark, Jr.**, and M. Wiley. 2008. Landscape based identification of human disturbance gradients and reference conditions for Michigan streams. *Environmental Monitoring and Assessment* 141:1–17.
- 832 Madenjian, C. P., D. B. Bunnell, D. M. Warner, S. A. Pothoven, G. L. Fahnenstiel, T. F. Nalepa, H. A. Vanderploeg, I. Tsehayre, R. M. Claramunt, and **R. D. Clark, Jr.** 2015. Changes in the Lake Michigan food web following dreissenid mussel invasions: A synthesis. *Journal of Great Lakes Research* 41(Supplement 3):217-231.
- 878 **Clark, R. D., Jr.**, J. R. Bence, R. M. Claramunt, J. E. Johnson, D. Gonder, N. D. Legler, S. R. Robillard, and B. D. Dickinson. 2016. A spatially explicit assessment of changes in Chinook Salmon fisheries in Lakes Michigan and Huron from 1986 to 2011. *North American Journal of Fisheries Management* 36:1068-1083.

**CLEVINGER, J. A.**

- 642 Adlerstein, S. A., E. S. Rutherford, **J. A. Clevenger**, J. E. Johnson, D. F. Clapp, and A. P. Woldt. 2007. Lake trout movements in U.S. waters of Lake Huron interpreted from coded wire tag recoveries in recreational fisheries. *Journal of Great Lakes Research* 33:186–201.
- 675 Adlerstein, S. A., E. S. Rutherford, R. M. Claramunt, D. F. Clapp, and **J. A. Clevenger**. 2008. Seasonal movements of Chinook salmon in Lake Michigan based on tag recoveries from recreational fisheries and catch rates in gill-net assessments. *Transactions of the American Fisheries Society* 137:736-750.

**COOPER, A. R.**

- 578 Brenden, T. O., R. D. Clark, Jr., **A. R. Cooper**, P. W. Seelbach, L. Wang, S. Aichele, E. G. Bissell, and J. S. Stewart. 2006. A GIS framework for collecting, managing, and analyzing multiscale landscape variables across large regions for river conservation and management. American Fisheries Society Symposium 48:49–74.
- 664 Wang, L., T. Brenden, P. Seelbach, **A. Cooper**, D. Allan, R. Clark, Jr., and M. Wiley. 2008. Landscape based identification of human disturbance gradients and reference conditions for Michigan streams. Environmental Monitoring and Assessment 141:1–17.
- 754 Wang, L., D. Infante, J. Lyons, J. Stewart, and **A. Cooper**. 2011. Effects of dams in river networks on fish assemblages in non-impoundment sections of rivers in Michigan and Wisconsin, USA. River Research and Applications 27(4):473-487.

**COOPER, E. L.**

- 157b Michigan Conservation, 1948, Vol. 18, No. 3 contains the following articles:  
**E. L. Cooper**. Brook trout fishing (pages 23-24);  
H. E. Predmore, Jr., 1,000 years of fishing (pages 31-33);  
K. G. Fukano, General creel census (page 34).
- 209 Michigan Conservation, 1901, Vol. 19, No. 3 contains the following articles:  
D. S. Shetter. Rifle River fishing (pages 3-6);  
V. S. Pratt, Southern Michigan trout streams (pages 10-12);  
**E. L. Cooper**, What happens to trout? (pages 24-27). .
- 216 **Cooper, E. L.** 1951. Every trout a trophy. Michigan Conservation 20(2):14-18.
- 218 Michigan Conservation, 1951, Vol. 20, No. 3 contains the following articles:  
**E. L. Cooper**, Pigeon River trout studies (pages 3-6);  
N. O. Levardsen, Weed control in Michigan lakes (pages 11-14);  
G. P. Cooper, K. E. Christensen, Testing new fishing regulations (pages 15-20).
- 221 **Cooper, E. L.** 1951. Validation of the use of scales of brook trout, *Salvelinus fontinalis*, for age determination. Copeia 1951(2):141-148.
- 232 **Cooper, E. L.**, N. G. Benson. 1951. The coefficient of condition of brook, brown, and rainbow trout in the Pigeon River, Otsego County, Michigan. The Progressive Fish-Culturist 13:181-192.
- 233 Williams, J. E. 1952. Northern pike management (pages 5-7); **E. L. Cooper**, The North Branch Story (pages 8-11). Michigan Conservation 21(2).
- 236 **Cooper, E. L.** 1952. Body-scale relationship of brook trout, *Salvelinus fontinalis*, in Michigan. Copeia 1952(1).
- 243 **Cooper, E. L.** 1952. Rate of exploitation of wild eastern brook trout and brown trout populations in the Pigeon River, Otsego County, Michigan. Transactions of the American Fisheries Society 81:224-234.

- 247 Michigan Conservation, 1953, Vol. 22, No. 2 contains the following articles:  
A. S. Hazzard, Trout fishing in southern Michigan (pages 3-4);  
**E. L. Cooper**, Trout fishing (pages 5-7).
- 249 **Cooper, E. L.** 1953. Growth of brook trout (*Salvelinus fontinalis*) and brown trout (*Salmo trutta*) in the Pigeon River, Otsego County, Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 38:151-162.
- 252 **Cooper, E. L.** 1953. Time to fish for trout. Weatherwise 6(1):15-17.
- 255 **Cooper, E. L.** 1953. Periodicity of growth and change of condition of brook trout (*Salvelinus fontinalis*) in three Michigan trout streams. Copeia 1953(2):107-114.
- 258 **Cooper, E. L.** 1953. Returns from plantings of legal-sized brook, brown and rainbow trout in the Pigeon River, Otsego County, Michigan. Transactions of the American Fisheries Society 82:266-280.
- 352 McFadden, J. T., **E. L. Cooper**. 1964. Population dynamics of brown trout in different environments. Physiological Zoology 37(4):355-363.

**COOPER, G. P.**

- 18 Hubbs, C. L., **G. P. Cooper**. 1935. Age and growth of the long-eared and the green sunfishes in Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 20:669-696.
- 23 **Cooper, G. P.** 1936. Some results of forage fish investigations in Michigan. Transactions of the American Fisheries Society 65:132-142.
- 26 **Cooper, G. P.** 1936. Age and growth of the golden shiner (*Notemigonus crysoleucas auratus*) and its suitability for propagation. Papers of the Michigan Academy of Science, Arts, and Letters 21:587-597.
- 29 Hubbs, C. L., **G. P. Cooper**. 1936. Minnows of Michigan. Cranbrook Institute of Science Bulletin No. 8.
- 41 **Cooper, G. P.** 1937. Food habits, rate of growth and cannibalism of young largemouth bass (*Aplites salmoides*) in state-operated rearing ponds in Michigan during 1935. Transactions of the American Fisheries Society 66:242-266.
- 136 **Cooper, G. P.** 1937. Age, growth, and morphometry of the cisco, *Leucichthys artedi* (Le Sueur), in Blind Lake. Papers of the Michigan Academy of Science, Arts, and Letters 22:563-571.
- 185 **Cooper, G. P.** 1948. Fish stocking policies in Michigan. Transactions of the Thirteenth North American Wildlife Conference 1948:187-193.
- 190 **Cooper, G. P.**, G. N. Washburn. 1949. Relation of dissolved oxygen to winter mortality of fish in Michigan lakes. Transactions of the American Fisheries Society 76:23-33.
- 218 Michigan Conservation, 1951, Vol. 20, No. 3 contains the following articles:  
E. L. Cooper, Pigeon River trout studies (pages 3-6);  
N. O. Levardsen, Weed control in Michigan lakes (pages 11-14);  
**G. P. Cooper**, K. E. Christensen, Testing new fishing regulations (pages 15-20).

- 234 Michigan Conservation, 1952, Vol. 21, No. 3 contains the following articles:  
**G. P. Cooper**, Water weeds (pages 5-8);  
S. Lievense, A fisherman's challenge (pages 9 and 10);  
C. M. Taube, Riverine lakes (pages 18-20).
- 242 **Cooper, G. P.** 1951. Estimation of fish populations in Michigan lakes. Transactions of the American Fisheries Society 81:4-16.
- 250 **Cooper, G. P.** 1953. Population estimates of fish in Sugarloaf Lake, Washtenaw County, Michigan, and their exploitation by anglers. Papers of the Michigan Academy of Science, Arts, and Letters 38:163-186.
- 263 **Cooper, G. P.**, W. C. Latta. 1954. Further studies on the fish population and exploitation by angling in Sugarloaf Lake, Washtenaw County, Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 39:209-223.
- 270 **Cooper, G. P.**, R. N. Schafer. 1954. Studies of the population of legal-size fish in Whitmore Lake, Washtenaw and Livingston counties, Michigan. Transactions of the Nineteenth North American Wildlife Conference, March 8, 9, and 10, 1954, pages 239-259.
- 288 **Cooper, G. P.**, K. F. Lagler. 1956. The measurement of fish population size. Transactions of the Twenty-first North American Wildlife Conference 1956:281-297.
- 348 McFadden, J. T., J. R. Ryckman, **G. P. Cooper**. 1964. A survey of some opinions of Michigan sport fishermen. Transactions of the American Fisheries Society 93(2):183-193.
- 386 **Cooper, G. P.** 1968. Book review of: Usinger, R. L. The life of rivers and streams. Transactions of the American Fisheries Society 97(3):307.

**COPELAND, J.**

- 529 Schneider, J.C., **Copeland, James**, Wolgamood, Martha. 2002. Tolerance of incubating walleye eggs to temperature fluctuation. North American Journal of Aquaculture 64: 75-78.

**CORBETT, O. M.**

- 271 Shetter, D. S., M. J. Whalls, **O. M. Corbett**. 1954. The effect of changed angling regulations on a trout population of the Au Sable River. Transactions of the Nineteenth North American Wildlife Conference, March 8, 9, and 10, 1954, pages 222-238.

**CORSI, S. R.**

- 564 **Corsi, S. R.**, J. F. Walker, L. Wang, J. A. Horwatich, and R. T. Bannerman. 2005. Effects of best-management practices in Otter Creek in the Sheboygan River priority watershed, Wisconsin, 1990–2002. U.S. Geological Survey, Scientific Investigations Report.

**COWAN, J. H., JR.**

- 556 Rutherford, E. S., K. A. Rose, and **J. H. Cowan, Jr.** 2003. Evaluation of the Sheperd and Cushing (1980) model of density-dependent survival: a case study using striped bass (*Morone saxatilis*) larvae in the Potomac River, Maryland, USA. ICES Journal of Marine Science 60:1275–1287.

**CRAWFORTH, E.**

- 542 Nichols, S.J., G. Kennedy, **E. Crawforth**, J. Allen, J. French III, G. Black, M. Blouin, J. Hickey, S. Chernyak, R. Haas, M. Thomas. 2003. Assessment of lake sturgeon (*Acipenser fulvescens*) spawning efforts in the lower St. Clair River, Michigan. Journal of Great Lakes Research, 29(3):383-391.

**CREASER, C. W.**

- 17 **Creaser, C. W.** 1929. The smelt in Lake Michigan. Science, Vol. 69(1798):623.

**CREQUE, S. M.**

- 568 **Creque, S. M.**, E. S. Rutherford, and T. G. Zorn. 2005. Use of GIS-derived landscape-scale habitat features to explain spatial patterns of fish density in Michigan rivers. North American Journal of Fisheries Management 25:1411–1425.

**CROLEY, T. E., II**

- 563 Madenjian, C. P., T. O. Höök, E. S. Rutherford, D. M. Mason, **T. E. Croley II**, E. B. Szalai, and J. R. Bence. 2005. Recruitment variability of alewives in Lake Michigan. Transactions of the American Fisheries Society 134:218–230.

**CROWE, W. R.**

- 100 Krumholz, L. A., **W. R. Crowe**. 1941. How to tell apart the fish that look alike. Michigan Conservation 11(4):6,7.
- 208 **Crowe, W. R.** 1950. Construction and use of small trap nets. The Progressive Fish-Culturist 12:185-192.
- 251 **Crowe, W. R.** 1953. An analysis of the fish population of Big Bear Lake, Otsego County, Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 38:187-206.
- 264 **Crowe, W. R.** 1954. Michigan sunfishes. Michigan Conservation 23(3):24-26.
- 275 **Crowe, W. R.** 1955. The bluegill population of Big Bear Lake, Otsego County, Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 40:111-117.
- 284 **Crowe, W. R.** 1955. Numerical abundance and use of a spawning run of walleyes in the Muskegon River, Michigan. Transactions of the American Fisheries Society 84:125-136.
- 285 Hubbs, C. L., **W. R. Crowe**. 1956. Preliminary analysis of the American cyprinid fishes, seven new, referred to the genus *Hybopsis*, subgenus *Erimystax*. The University of Michigan, Occasional Papers of the Museum of Zoology, No. 578.

- 333 **Crowe, W. R.** 1962. Homing behavior in walleyes. Transactions of the American Fisheries Society 91(4):350-354.
- 346 **Crowe, W. R.**, E. Karvelis, L. S. Joeris. 1963. The movement, heterogeneity, and rate of exploitation of walleyes in northern Green Bay, Lake Michigan, as determined by tagging. International Commission of N.W. Atlantic Fisheries Special Publication 4.
- 435 Schneider, J. C., P. H. Eschmeyer, **W. R. Crowe**. 1977. Longevity, survival, and harvest of tagged walleyes in Lake Gogebic, Michigan. Transactions of the American Fisheries Society 106(6):566-568.

**CURRY, L. L.**

- 269 **Curry, L. L.** 1954. Notes on the ecology of the midge fauna (Diptera:Tendipedidae) of Hunt Creek, Montmorency County, Michigan. Ecology 35(4):541-550

**CWALINSKI, T. A.**

- 912 Johnson, N. S., M. B. Twohey, S. M. Miehls, **T. A. Cwalinski**, N. A. Godby, A. Lochet, J. W. Slade, A. K. Jubar, and M. J. Siefkes. 2016. Evidence that sea lampreys (*Petromyzon marinus*) complete their life cycle within a tributary of the Laurentian Great lakes by parasitizing fishes in inland lakes. Journal of Great Lakes Research 42:90-98.

**DALE, A. R.**

- 539 Fitzgerald, D. G., **A. R. Dale**, M. V. Thomas, P. F. Sale. 2001. Application of otolith analyses to investigate broad size distributions of young yellow perch in temperate lakes. Journal of Fish Biology 58: 248-263.

**DAVIS, C. M.**

- 7 McMurry, K. C., R. W. Eschmeyer, **C. M. Davis**. 1933. Objectives and methods in the lake inventory in Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 18:259-276.

**DEBOER, M. J.**

- 267 **DeBoer, M. J.**, J. E. Williams. 1954. Meet Mr. Musky. Michigan Conservation 23(4):12-16.

**DEROBA, J. J.**

- 700 **Deroba, J. J.**, and J. R. Bence. 2009. Developing model-based indices of lake whitefish abundance using commercial fishery catch and effort data in lakes Huron, Michigan, and Superior. North American Journal of Fisheries Management 29:50-63.

**DESORCIE, T. J.**

- 536 Höök, T., E. Rutherford, S. Brines, D. M. Mason, D. J. Schwab, M. J. McCormick, G. W. Fleischer, **T. J. DeSorcie**. 2003. Spatially explicit measures of production of young alewives in Lake Michigan: linkage between essential fish habitat and recruitment. Estuaries 26 (1): 21-29

**DETTMERS, J. M.**

- 550 Clapp, D. F., and **J. M. Dettmers**. 2004. Yellow perch research and management in Lake Michigan: evaluating progress in a cooperative effort, 1997–2001. *Fisheries* 29(11):11–19.
- 657 Beletsky, D., D. M. Mason, D. J. Schwab, E. S. Rutherford, J. Janssen, D. F. Clapp, and **J. M. Dettmers**. 2007. Biophysical model of larval yellow perch advection and settlement in Lake Michigan. *Journal of Great Lakes Research* 33:842–866.
- 753 Vandergoot, C. S., K. J. Murchie, S. J. Cooke, **J. M. Dettmers**, R. A. Bergstedt, and D. G. Fielder. 2011. Evaluation of two forms of electroanesthesia and carbon dioxide for short-term anesthesia in walleye. *North American Journal of Fisheries Management* 31(5):914–922.
- 804 Hayden, T. A., C. M. Holbrook, D. G. Fielder, C. S. Vandergoot, R. A. Bergstedt, **J. M. Dettmers**, C. C. Kruger, and S. J. Cooke. 2014. Acoustic telemetry reveals large-scale migration patterns of walleye in Lake Huron. *PLoS ONE* 9(12):E114833.
- 836 Peat, T. B., T. A. Hayden, L. F. G., Gutowsky, C. S. Vandergoot, D. G. Fielder, C. P. Madenjian, K. J. Murchie, **J. M. Dettmers**, C. C. Krueger, and S. J. Cooke. 2015. Seasonal thermal ecology of adult walleye (*Sander vitreus*) in Lake Huron and Lake Erie. *Journal of Thermal Biology* 53:98–106.
- 915 Hayden, T. A., T. R. Binder, C. M. Holbrook, C. S. Vandergoot, D. G. Fielder, S. J. Cooke, **J. M. Dettmers**, and C. C. Krueger. 2017. Spawning site fidelity and apparent annual survival of walleye (*Sander vitreus*) differ between a Lake Huron and Lake Erie tributary. 2017. *Ecology of Freshwater Fish* 1-11. DOI: 10.1111/eff.12350.

**DEXTER, J. L.**

- 696 Claramunt, R. M., T. L. Kolb, D. F. Clapp, D. B. Hayes, **J. L. Dexter, Jr.**, and D. M. Warner. 2009. Effects of increasing Chinook salmon bag limits on alewife abundance: implications for Lake Michigan management goals. *North American Journal of Fisheries Management* 29:829–842.

**DIANA, C. M.**

- 594 **Diana, C. M.**, J. L. Jonas, R. M. Claramunt, J. D. Fitzsimons, and J. E. Marsden. 2006. A comparison of methods for sampling round goby in rocky littoral areas. *North American Journal of Fisheries Management* 26:514–522.

**DIANA, J. S.**

- 487 **Diana, J. S.** 1987. Simulation of mechanisms causing stunting in northern pike populations. *Transactions of the American Fisheries Society* 116:612–617.
- 498 Clapp, D. F., R. D. Clark, Jr., **J. S. Diana**. 1990. Range, activity, and habitat of large, free-ranging brown trout in a Michigan stream. *Transactions of the American Fisheries Society* 119:1022–1034.
- 598 Schaeffer, J. S., R. C. Haas, **J. S. Diana**, and J. E. Breck. 1999. Field test of two energetic models for yellow perch. *Transactions of the American Fisheries Society* 128:414–435.

- 825 **Diana, J. S.**, P. Hanchin, and N. Popoff. 2015. Movement patterns and spawning sites of muskellunge *Esox masquinongy* in the Antrim chain of lakes, Michigan. Environmental Biology of Fishes 98(3):833-844.

**DIANA, M. J.**

- 582 **Diana, M.**, J. D. Allan, and D. M. Infante. 2006. The influence of physical habitat and land use on stream fish assemblages in southeastern Michigan. American Fisheries Society Symposium 48:359–373.
- 896 Edison, T. W., D. H. Wahl, **M. J. Diana**, D. P. Philipp, and D. J. Austen. 2006. Angler opinion of potential Bluegill regulations on Illinois lakes: effects of angler demographics and Bluegill population size structure. North American Journal of Fisheries Management 26:800-811.
- 897 **Diana, M. J.**, and D. H. Wahl. 2008. Long-term stocking success of Largemouth Bass and the relationship to natural populations. American Fisheries Society Symposium 62:413-426.
- 898 **Diana, M. J.**, and D. H. Wahl. 2009. Growth and survival of four sizes of stocked Largemouth Bass. North American Journal of Fisheries Management 29:1653-1663.
- 899 Wahl, D. H., **M. J. Diana**, J. P. Parkos III, R. W. Oplinger, C. S. DeBoom, E. L. Effert, M. P. Carey, B. P. Olds, J. E. Claussen, B. L. Barthel, M. M. VanLandeghem, J. A. Stein, C. P. Wagner, M. A. Nannini, L. M. Einfalt, C. D. Suski, and D. P. Philipp. 2009. 150 years of fishery science: changes, progress, and the role of the Illinois Natural History Survey. Pages 177–198 in C. A. Taylor, J. B. Taft, and C. E. Warwick, editors. Canaries in the catbird seat. Illinois Natural History, Special Publication 30, Champaign.
- 900 Butler, S. E., J. A. Freedman, **M. J. Diana**, and D. H. Wahl. 2011. Understanding the Asian carp invasion. Illinois Natural History Survey Reports 406:1-8.
- 903 **Diana, M. J.**, A. L. Larsen, M. J. Siepker, and D. H. Wahl. 2012. Effects of tournament compared with catch and release angling on nest abandonment of Largemouth Bass. North American Journal of Fisheries Management 32:832-837.
- 904 Freedman, J. A., K. Nelson, S. E. Butler, **M. J. Diana**, and D. H. Wahl. 2013. Understanding the effects of Asian carp on native fishes. Illinois Natural History Survey Reports 410:2-3.
- 906 Oplinger, R. W., **M. J. Diana**, and D. H. Wahl. 2013. Population social structure and gizzard shad density influence the size-specific growth of Bluegill. Canadian Journal of Fisheries and Aquatic Science 70:1278-1288.
- 907 Nannini, M. A., **M. J. Diana**, J. E. Claussen, D. P. Philipp, and D. H. Wahl. 2014. Assessing the long-term reproductive contribution of stocked fish to Largemouth Bass populations. Transactions of the American Fisheries Society 143:606-612.
- 908 Collins, S. F., S. E. Butler, **M. J. Diana**, and D. H. Wahl. 2015. Catch rates and cost effectiveness of entrapment gears for Asian Carp: A comparison of pound nets, hoop nets, and fyke nets in backwater lakes of the Illinois River. North American Journal of Fisheries Management 35:1219-1225.

- 909 **Diana, M. J.**, and D. H. Wahl. 2015. Can tournament angling of Largemouth Bass affect lake-wide recruitment? Illinois Natural History Survey Reports 413:21-22.
- 910 Gring, J. P., **M. J. Diana**, and D. H. Wahl. 2015. Juvenile crappie growth and survival: implications for stocking and management using Blacknose Crappie. Illinois Natural History Survey Reports 413:2-3.
- 913 Collins, S. F., **M. J. Diana**, S. E. Butler, and D. H. Wahl. 2017. A comparison of sampling gears for capturing juvenile Silver Carp in river-floodplain ecosystems. North American Journal of Fisheries Management 37:94-100.
- 914 **Diana, M. J.**, C. P. Wagner, and D. H. Wahl. 2017. Differences in stocking success among geographically distinct stocks of juvenile Muskellunge in Illinois lakes. North American Journal of Fisheries Management 37:633-643.

**DOBIE, J. R.**

- 180 **Dobie, J. R.**, O. L. Meehean, G. N. Washburn. 1948. Propagation of minnows and other bait species. the U. S. Department of the Interior, Fish and Wildlife Service, Circular 12.

**DODGE, D. P.**

- 461 Biette, R. M., **D. P. Dodge**, R. L. Hassinger, T. M. Stauffer. 1981. Life history and timing of migrations and spawning behavior of rainbow trout (*Salmo gairdneri*) populations of the Great Lakes. Canadian Journal of Fisheries and Aquatic Sciences 38(12):1759-1771.

**DRAKE, M. T.**

- 517 Beard, Jr., T. D., **M. T. Drake**, J. E. Breck, N. A. Nate. 1997. Effects of simulated angling regulations on stunting in bluegill populations. North American Journal of Fisheries Management 17:525-532.
- 538 Hayes, D. B., W. W. Taylor., **M. T. Drake**, S. M. Marod, G. E. Whelan. 1998. The value of headwaters to brook trout (*Salvelinus fontinalis*) in the Ford River, Michigan, USA. Headwaters: Water Resources and Soil Conservation. Proceedings of Headwater '98, the Fourth International Conference on Headwater Control. Chapter 16, pp. 175-185.

**DUFOUR, E.**

- 571 **Dufour, E.**, W. P. Patterson, T. O. Höök, and E. S. Rutherford. 2005. Early life history of Lake Michigan alewives (*Alosa pseudoharengus*) inferred from intra-otolith stable isotope ratios. Canadian Journal of Fisheries and Aquatic Science 62:2362–2370.

**DUNN, W. H.**

- 466 Hansen, E. A., G. R. Alexander, **W. H. Dunn**. 9183. Sand sediment in a Michigan trout stream. Part I. A technique for removing sand bedload from streams., North American Journal of Fisheries Management 3:355-364.

**EBENER, M. P.**

- 514 Eshenroder, R. L., N. R. Payne, J. E. Johnson, C. Bowen II, **M. P. Ebener**. 1995. Lake trout rehabilitation in Lake Huron. Journal of Great Lakes Research 21 (Supplement 1):108-127.

- 524 Sitar, S. P., J. R. Bence, J. E. Johnson, **M. P. Ebener**, W. W. Taylor. 1999. Lake trout mortality and abundance in southern Lake Huron. North American Journal of Fisheries Management 19:881-900.
- 549 Johnson, J. E., J. X. He, A. P. Woldt, **M. P. Ebener**, and L. C. Mohr. 2004. Lessons in rehabilitation stocking and management of lake trout in Lake Huron. the American Fisheries Society Symposium 44:161–175.
- 602 Madenjian, C. P., G. L. Fahnstiel, T. H. Johengen, T. F. Nalepa, H. A. Vanderploeg, G. W. Fleischer, P. J. Schneeberger, D. M. Benjamin, E. B. Smith, J. R. Bence, E. S. Rutherford, D. S. Lavis, D. M. Robertson, D. J. Jude, and **M. P. Ebener**. 2002. Dynamics of the Lake Michigan food web, 1970–2000. Canadian Journal of Fisheries and Aquatic Sciences 59:736–753.
- 613 **Ebener, M. P.**, J. R. Bence, R. A. Bergstedt, and K. M. Mullett. 2003. Classifying sea lamprey marks on Great Lakes lake trout: observer agreement, evidence on healing times between classes, and recommendations for reporting of marking statistics. Journal of Great Lakes Research 29 (Supplement 1):283–296.
- 614 Bence J. R., R. A. Bergstedt, G. C. Christie, P. A. Cockran, **M. P. Ebener**, J. F. Koonce, M. A. Rutter, and W. D. Swink. 2003. Sea lamprey (*Petromyzon marinus*) parasite-host interactions in the Great Lakes. Journal of Great Lakes Research 29 (Supplement 1):253–282.
- 615 Stewart, T. J., J. R. Bence, R. A. Bergstedt, **M. P. Ebener**, F. Lupi, and M. A. Rutter. 2003. Recommendations for assessing sea lamprey damages: toward optimizing the control program in the Great Lakes. Journal of Great Lakes Research 29 (Supplement 1):783–793.
- 649 Sitar, S. P., C. R. Bronte, **M. P. Ebener**, W. P. Mattes, M. Petzold, S. T. Schram, and D. R. Schreiner. 2007. Lake trout. Pages 49–61 in M. P. Ebener, editor. The state of Lake Superior in 2000. Great Lakes Fishery Commission Special Publication 07-02.
- 658 Ray, B. A., T. R. Hrabik, **M. P. Ebener**, O. T. Gorman, D. R. Schreiner, S. T. Schram, S. P. Sitar, W. P. Mattes, and C. R. Bronte. 2007. Diet and prey selection by Lake Superior lake trout during spring, 1986-2001. Journal of Great Lakes Research 33:104–113.
- 666 He, J. X., J. R. Bence, J. E. Johnson, D. F. Clapp, and **M. P. Ebener**. 2008. Modeling variation in mass-length relations and condition indices of lake trout and Chinook salmon in Lake Huron: a hierarchical Bayesian approach. Transactions of the American Fisheries Society 137:801–817.
- 668 Bronte, C. R., J. L. Jonas, M. E. Holey, R. L. Eshenroder, M. L. Toneys, P. McKee, B. Breidert, R. M. Claramunt, **M. P. Ebener**, C. C. Krueger, G. Wright, and R. Hess. 2003. Possible impediments to lake trout restoration in Lake Michigan. Lake Michigan Lake Trout Task Group, Lake Michigan Committee, Great Lakes Fishery Commission, Ann Arbor, Michigan.
- 672 Bronte, C. R., M. E. Holey, C. P. Madenjian, J. L. Jonas, R. M. Claramunt, P. C. McKee, M. L. Toneys, **M. P. Ebener**, B. Breidert, G. W. Fleischer, R. Hess, A. W. Martell, Jr., and E. J. Olsen. 2007. Relative abundance, site fidelity, and survival of adult lake trout in Lake Michigan from 1999 to 2001: implications for future restoration strategies. North American Journal of Fisheries Management 27(1):137-155.

- 707 Stockwell, J. D., **M. P. Ebener**, J. A. Black, O. T. Gorman, T. R. Hrabik, R. E. Kinnunen, W. P. Mattes, J. K. Oyadomari, S. T. Schram, D. R. Schreiner, M. J. Seider, S. P. Sitar, and D. L. Yule. 2009. A synthesis of cisco recovery in Lake Superior: implications for native fish rehabilitation in the Laurentian Great Lakes. North American Journal of Fisheries Management 29:626-652.
- 712 Blukacz, E. A., M. A. Koops, T. M. Sutton, M. T. Arts, J. D. Fitzsimons, A. M. Muir, R. M. Claramunt, T. B. Johnson, R. E. Kinnunen, **M. P. Ebener**, C. Suski, and G. Burness. 2010. Linking lake whitefish (*Coregonus clupeaformis*) condition with male gamete quality and quantity. Journal of Great Lakes Research 36(Supplement 1):78-83.
- 715 Claramunt, R. M., A. M. Muir, T. M. Sutton, P. J. Peeters, **M. P. Ebener**, J. D. Fitzsimons, and M. A. Koops. 2010. Measures of larval lake whitefish length and abundance as early predictors of year-class strength in Lake Michigan. Journal of Great Lakes Research 36(Supplement 1):84-91.
- 725 Madenjian, C. P., S. A. Pothoven, P. J. Schneeberger, **M. P. Ebener**, L. C. Mohr, T. F. Nalepa, and J. R. Bence. 2010. Dreissenid mussels are not a “dead end” in Great Lakes food webs. Journal of Great Lakes Research 36:73-77.
- 727 Muir, A. M., T. M. Sutton, M. T. Arts, R. M. Claramunt, **M. P. Ebener**, J. D. Fitzsimons, T. B. Johnson, R. E. Kinnunen, M. A. Koops, and M. M. Sepúlveda. 2010. Does condition of Lake Whitefish spawners affect physiological condition of juveniles? Journal of Great Lakes Research 36(Supplement 1):92-99.
- 756 Yule, D. L., S. A. Moore, **M. P. Ebener**, R. M. Claramunt, T. C. Pratt, L. L. Salawater, and M. J. Connerton. 2011. Morphometric variation among spawning cisco aggregations in the Laurentian Great Lakes: are historic forms still present? Advances in Limnology 64:119-132.
- 828 He, J. X., J. R. Bence, C. P. Madenjian, S. A. Pothoven, N. E. Dobiesz, D. G. Fielder, J. E. Johnson, **M. P. Ebener**, R. A. Cottrill, L. C. Mohr, and S. R. Koproski. 2015. Coupling age-structured stock assessment and fish bioenergetics models: a system of time-varying models for quantifying piscivory patterns during the rapid trophic shift in the main basin of Lake Huron. Canadian Journal of Fisheries and Aquatic Sciences 72:7-23.
- 834 Myers, J. T., D. L. Yule, M. L. Jones, T. D. Ahrenstorff, T. R. Hrabik, R. M. Claramunt, **M. P. Ebener**, and E. K. Berglund. 2015. Spatial synchrony in cisco recruitment. Fisheries Research 165:11-21.
- 845 Bence, J. R., C. P. Madenjian, J. X. He, D. G. Fielder, S. A. Pothoven, N. E. Dobiesz, J. E. Johnson, **M. P. Ebener**, R. A. Cottrill, L. C. Mohr, and S. R. Koproski. 2016. Reply to comments by Riley and Dunlop on He et al. (2015). Canadian Journal of Fisheries and Aquatic Sciences 73(5):865-868.
- 865 Muir, A. M., **M. P. Ebener**, J. X. He, and J. E. Johnson. 2008. A comparison of the scale and otolith methods of age estimation for lake whitefish in Lake Huron. North American Journal of Fisheries Management 28:625-635.
- 867 He, J. X., **M. P. Ebener**, S. C. Riley, A. Cottrill, A. Kowalski, S. Koproski, L. Mohr, and J. E. Johnson. 2012. Lake trout status in the main basin of Lake Huron, 1973-2010. North American Journal of Fisheries Management 32(2):402-412.

- 872 Riley, S. C., T. R. Binder, N. J. Wattrus, M. D. Faust, J. Janssen, J. Menzies, J. E. Marsden, **M. P. Ebener**, C. R. Bronte, J. X. He, T. R. Tucker, M. J. Hansen, H. T. Thompson, A. M. Muir, and C. C. Krueger. 2014. Lake trout in northern Lake Huron spawn on submerged drumlins. *Journal of Great Lakes Research* 40:415-420.
- 876 Myers, J. T., D. L. Yule, M. L. Jones, T. D. Ahrenstorff, T. R. Hrabik, R. M. Claramunt, **M. P. Ebener**, and E. K. Berglund. 2015. Spatial synchrony in cisco recruitment. *Fisheries Research* 165:11-21.
- 885 He, J. X., J. R. Bence, E. F. Roseman, D. G. Fielder, and **M. P. Ebener**. 2016. Using time-varying asymptotic length and body condition of top piscivores to indicate ecosystem regime shift in the main basin of Lake Huron: a Bayesian hierarchical modeling approach. *Canadian Journal of Fisheries and Aquatic Sciences* 73:1092-1103.

**EISCH, E.**

- 846 Canale, R. P., G. Whelan, A. Switzer, and **E. Eisch**. 2016. A bioenergetic approach to manage production and control phosphorus discharges from a salmonid hatchery. *Aquaculture* 451:137-146.

**EISELE, P. J.**

- 500 Merna, J. W., **P. J. Eisele**, 1973. The effects of methoxychlor on aquatic biota. Project No. 18050-DLO, Office of Research and Monitoring, U.S. Environmental Protection Agency, Washington, D.C.

**ELLIS, R. J.**

- 297 **Ellis, R. J.**, H. Gowing. 1957. Relationship between food supply and condition of wild brown trout, *Salmo trutta* Linneaus, in a Michigan trout stream. *Limnology and Oceanography* 2(4):299-308.
- 319 **Ellis, R. J.** 1961. A life history study of *Asellus intermedius* Forbes. *Transactions of the American Microscopical Society* 80(1):80-102.
- 325 **Ellis, R. J.** 1962. Adult caddisflies (Trichoptera) from Houghton Creek, Ogemaw County, Michigan. *University of Michigan, Occasional Papers of the Museum of Zoology* No. 624.

**ELLROTT, B. J.**

- 590 Marsden, J. E., **B. J. Ellrott**, R. M. Claramunt, J. L. Jonas, and J. D. Fitzsimons. 2005. A comparison of lake trout spawning, fry emergence, and habitat use in lakes Michigan, Huron, and Champlain. *Journal of Great Lakes Research* 31:492–508.
- 591 Fitzsimons, J. D., B. Williston, G. Williston, G. Bravener, J. L. Jonas, R. M. Claramunt, J. E. Marsden, and **B. J. Ellrott**. 2006. Laboratory estimates of salmonine egg predation by round gobies (*Neogobius melanostomus*), sculpins (*Cottus cognatus* and *C. bairdi*), and crayfish (*Orconectes propinquus*). *Journal of Great Lakes Research* 32:227–241.
- 673 **Ellrott, B. J.**, J. E. Marsden, J. D. Fitzsimons, J. L. Jonas, and R. M. Claramunt. 2007. Effects of temperature and density on consumption of trout eggs by *Orconectes propinquus* and *O. rusticus*. *Journal of Great Lakes Research* 33(1):7-14.

- 674 Fitzsimons, J. D., J. L. Jonas, R. M. Claramunt, B. Williston, G. Williston, J. E. Marsden, **B. J. Ellrott**, and D. C. Honeyfield. 2007. Influence of egg predation and physical disturbance on lake trout *Salvelinus namaycush* egg mortality and implications for life-history theory. Journal of Fish Biology 71(1):1-16.

**ESCHMEYER, P. H.**

- 306 **Eschmeyer, P. H.** 1959. Survival and retention of tags, and growth of tagged lake trout in a rearing pond. The Progressive Fish-Culturist 21(1):17-21.
- 435 Schneider, J. C., **P. H. Eschmeyer**, W. R. Crowe. 1977. Longevity, survival, and harvest of tagged walleyes in Lake Gogebic, Michigan. Transactions of the American Fisheries Society 106(6):566-568.

**ESCHMEYER, R. W.**

- 7 McMurry, K. C., **R. W. Eschmeyer**, C. M. Davis. 1933. Objectives and methods in the lake inventory in Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 18:259-276.
- 22 **Eschmeyer, R. W.** 1936. Analysis of the game-fish catch in a Michigan lake. Transactions of the American Fisheries Society 65:207-233.
- 31 **Eschmeyer, R. W.** 1937. Some characteristics of a population of stunted perch. Papers of the Michigan Academy of Science, Arts, and Letters 22:613-628.
- 32 **Eschmeyer, R. W.** 1936. Essential considerations for fish management in lakes. Proceedings of the North American Wildlife Conference 1936:332-339.
- 34 **Eschmeyer, R. W.** 1937. A second season of creel census on Fife Lake. Transactions of the American Fisheries Society 66:324-334.
- 35 Hazzard, A. S., **R. W. Eschmeyer**. 1937. A comparison of summer and winter fishing in Michigan lakes. Transactions of the American Fisheries Society 66:87-97.
- 42 **Eschmeyer, R. W.** 1937. The Michigan creel census. Transactions of the Second North American Wildlife Conference 1937:625-634.
- 44 Hazzard, A. S., **R. W. Eschmeyer**. 1938. Analysis of the fish catch for one year in the Waterloo project area. Papers of the Michigan Academy of Science, Arts, and Letters 23:633-643.
- 45 Hubbs, C. L., **R. W. Eschmeyer**. 1938. The improvement of lakes for fishing. Michigan Conservation Bulletin No. 2.
- 46 **Eschmeyer, R. W.** 1938. Further studies of perch populations. Papers of the Michigan Academy of Science, Arts, and Letters 23:611-631.

- 47 Michigan Conservation, April 1938, Vol. 7, No. 8--contains the following articles:  
A. S. Hazzard, D. S. Shetter. Shall we plant more legal fish? (pages 3 and 10);  
D. S. Shetter, Rainbows (pages 6, 7, 11);  
**R. W. Eschmeyer**, Trout angling hold its own (page 8);  
A. S. Hazzard, Female builds the nest and male does the courting (page 9);  
**R. W. Eschmeyer**, Lakes are restored by poisoning old fish, stocking with new (page 9);  
J. W. Leonard, How Michigan handles the beaver/trout problem (page 11).
- 48 Michigan Conservation, June 1938, Vol. 7, No. 10--contains the following articles:  
J. W. Leonard, When a fish and a burr collide (page 3);  
H. van der Schalie, Hitch-hiking mussels and pearl buttons (pages 4, 5, 11);  
W. F. Carbine, Tricks to know about the lowly fish-worm (pages 6, 10);  
C. J. D. Brown, The Montana grayling in Michigan (pages 7, 9);  
A. S. Hazzard, **R. W. Eschmeyer**, How really expert is an expert fisherman? (page 8);  
D. S. Shetter, Fish inventory means counting job (pages 8, 10);  
**R. W. Eschmeyer**, Two x two doesn't always equal four (page 10);  
J. T. Wilkinson, Hunt ways to reduce trout food costs (page 11).
- 56 **Eschmeyer, R. W.** 1938. Experimental management of a group of small Michigan lakes.  
Transactions of the American Fisheries Society 67:120-129.
- 58 **Eschmeyer, R. W.** 1938. The significance of fish population studies in lake management.  
Transactions of the Third North American Wildlife Conference 1938:458-468.
- 64 **Eschmeyer, R. W.**, O. H. Clark. 1939. Analysis of the populations of fish in the waters of the  
Mason Game Farm, Mason, Michigan. Ecology 20(2):272-286.
- 67 **Eschmeyer, R. W.** 1939. Analysis of the complete fish population from Howe Lake,  
Crawford County, Michigan. Papers of the Michigan Academy of Science, Arts, and  
Letters 24:117-137.
- 73 **Eschmeyer, R. W.** 1939. Summary of a four-year creel census on Fife Lake, Michigan.  
Transactions of the American Fisheries Society 68:354-358.

**ESHENRODER, R. L.**

- 429 **Eshenroder, R. L.** 1977. Effects of intensified fishing, species changes, and spring water  
temperatures on yellow perch, *Perca flavescens*, in Saginaw Bay. Journal of the Fisheries  
Research Board of Canada 34(10):1830-1838.
- 509 **Eshenroder, R. L.**, M. E. Holey, T. K. Gorenflo, R. D. Clark, Jr. 1995. Fish-community  
objectives for Lake Michigan. Great Lakes Fishery Commission Special Publication 95-  
3. 56pp.
- 513 **Eshenroder, R. L.**, C. R. Bronte, J. W. Peck. 1995. Comparison of lake trout-egg survival at  
inshore and offshore and shallow-water and deepwater sites in Lake Superior. Journal of  
Great Lakes Research 21 (Supplement 1):313-322.
- 514 **Eshenroder, R. L.**, N. R. Payne, J. E. Johnson, C. Bowen II, M. P. Ebener. 1995. Lake trout  
rehabilitation in Lake Huron. Journal of Great Lakes Research 21 (Supplement 1):108-  
127.

- 668 Bronte, C. R., J. L. Jonas, M. E. Holey, **R. L. Eshenroder**, M. L. Toneys, P. McKee, B. Breidert, R. M. Claramunt, M. P. Ebener, C. C. Krueger, G. Wright, and R. Hess. 2003. Possible impediments to lake trout restoration in Lake Michigan. Lake Michigan Lake Trout Task Group, Lake Michigan Committee, Great Lakes Fishery Commission, Ann Arbor, Michigan.
- 678 Bronte, C. R., C. C. Krueger, M. E. Holey, M. L. Toneys, **R. L. Eshenroder**, and J. L. Jonas. 2008. A Guide for the rehabilitation of lake trout in Lake Michigan. Great Lakes Fishery Commission, Miscellaneous Publication 2008-01, Ann Arbor, Michigan.

**ESSELMAN, P. C.**

- 813 Melstrom, R. T., F. Lupi, **P. C. Esselman**, and R. J. Stevenson. 2014. Valuing recreational fishing quality at rivers and streams. Water Resources Research 51:140-150.
- 826 **Esselman, P. C.**, R. J. Stevenson, F. Lupi, C. M. Riseng, and M. J. Wiley. 2015. Landscape prediction and mapping of game fish biomass, and ecosystem service of Michigan rivers. North American Journal of Fisheries Management 35(2):302-320.

**FABRIZIO, M. C.**

- 486 **Fabrizio, M. C.** 1987. Contribution of Chesapeake Bay and Hudson River stocks of striped bass to Rhode Island coastal waters as estimated by isoelectric focusing of eye lens problems. the Transactions of the American Fisheries Society 116:588-593.
- 490 **Fabrizio, M. C.** 1987. Growth-invariant discrimination and classification of striped bass stocks by morphometric and electrophoretic methods. the Transactions of the American Fisheries Society 116:728-736.
- 493 **Fabrizio, M. C.** 1988. Book review of: Luminescence, narcosis, and life in the deep sea. by Frank H. Johnson, Vantage Press, New York. Reprinted in Transactions of the American Fisheries Society 117(6):
- 501 **Fabrizio, M. C.**, J. R. Ryckman, R. N. Lockwood. Evaluation of sampling methodologies of the Lake Michigan creek survey. 1991. American Fisheries Society Symposium 12:162-176.

**FAISAL, M.**

- 768 Loch, T. P., K. Scribner, R. Tempelman, G. Whelan, and **M. Faisal**. 2012. Bacterial infections of Chinook salmon, *Oncorhynchus tshawytscha* (Walbaum), returning to gamete collecting weirs in Michigan. Journal of Fish Diseases 35:39-50.

**FANSELLOW, F. G.**

- 195 Michigan Conservation, 1949, Vol. 18, No. 4 contains the following:  
H. A. Loeb, A study of Houghton Lake fishing (pages 7-9);  
V. C. Applegate, The sea lamprey in Michigan (pages 13-15);  
**F. G. Fanselow**, Public fishing sites (pages 26-29). .

**FIELDER, D. G.**

- 520 Fisher, S. J., **D. G. Fielder**. 1998. A standard weight equation to assess the condition of North American lake herring (*Coregonus artedi*) Journal of Freshwater Ecology 13(3):269-277.
- 526 **Fielder, D.G.** 2000. Lake herring spawning grounds of the St. Mary's River with some potential implications for early spring navigation. North American Journal of Fisheries Management 20:552-561.
- 533 **Fielder, D.G.** 2002. Sources of walleye recruitment in Saginaw Bay, Lake Huron. North American Journal of Fisheries Management 22: 1032-1040.
- 548 **Fielder, D. G.** 2004. Increasing predation through walleye fingerling stocking: a recovery tool for Saginaw Bay, Lake Huron. the American Fisheries Society Symposium 44:105–112.
- 559 **Fielder, D. G.** 2004. Collapse of the yellow perch fishery in Les Cheneaux Islands, Lake Huron and possible causes. Pages 129–130 in T. P. Barry and J. A. Malison, editors. Proceedings of PERCIS III, the Third International Percid Fish Symposium, University of Wisconsin, Madison, Wisconsin, U.S.A., July 20–24, 2003. Madison, Wisconsin: University of Wisconsin Sea Grant Institute.
- 681 **Fielder, D. G.** 2008. Examination of factors contributing to the decline of the yellow perch population and fishery in Les Cheneaux Islands, Lake Huron, with emphasis on the role of double-crested cormorants. Journal of Great Lakes Research 34:506–523.
- 682 **Fielder, D. G.**, A. Liskauskas, L. C. Mohr, and J. Boase. 2008. Nearshore fish community. Pages 47-51 in J. R. Bence and L. C. Mohr, editors. The state of Lake Huron in 2004. Great Lakes Fishery Commission Special Publication 08-01, Ann Arbor, Michigan.
- 709 Wang, H-Y., H. A. Cook, D. W. Einhouse, **D. G. Fielder**, K. A. Kayle, L. G. Rudstam, and T.O. Höök. 2009. Maturation schedules of walleye populations in the Great Lakes region: comparison of maturation indices and evaluation of sampling-induced biases. North American Journal of Fisheries Management 29(6):1540–1554.
- 719 **Fielder, D. G.** 2010. Response of yellow perch in Les Cheneaux Islands, Lake Huron to declining numbers of double-crested cormorants stemming from control activities. Journal of Great Lakes Research 36:207–214.
- 720 **Fielder, D. G.**, A. P. Liskauskas, D. J. A. Gonner, L. C. Mohr, and M. V. Thomas. 2010. Status of walleye in Lake Huron. Pages 71-90 in E. Roseman, P. Kocovsky, and C. Vandergoot, editors. Status of walleye in the Great Lakes: proceedings of the 2006 Symposium. Great Lakes Fishery Commission Technical Report 69, Ann Arbor, Michigan.
- 745 Ivan, L. N., T. O. Höök, M. V. Thomas, and **D. G. Fielder**. 2011. Long-term and interannual dynamics of walleye and yellow perch in Saginaw Bay, Lake Huron. Transactions of the American Fisheries Society 140(4):1078-1092.
- 749 Schaeffer, J. S., **D. G. Fielder**, N. Godby, A. Bowen, L. O'Connor, J. Parrish, S. Greenwood, S. Chong, and G. Wright. 2011. Long-term trends in the St. Marys River open water fish community. Journal of Great Lakes Research 37:70-79.

- 753 Vandergoot, C. S., K. J. Murchie, S. J. Cooke, J. M. Dettmers, R. A. Bergstedt, and **D. G. Fielder**. 2011. Evaluation of two forms of electroanesthesia and carbon dioxide for short-term anesthesia in walleye. North American Journal of Fisheries Management 31(5):914-922.
- 759 Dorr, B. S., S. L. Hanish, P. H. Butchko, and **D. G. Fielder**. 2012. Management of double-crested cormorants to improve sport fisheries in Michigan: three case studies. Human–Wildlife Interactions 6(1):155-168.
- 770 Ridgway, M. S., and **D. G. Fielder**. 2012. Double-crested cormorants in the Laurentian Great Lakes: issues and ecosystems. Pages 733-764 in W. W. Taylor, A. J. Lynch, and N. J. Leonard, editors. Great Lakes fisheries policy and management: a binational perspective, second edition. Michigan State University Press, East Lansing.
- 772 Wang, H.-Y., D. W. Einhouse, **D. G. Fielder**, L. G. Rudstam, C. S. Vandergoot, A. J. VanDeValk, T. G. Zorn, and T. O. Höök. 2012. Maternal and stock effects on egg-size variation among walleye *Sander vitreus* stocks from the Great Lakes region. Journal of Great Lakes Research 38:477–489.
- 784 **Fielder, D. G.**, A. Liskauskas, L. Mohr, and J. Boase. 2013. Status of nearshore fish communities. Pages 60-70 in S. Riley, editor. The State of Lake Huron in 2010. Great Lakes Fishery Commission, Special Publication 13-01, Ann Arbor, Michigan.
- 802 **Fielder, D. G.**, and J. R. Bence. 2014. Integration of auxiliary information in statistical catch-at-age (SCA) analysis of the Saginaw Bay stock of Walleye in Lake Huron. North American Journal of Fisheries Management 34(5):970-987.
- 804 Hayden, T. A., C. M. Holbrook, **D. G. Fielder**, C. S. Vandergoot, R. A. Bergstedt, J. M. Dettmers, C. C. Kruger, and S. J. Cooke. 2014. Acoustic telemetry reveals large-scale migration patterns of walleye in Lake Huron. PLoS ONE 9(12):E114833.
- 809 Ivan, L. N., **D. G. Fielder**, M. V. Thomas, and T. O. Höök. 2014. Changes in the Saginaw Bay, Lake Huron, fish community from 1970-2011. Journal of Great Lakes Research 40(4):922-933.
- 815 Roseman, E. F., J. S. Schaeffer, E. Bright, and **D. G. Fielder**. 2014. Angler-caught piscivore diets reflect fish community changes in Lake Huron. Transactions of the American Fisheries Society 143(6):1419-1433.
- 817 Staton, J. M., C. R. Roswell, **D. G. Fielder**, M. V. Thomas, S. A. Pothoven, and T. O. Höök. 2014. Condition and diet of yellow perch in Saginaw Bay, Lake Huron (1970-2011). Journal of Great Lakes Research 40(Supplement 1):139–147.
- 823 Brenden, T. O., K. T. Scribner, J. R. Bence, I. Tsehay, J. Kanefsky, C. S. Vandergoot, and **D. G. Fielder**. 2015. Contributions of Lake Erie and Lake St. Clair Walleye populations to the Saginaw Bay, Lake Huron, recreational fishery: evidence from genetic stock identification. North American Journal of Fisheries Management 35(3):567-577.
- 828 He, J. X., J. R. Bence, C. P. Madenjian, S. A. Pothoven, N. E. Dobiesz, **D. G. Fielder**, J. E. Johnson, M. P. Ebener, R. A. Cottrill, L. C. Mohr, and S. R. Koproski. 2015. Coupling age-structured stock assessment and fish bioenergetics models: a system of time-varying models for quantifying piscivory patterns during the rapid trophic shift in the main basin of Lake Huron. Canadian Journal of Fisheries and Aquatic Sciences 72:7-23.

- 829 Johnson, J. E., J. X. He, and **D. G. Fielder**. 2015. Rehabilitation stocking of Walleyes and Lake Trout: restoration of reproducing stocks in Michigan waters of Lake Huron. North American Journal of Aquaculture 77(3):396-408.
- 836 Peat, T. B., T. A. Hayden, L. F. G., Gutowsky, C. S. Vandergoot, **D. G. Fielder**, C. P. Madenjian, K. J. Murchie, J. M. Dettmers, C. C. Krueger, and S. J. Cooke. 2015. Seasonal thermal ecology of adult walleye (*Sander vitreus*) in Lake Huron and Lake Erie. Journal of Thermal Biology 53:98-106.
- 839 Tsehay, I., M. L. Jones, B. J. Irwin, **D. G. Fielder**, J. E. Breck, and D. R. Luukkonen. 2015. A predictive model to inform adaptive management of double-crested cormorants and fisheries in Michigan. Natural Resource Modeling 28(3):348-376.
- 845 Bence, J. R., C. P Madenjian, J. X. He, **D. G. Fielder**, S. A. Pothoven, N. E. Dobiesz, J. E. Johnson, M. P. Ebener, R. A. Cottrill, L. C. Mohr, and S. R. Koproski. 2016. Reply to comments by Riley and Dunlop on He et al. (2015). Canadian Journal of Fisheries and Aquatic Sciences 73(5):865-868.
- 847 **Fielder, D. G.**, M. L. Jones, and J. R. Bence. 2016. Use of a structured approach to the analysis of management options and value of information for a recreationally exploited fish population: a case study of Walleyes in Saginaw Bay. North American Journal of Fisheries Management 36(2):407-420.
- 883 Fitzgerald, D. G., L. G. Rudstam, J. M. Casselman, B. J. Irwin, **D. G. Fielder**, T. J. Paoli, and C. E. Kraft. 2016. Fish community response to environmental perturbations: comparisons of Oneida Lake with three Bays of the Great Lakes. Pages 497–524 in L. G. Rudstam, E. L. Mills, J. R. Jackson, and D. J. Stewart, editors. Oneida Lake: Long-term Dynamics of a Managed Ecosystem and its Fisheries. American Fisheries Society, Bethesda, Maryland.
- 885 He, J. X., J. R. Bence, E. F. Roseman, **D. G. Fielder**, and M. P. Ebener. 2016. Using time-varying asymptotic length and body condition of top piscivores to indicate ecosystem regime shift in the main basin of Lake Huron: a Bayesian hierarchical modeling approach. Canadian Journal of Fisheries and Aquatic Sciences 73:1092-1103.
- 915 Hayden, T. A., T. R. Binder, C. M. Holbrook, C. S. Vandergoot, **D. G. Fielder**, S. J. Cooke, J. M. Dettmers, and C. C. Krueger. 2017. Spawning site fidelity and apparent annual survival of walleye (*Sander vitreus*) differ between a Lake Huron and Lake Erie tributary. 2017. Ecology of Freshwater Fish 1-11. DOI: 10.1111/eff.12350.

## **FISH DIVISION**

- 60 Fish Division. 1937-1938. Ninth Biennial Report of the Michigan Department of Conservation. 53 pp.
- 89 Fish Division. 1939-1940. Tenth Biennial Report of the Michigan Department of Conservation.
- 113 Fish Division. 1941-1942. the Eleventh Biennial Report of the Michigan Department of Conservation.
- 137 Fish Division. 1943-1944. the Twelfth Biennial Report of the Michigan Department of Conservation.

- 146 Fish Division. 1945-1946. the Thirteenth Biennial Report of the Michigan Department of Conservation. 1945-1946:217-233.
- 184 Fish Division. 1947-1948. the Fourteenth Biennial Report of the Michigan Department of Conservation.
- 214 Fish Division. 1949-1950. Fifteenth Biennial Report of the Michigan Department of Conservation, pages 65-132.
- 246 Fish Division. 1951-1952. Sixteenth Biennial Report of the Michigan Department of Conservation. Pages 69-111.
- 276 Fish Division. 1953-1954. Seventeenth Biennial Report of the Michigan Department of Conservation, pages 79-120.
- 289 Fish Division. 1955-1956. the Eighteenth Biennial Report of the Michigan Department of Conservation, pages 53-93.
- 304 Fish Division. 1957-1958. the Nineteenth Biennial Report of the Michigan Department of Conservation.
- 320 Fish Division. 1959-1960. Twentieth Biennial Report from the Department of Conservation.
- 342 Fish Division. 1961-1962. the Twenty-first Biennial Report, 1961-1962. Michigan Department of Conservation.
- 371 Fish Division. Research & Development. 1963-1964. the Twenty-second Biennial Report, 1963-1964. Michigan Department of Conservation.
- 372 Fish Division. Research & Development. 1965-1966. the Twenty-third Biennial Report, 1965-1966. Michigan Department of Conservation.
- 390 Fish Division. Research & Development. 1967-1968. the Twenty-fourth Biennial Report, 1967-1968. Michigan Department of Conservation.
- 399 Fish Division. Research & Development. 1971. the Twenty-fifth Biennial Report, 1969-1970. Michigan Department of Natural Resources.

**FISHER, S. J.**

- 520 **Fisher, S. J.**, D. G. Fielder. 1998. A standard weight equation to assess the condition of North American lake herring (*Coregonus artedi*) Journal of Freshwater Ecology 13(3):269-277.

**FITZGERALD, D. G.**

- 539 **Fitzgerald, D. G.**, A. R. Dale, M. V. Thomas, P. F. Sale. 2001. Application of otolith analyses to investigate broad size distributions of young yellow perch in temperate lakes. Journal of Fish Biology 58: 248-263.
- 551 **Fitzgerald, D. G.**, D. F. Clapp, and B. J. Belonger. 2004. Characterization of growth and winter survival of age-0 yellow perch in Southeastern Lake Michigan. Journal of Great Lakes Research 30(2):227-240.

- 883 **Fitzgerald, D. G.**, L. G. Rudstam, J. M. Casselman, B. J. Irwin, D. G. Fielder, T. J. Paoli, and C. E. Kraft. 2016. Fish community response to environmental perturbations: comparisons of Oneida Lake with three Bays of the Great Lakes. Pages 497–524 in L. G. Rudstam, E. L. Mills, J. R. Jackson, and D. J. Stewart, editors. Oneida Lake: Long-term Dynamics of a Managed Ecosystem and its Fisheries. American Fisheries Society, Bethesda, Maryland.

### **FITZSIMONS, J. D.**

- 566 Claramunt, R. M., J. L. Jonas, **J. D. Fitzsimons**, and J. E. Marsden. 2005. Influences of spawning habitat characteristics and interstitial predators on lake trout egg deposition and mortality. *Transactions of the American Fisheries Society* 134:1048–1057.
- 587 Claramunt, R. M., J. L. Jonas, **J. D. Fitzsimons**, and J. E. Marsden. 2005. Influences of spawning habitat characteristics and interstitial predators on lake trout egg deposition and mortality. *Transactions of the American Fisheries Society* 134:1048–1057.
- 588 Jonas, J. L., R. M. Claramunt, **J. D. Fitzsimons**, and J. E. Marsden. 2005. Estimates of egg deposition and effects of lake trout (*Salvelinus namaycush*) egg predators in three regions of the Great Lakes. *Canadian Journal of Fisheries and Aquatic Science* 62:2254–2264.
- 590 Marsden, J. E., B. J. Ellrott, R. M. Claramunt, J. L. Jonas, and **J. D. Fitzsimons**. 2005. A comparison of lake trout spawning, fry emergence, and habitat use in lakes Michigan, Huron, and Champlain. *Journal of Great Lakes Research* 31:492–508.
- 591 **Fitzsimons, J. D.**, B. Williston, G. Williston, G. Bravener, J. L. Jonas, R. M. Claramunt, J. E. Marsden, and B. J. Ellrott. 2006. Laboratory estimates of salmonine egg predation by round gobies (*Neogobius melanostomus*), sculpins (*Cottus cognatus* and *C. bairdi*), and crayfish (*Orconectes propinquus*). *Journal of Great Lakes Research* 32:227–241.
- 594 Diana, C. M., J. L. Jonas, R. M. Claramunt, **J. D. Fitzsimons**, and J. E. Marsden. 2006. A comparison of methods for sampling round goby in rocky littoral areas. *North American Journal of Fisheries Management* 26:514–522.
- 673 Ellrott, B. J., J. E. Marsden, **J. D. Fitzsimons**, J. L. Jonas, and R. M. Claramunt. 2007. Effects of temperature and density on consumption of trout eggs by *Orconectes propinquus* and *O. rusticus*. *Journal of Great Lakes Research* 33(1):7-14.
- 674 **Fitzsimons, J. D.**, J. L. Jonas, R. M. Claramunt, B. Williston, G. Williston, J. E. Marsden, B. J. Ellrott, and D. C. Honeyfield. 2007. Influence of egg predation and physical disturbance on lake trout *Salvelinus namaycush* egg mortality and implications for life-history theory. *Journal of Fish Biology* 71(1):1-16.
- 712 Blukacz, E. A., M. A. Koops, T. M. Sutton, M. T. Arts, **J. D. Fitzsimons**, A. M. Muir, R. M. Claramunt, T. B. Johnson, R. E. Kinnunen, M. P. Ebener, C. Suski, and G. Burness. 2010. Linking lake whitefish (*Coregonus clupeaformis*) condition with male gamete quality and quantity. *Journal of Great Lakes Research* 36(Supplement 1):78-83.
- 715 Claramunt, R. M., A. M. Muir, T. M. Sutton, P. J. Peeters, M. P. Ebener, **J. D. Fitzsimons**, and M. A. Koops. 2010. Measures of larval lake whitefish length and abundance as early predictors of year-class strength in Lake Michigan. *Journal of Great Lakes Research* 36(Supplement 1):84-91.

- 727 Muir, A. M., T. M. Sutton, M. T. Arts, R. M. Claramunt, M. P. Ebener, **J. D. Fitzsimons**, T. B. Johnson, R. E. Kinnunen, M. A. Koops, and M. M. Sepúlveda. 2010. Does condition of Lake Whitefish spawners affect physiological condition of juveniles? *Journal of Great Lakes Research* 36(Supplement 1):92-99.
- 735 Barton, N. T., T. L. Galarowicz, R. M. Claramunt, and **J. D. Fitzsimons**. 2011. A comparison of egg funnel and egg bag estimates of egg deposition in Grand Traverse Bay, Lake Michigan. *North American Journal of Fisheries Management* 31(3):580-587.
- 758 Claramunt, R. M., N. T. Barton, **J. D. Fitzsimons**, and T. L. Galarowicz. 2012. Microhabitat association of *Hemimysis anomala* on fish spawning reefs in Grand Traverse Bay, Lake Michigan. *Journal of Great Lakes Research* 38(Supplement 2):32-36.
- 866 **Fitzsimons, J. D.**, S. Brown, L. Brown, D. Honeyfield, J. He, and J. E. Johnson. 2010. Increase in lake trout reproduction in Lake Huron following the collapse of alewife: Relief from thiamine deficiency or larval predation? *Aquatic Ecosystem Health & Management* 13(1):73-84.

**FLATEN, C. M.**

- 115 Brown, C. J. D., **C. M. Flaten**. 1943. A portable field chemistry kit. Limnological Society of America, Special Publication No. 11.

**FLEISCHER, G. W.**

- 536 Höök, T., E. Rutherford, S. Brines, D. M. Mason, D. J. Schwab, M. J. McCormick, **G. W. Fleischer**, T. J. DeSorcie. 2003. Spatially explicit measures of production of young alewives in Lake Michigan: linkage between essential fish habitat and recruitment. *Journal of Freshwater Ecology* 13(3):269-277.
- 562 Höök, T. O., E. S. Rutherford, S. J. Brines, C. A. Geddes, D. M. Mason, D. J. Schwab, and **G. W. Fleischer**. 2004. Landscape scale measures of steelhead (*Oncorhynchus mykiss*) bioenergetic growth rate potential in Lake Michigan and comparison with angler catch rates. *Journal of Great Lakes Research* 30(4):545–556.
- 602 Madenjian, C. P., G. L. Fahnenstiel, T. H. Johengen, T. F. Nalepa, H. A. Vanderploeg, **G. W. Fleischer**, P. J. Schneeberger, D. M. Benjamin, E. B. Smith, J. R. Bence, E. S. Rutherford, D. S. Lavis, D. M. Robertson, D. J. Jude, and M. P. Ebener. 2002. Dynamics of the Lake Michigan food web, 1970–2000. *Canadian Journal of Fisheries and Aquatic Sciences* 59:736–753.
- 620 Szalai, E. B., **G. W. Fleischer**, and J. R. Bence. 2003. Modeling time-varying growth using a generalized von Bertalanffy model with application to bloater (*Coregonus hoyi*) growth dynamics in Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences* 60:55–66.
- 672 Bronte, C. R., M. E. Holey, C. P. Madenjian, J. L. Jonas, R. M. Claramunt, P. C. McKee, M. L. Toneys, M. P. Ebener, B. Breidert, **G. W. Fleischer**, R. Hess, A. W. Martell, Jr., and E. J. Olsen. 2007. Relative abundance, site fidelity, and survival of adult lake trout in Lake Michigan from 1999 to 2001: implications for future restoration strategies. *North American Journal of Fisheries Management* 27(1):137-155.

**FORD, J. R.**

- 227    **Ford, J. R.**, R. C. Ball. 1951. Weight loss on dressing and methods of processing game fish. the Quarterly Bulletin of the Michigan Agricultural Experiment Station, Michigan State College, East Lansing 34(1):65-74.
- 254    Ball, R. C., **J. R. Ford**. 1953. Production of food-fish and minnows in Michigan ponds. Quarterly Bulletin of the Michigan Agricultural Experiment Station, Michigan State College, East Lansing 35(3):384-391

**FORSYTH, D. K.**

- 884    **Forsyth, D. K.**, C. M. Riseng, K. E. Wehrly, L. A. Mason, J. Gaiot, T. Hollenhorst, C. M. Johnston, C. Wyrzkowski, G. Annis, C. Castiglione, K. Todd, M. Robertson, D. M. Infante, L. Wang, J. E. McKenna, and G. Whelan. 2016. The Great Lakes hydrography dataset: Consistent, binational watersheds for the Laurentian Great Lakes Basin. Journal of the American Water Resources Association 1-21. doi: 10.1111/1752-1688.12435.

**FRENCH, J. III**

- 542    Nichols, S.J., G. Kennedy, E. Crawforth, J. Allen, **J. French III**, G. Black, M. Blouin, J. Hickey, S. Chernyak, R. Haas, M. Thomas. 2003. Assessment of lake sturgeon (*Acipenser fulvescens*) spawning efforts in the lower St. Clair River, Michigan. Journal of Great Lakes Research, 29(3):383-391.

**FUKANO, K. G.**

- 157b    Michigan Conservation, 1948, Vol. 18, No. 3 contains the following articles:  
E. L. Cooper, Brook trout fishing (pages 23-24);  
H. E. Predmore, Jr., 1,000 years of fishing (pages 31-33);  
**K. G. Fukano**, General creel census (page 34).
- 182    **Fukano, K. G.** 1948. General creel census of fishing, 1947. Michigan Conservation 17(12):8, 9, 15.
- 302    **Fukano, K. G.**, F. F. Hooper. 1958. Toxaphene (chlorinated camphene) as a selective fish poison. The Progressive Fish-Culturist 20(4):189-190.

**GAFFIELD, S. J.**

- 565    **Gaffield, S. J.**, K. W. Potter, and L. Wang. 2005. Predicting the summer temperature of small streams in southwestern Wisconsin. Journal of the American Water Resources Association, Paper No. 02127:25–36.

**GALBRAITH, M. G., JR.**

- 367    **Galbraith, M. G., Jr.** 1967. Size-selective predation on *Daphnia* by rainbow trout and yellow perch. Transactions of the American Fisheries Society 96(1):1-10.
- 420    **Galbraith, M. G., Jr.** 1975. The use of large *Daphnia* as indices of fishing quality for rainbow trout in small lakes. Verh. Internat. Verein. Limnol. 19:2485-2492.

**GARRISON, P. J.**

- 597 Wang, L., D. M. Robertson, and **P. J. Garrison**. 2007. Linkages between nutrients and assemblages of macroinvertebrates and fish in wadeable streams: Implication to nutrient criteria development. Environmental Management 39:194–212.
- 656 Wang, L., D. M. Robertson, and **P. J. Garrison**. 2007. Linkages between nutrients and assemblages of macroinvertebrates and fish in wadeable streams: implication to nutrient criteria development. Environmental Management 39:194–212.

**GEDDES, C. A.**

- 562 Höök, T. O., E. S. Rutherford, S. J. Brines, **C. A. Geddes**, D. M. Mason, D. J. Schwab, and G. W. Fleischer. 2004. Landscape scale measures of steelhead (*Oncorhynchus mykiss*) bioenergetic growth rate potential in Lake Michigan and comparison with angler catch rates. Journal of Great Lakes Research 30(4):545–556.
- 570 Kraft, L. S., and **C. A. Geddes**. 2006. Using the NHD as a tool for fisheries GIS data evaluation and management. Water Resources Impact 8:8–11.

**GODBY, N. A., JR.**

- 637 **Godby, N. A., Jr.**, E. S. Rutherford, and D. M. Mason. 2007. Diet, feeding rate, growth, mortality, and production of juvenile steelhead in a Lake Michigan tributary. North American Journal of Fisheries Management 25:578–592.
- 749 Schaeffer, J. S., D. G. Fielder, **N. Godby**, A. Bowen, L. O'Connor, J. Parrish, S. Greenwood, S. Chong, and G. Wright. 2011. Long-term trends in the St. Marys River open water fish community. Journal of Great Lakes Research 37:70-79.
- 912 Johnson, N. S., M. B. Twohey, S. M. Miehls, T. A. Cwalinski, **N. A. Godby**, A. Lochet, J. W. Slade, A. K. Jubar, and M. J. Sieffkes. 2016. Evidence that sea lampreys (*Petromyzon marinus*) complete their life cycle within a tributary of the Laurentian Great lakes by parasitizing fishes in inland lakes. Journal of Great Lakes Research 42:90-98.

**GOELLNER, K. E.**

- 62 Lagler, K. F., **K. E. Goellner**. 1939. The mud puppy--an enemy of fish? Michigan Conservation 8(7):3.
- 93 Lagler, K. F., **K. E. Goellner**. 1941. Notes on *Necturus maculosus* (Rafinesque), from Evans Lake, Michigan. Copeia 1941(2):96-98.

**GONIEA, T. M.**

- 630 Goniea, T. M., M. L. Keefer, T. C. Bjornn, C. A. Peery, D. H. Bennett, and L. C. Stuehrenberg. 2006. Behavioral thermoregulation and slowed migration by adult fall Chinook salmon in response to high Columbia River water temperatures. Transactions of the American Fisheries Society 135:408–419.

**GORENFLO, T. K.**

- 509 Eshenroder, R. L., M. E. Holey, **T. K. Gorenflo**, R. D. Clark, Jr. 1995. Fish-community objectives for Lake Michigan. Great Lakes Fishery Commission Special Publication 95-3.

**GOWING, H.**

- 297 Ellis, R. J., **H. Gowing**. 1957. Relationship between food supply and condition of wild brown trout, *Salmo trutta* Linneaus, in a Michigan trout stream. Limnology and Oceanography 2(4):299-308.
- 410 Momot, W. T., **H. Gowing**. 1972. Differential seasonal migration of the crayfish, *Orconectes virilis* (Hagen), in marl lakes. Ecology 53(3):479-483.
- 427 Momot, W. T., **H. Gowing**. 1977. Response of the crayfish *Orconectes virilis* to exploitation. Journal of the Fisheries Research Board of Canada 34(4):1212-1219.
- 432 Momot, W. T., **H. Gowing**. 1977. Production and population dynamics of the crayfish *Orconectes virilis* in three Michigan lakes. Journal of the Fisheries Research Board of Canada 34(11):2041-2055.
- 433 Momot, W. T., **H. Gowing**. 1977. Results of an experimental fishery on the crayfish *Orconectes virilis*. Journal of the Fisheries Research Board of Canada 34(11):2056-2066.
- 436 Momot, W. T., **H. Gowing**, and P. D. Jones. 1978. The dynamics of crayfish and their role in ecosystems. American Midland Naturalist 99(1):10-35.
- 446 **Gowing, H.**, W. T. Momot. 1979. Impact of brook trout (*Salvelinus fontinalis*) predation on the crayfish *Orconectes virilis* in three Michigan lakes. Journal of the Fisheries Research Board of Canada 36(10):1191-1196.
- 450 Clark, R. D., Jr., G. R. Alexander, **H. Gowing**. 1980. Mathematical description of trout-stream fisheries. Transactions of the American Fisheries Society 109(6):587-602.
- 451 Clark, R. D., Jr. G. R. Alexander, **H. Gowing**. 1981. A history and evaluation of regulations for brook trout in Michigan streams. North American Journal of Fisheries Management 1(1):1-14.
- 478 **Gowing, H.** 1986. Survival and growth of match plantings of Assinica strain brook trout and hybrid brook trout (Assinica male x domestic female) in six small Michigan lakes. North American Journal of Fisheries Management 6:242-251.
- 504 Alexander, G. R., **H. Gowing**, A. J. Nuhfer. 1991. Population characteristics of Assinica and Temiscamie strains of brook trout in two Michigan lakes. Michigan Academician XXIII, 173-190.

**GRASSL, E. F.**

- 290 **Grassl, E. F.** 1957. Possible value of continuous feeding of medicated dry diets to prevent and control pathogens in a hatchery-reared trout. The Progressive Fish-Culturist 19(2):85-88.

291     **Grassl, E. F.** 1957. Pelleted dry rations for trout propagation in Michigan hatcheries. Transactions of the American Fisheries Society 86:307-332.

300     **Grassl, E. F.** 1957. Relation of a dry pelleted ration to nutritional anemia in brook and rainbow trout. The Progressive Fish-Culturist 20(2):62-65.

**GREELEY, J. R.**

6         Hubbs, C. L., **J. R. Greeley**, and C. M. Tarzwell. 1932. Methods for the improvement of Michigan trout streams. (IFR Bulletin No. 1).

8         **Greeley, J. R.** 1933. The spawning habits of brook, brown and rainbow trout, and the problem of egg predators. Transactions of the American Fisheries Society 62:239-248.

**GREENBANK, J.**

96         **Greenbank, J.** 1941. Selective poisoning of fish. Transactions of the American Fisheries Society 70:80-86.

143         **Greenbank, J.** 1945. Limnological conditions in ice-covered lakes, especially as related to winter-kill of fish. ecological Monographs 15:343-392.

**GRZENDA, A. R.**

295         Hooper, F. F., **A. R. Grzenda**. 1957. The use of toxaphene as a fish poison. Transactions of the American Fisheries Society 85:180-190.

310         **Grzenda, A. R.**, M. L. Brehmer. 1960. A quantitative method for the collection and measurement of stream periphyton. Limnology and Oceanography 5(2):190-194.

**GUARD, T. T.**

248         **Guard, T. T.** 1953. The sea lamprey in inland waters. Michigan Conservation 22(3):14-15.

**HAAS, R. C.**

497         Great Lakes Fishery Commission 1991 Special Publication 91-1 contains the following:  
Schneider, J. C., T. J. Lychwick, E. J. Trimberger, J. H. Peterson, R. O'Neal, P. J. Schneeberger. Walleye rehabilitation in Lake Michigan, 1969-1989. Pages 23-61 in Status of walleye in the Great Lakes: case studies prepared for the 1989 workshop.  
Mrozinski, L. E., J. C. Schneider, **R. C. Haas**, R. E. Shepherd. Rehabilitation of walleye in Saginaw Bay, Lake Huron. Pages 63-84 in Status of walleye in the Great Lakes: case studies prepared for the 1989 workshop.

511         **Haas, R. C.** History and status of fisheries in Saginaw Bay, Lake Huron. 1995. The Lake Huron Ecosystem: Ecology, Fisheries and Management, p. 291-311.

531         Thayer, Sarah, **Haas, R.C.**, Hunter, Douglas, Kushler, Robert. 1997. Zebra mussel (*Dreissena polymorpha*) effects on sediment, other zoobenthos, and the diet and growth of adult yellow perch (*Perca flavescens*) in pond enclosures. Canadian Journal of Fisheries and Aquatic Science 54: 1903-1915.

- 537 Madenjian, C. P., G. E. Noguchi, **R. C. Haas**, K. S. Schrouder. 1998 Sexual difference in polychlorinated byphenyl accumulation rates of walleye (*Stizostedion vitreum*). the Canadian Journal of Fisheries and Aquatic Science 55: 1085-1092.
- 542 Nichols, S.J., G. Kennedy, E. Crawforth, J. Allen, J. French III, G. Black, M. Blouin, J. Hickey, S. Chernyak, **R. Haas**, M. Thomas. 2003. Assessment of lake sturgeon (*Acipenser fulvescens*) spawning efforts in the lower St. Clair River, Michigan. Journal of Great Lakes Research, 29(3):383-391.
- 598 Schaeffer, J. S., **R. C. Haas**, J. S. Diana, and J. E. Breck. 1999. Field test of two energetic models for yellow perch. Transactions of the American Fisheries Society 128:414–435.
- 601 Thomas, M. V., and **R. C. Haas**. 2002. Abundance, age structure, and spatial distribution of lake sturgeon, *Acipencer fulvescens*, in the St Clair System. Journal of Applied Ichthyology 18:495–501.
- 636 Wang, H., E. S. Rutherford, H. A. Cook, D. W. Einhouse, **R. C. Haas**, T. B. Johnson, R. Kenyon, B. Locke, and M. W. Turner. 2007. Movement of walleyes in lakes Erie and St. Clair inferred from tag return and fisheries data. Transactions of the American Fisheries Society 136:539–551.

**HAERTL, E. J.**

- 340 Schelske, C. L., F. F. Hooper, **E. J. Haertl**. 1963. Responses of a marl lake to chelated iron and fertilizer. Ecology 43(4):646-653.

**HAESEKER, S. L.**

- 547 Su, Z., R. M. Peterman, and **S. L. Haeseker**. 2004. Spatial hierarchical Bayesian models for stock-recruitment analysis of pink salmon (*Oncorhynchus gorbuscha*). the Canadian Journal of Fisheries and Aquatic Science 61:2471–2486.
- 617 **Haeseker, S. L.**, M. L. Jones, and J. R. Bence. 2003. Estimating uncertainty in the stock-recruitment relationship for St. Marys River sea lampreys. Journal of Great Lakes Research 29 (Supplement 1):728–741.

**HAMELINK, E. J.**

- 405 **Hamelink, J. L.**, R. C. Waybrant, and R. C. Ball. 1971. A proposal: exchange equilibria control the degree chlorinated hydrocarbons are biologically magnified in lentic environments. Transactions of the American Fisheries Society 100(2):207-214.

**HANCHIN, P. A.**

- 705 Madenjian, C. P., **P. A. Hanchin**, S. M. Chernyak, and L. J. Begnoche. 2009. Sexual difference in PCB concentrations of walleyes (*Sander vitreus*) from a pristine lake. Science of the Total Environment 407(15):4526-4532.
- 825 Diana, J. S., **P. Hanchin**, and N. Popoff. 2015. Movement patterns and spawning sites of muskellunge *Esox masquinongy* in the Antrim chain of lakes, Michigan. Environmental Biology of Fishes 98(3):833-844.

- 837 Scribner, K., P. Howell, M. Thomas, K. Smith, **P. Hanchin**, M. Wolgamood, and G. Whelan. 2015. Spatial genetic structure of suspected remnant and naturalized populations of Muskellunge and evidence for introgression between stocked and native strains. *Journal of Great Lakes Research* 41(4):1131-1137.
- 850 Herbst, S. J., B. S. Stevens, D. B. Hayes, and **P. A. Hanchin**. 2016. Estimating walleye (*Sander vitreus*) movement and fishing mortality using state-space models: implications for management of spatially structured populations. *Canadian Journal of Fisheries and Aquatic Sciences* 73(3):330-348.
- 856 **Hanchin, P. A.**, and D. W. Willis. 2002. The Black bullhead in South Dakota: scourge or bounty? *South Dakota Conservation Digest* 69(4):4-7.
- 857 **Hanchin, P. A.**, D. W. Willis, and M. J. Hubers. 2002. Black bullhead growth in South Dakota waters: limnological and community influences. *Journal of Freshwater Ecology* 17:65-73.
- 858 **Hanchin, P. A.**, D. W. Willis, and T. R. St. Sauver. 2002. Comparison of concurrent trapnet and gill-net samples for black bullheads. *Journal of Freshwater Ecology* 17(2):233-237.
- 859 Isermann, D. A., **P. A. Hanchin**, and D. W. Willis. 2002. Comparison of two mesh sizes for collecting larval yellow perch in surface trawls. *North American Journal of Fisheries Management* 22:585-589.
- 860 **Hanchin, P. A.**, D. W. Willis, and T. R. St. Sauver. 2003. Influence of introduced spawning habitat on yellow perch reproduction in Lake Madison, South Dakota. *Journal of Freshwater Ecology* 18:291-297.
- 916 Herbst, S. J., B. S. Stevens, D. B. Hayes, and **P. A. Hanchin**. 2017. Invluence of movement dynamics on Walleye harvest management in intermixed fisheries in a chain of lakes. *North American Journal of Fisheries Management* 37:467-479.

**HANSEN, A. E.**

- 466 **Hansen, E. A.**, G. R. Alexander, W. H. Dunn. 1983. Sand sediment in a Michigan trout stream. Part I. A technique for removing sand bedload from streams., *North American Journal of Fisheries Management* 3:355-364.
- 467 Alexander, G. R., **E. A. Hansen**. 1983. Sand sediment in a Michigan trout stream. Part II. Effects of reducing sand bedload on a trout population. *North American Journal of Fisheries Management* 3:365-372.

**HANSEN, M. J.**

- 331 **Hansen, M. J.**, D. W. Hayne. 1962. Sea lamprey larvae in Ogontz Bay and Ogontz River, Michigan. *The Journal of Wildlife Management* 26(3):237-247.
- 347 **Hansen, M. J.**, T. M. Stauffer. 1964. Cadmium sulfide and mercuric sulfide for marking sea lamprey larvae. *Transactions of the American Fisheries Society* 93(1):21-26.
- 391 Stauffer, T. M., **M. J. Hansen**. 1969. Mark retention, survival, and growth of jaw-tagged and fin-clipped rainbow trout. *Transactions of the American Fisheries Society* 98(2):225-229.

- 403 Hansen, M. J., T. M. Stauffer. 1971. Comparative recovery to the creel, movement, and growth of rainbow trout stocked in the Great Lakes. *Transactions of the American Fisheries Society* 100(2):336-349.
- 622 Nate, N. A., M. A. Bozek, **M. J. Hansen**, C. W. Ramm, M. T. Bremigan, and S. W. Hewett. 2003. Predicting the occurrence and success of walleye populations from physical and biological features of northern Wisconsin lakes. *North American Journal of Fisheries Management* 23:1207–1214.
- 660 Linton, B. C., **M. J. Hansen**, S. T. Schram, and S. P. Sitar. 2007. Dynamics of a recovering lake trout population in eastern Wisconsin waters of Lake Superior, 1980-2001. *North American Journal of Fisheries Management* 27:940–954.
- 872 Riley, S. C., T. R. Binder, N. J. Watrus, M. D. Faust, J. Janssen, J. Menzies, J. E. Marsden, M. P. Ebener, C. R. Bronte, J. X. He, T. R. Tucker, **M. J. Hansen**, H. T. Thompson, A. M. Muir, and C. C. Krueger. 2014. Lake trout in northern Lake Huron spawn on submerged drumlins. *Journal of Great Lakes Research* 40:415-420.
- 877 Binder, T. R., S. C. Riley, C. M. Holbrook, **M. J. Hansen**, R. A. Bergstedt, C. R. Bronte, J. He, and C. C. Krueger. 2016. Spawning site fidelity of wild and hatchery Lake Trout (*Salvelinus namaycush*) in northern Lake Huron. *Canadian Journal of Fisheries and Aquatic Sciences* 73:18-34.

**HARRINGTON, A.**

- 544 Hayes, D., E. Baker, R. Bednarz, D. Borgeson, Jr., J. Braunscheidel, J. Breck, M. Bremigan, **A. Harrington**, R. Hay, R. Lockwood, A. Nuhfer, J. Schneider, P. Seelbach, J. Waybrant, T. Zorn. 2003. Developing a standardized sampling program: the Michigan experience. *Fisheries* 28(7):18-25.

**HASSINGER, R. L.**

- 461 Biette, R. M., D. P. Dodge, **R. L. Hassinger**, T. M. Stauffer. 1981. Life history and timing of migrations and spawning behavior of rainbow trout (*Salmo gairdneri*) populations of the Great Lakes. *Canadian Journal of Fisheries and Aquatic Sciences* 38(12):1759-1771.

**HAY, R.**

- 544 Hayes, D., E. Baker, R. Bednarz, D. Borgeson, Jr., J. Braunscheidel, J. Breck, M. Bremigan, A. Harrington, **R. Hay**, R. Lockwood, A. Nuhfer, J. Schneider, P. Seelbach, J. Waybrant, T. Zorn. 2003. Developing a standardized sampling program: the Michigan experience. *Fisheries* 28(7):18-25.

**HAYES, D. B.**

- 496 **Hayes, D. B.**, W. W. Taylor. 1990. Reproductive strategy in yellow perch (*Perca flavescens*): effects of diet ontogeny, mortality, and survival costs. *the Canadian Journal of Fisheries and Aquatic Sciences* 47:921-927.
- 502 **Hayes, D. B.**, W. W. Taylor, J. C. Schneider. 1992. Response of yellow perch and the benthic invertebrate community to a reduction in the abundance of white suckers. *Transactions of the American Fisheries Society* 121:36-53.

- 538    **Hayes, D. B.**, W. W. Taylor, M. T. Drake, S. M. Marod, G. E. Whelan. 1998. The value of headwaters to brook trout (*Salvelinus fontinalis*) in the Ford River, Michigan, USA. Headwaters: Water Resources and Soil Conservation. Proceedings of Headwater '98, the Fourth International Conference on Headwater Control. Chapter 16, pp. 175-185.
- 543    Mistak, J. L., **D. B. Hayes**, M. T. Bremigan. 2003. Food habits of coexisting salmonines above and below Stornach Dam in the Pine River, Michigan. *Environmental Biology of Fishes* 67: 179-190.
- 544    **Hayes, D.**, E. Baker, R. Bednarz, D. Borgeson, Jr., J. Braunscheidel, J. Breck, M. Bremigan, A. Harrington, R. Hay, R. Lockwood, A. Nuhfer, J. Schneider, P. Seelbach, J. Waybrant, T. Zorn. 2003. Developing a standardized sampling program: the Michigan experience. *Fisheries* 28(7):18-25.
- 607    Krause, A. E., **D. B. Hayes**, J. R. Bence, C. P. Madenjian, and R. M. Stedman. 2002. Measurement error associated with surveys of fish abundance in Lake Michigan. *Journal of Great Lakes Research* 28:44–51.
- 624    Wills, T. C., M. T. Bremigan, and **D. B. Hayes**. 2004. Variable effects of habitat enhancement structures across species and habitats in Michigan reservoirs. *Transactions of the American Fisheries Society* 133:399–411.
- 632    Wagner, T., **D. B. Hayes**, and M. T. Bremigan. 2006. Accounting for multilevel data structures in fisheries data using mixed models. *Fisheries* 31(4):180–187.
- 659    Wagner, T., J. R. Bence, M. T. Bremigan, **D. B. Hayes**, and M. J. Wilberg. 2007. Regional trends in fish mean length at age: components of variance and the statistical power to detect trends. *Canadian Journal of Fisheries and Aquatic Sciences* 64:968–978.
- 683    **Hayes, D. B.**, H. Dodd, and J. Lessard. 2008. Effects of small dams on coldwater stream fish communities. *American Fisheries Society Symposium* 49:1791-1806.
- 687    Latimore, J. A., and **D. B. Hayes**. 2008. The vigor-organization-resilience concept of ecological health: lessons from temperate warmwater stream fish communities. *American Fisheries Society Symposium* 49:1807-1813.
- 694    Burroughs, B. A., **D. B. Hayes**, K. D. Klomp, J. F. Hansen, and J. Mistak. 2009. Effects of Stronach Dam removal on fluvial geomorphology in the Pine River, Michigan, United States. *Geomorphology* 110:96-107.
- 696    Claramunt, R. M., T. L. Kolb, D. F. Clapp, **D. B. Hayes**, J. L. Dexter, Jr., and D. M. Warner. 2009. Effects of increasing Chinook salmon bag limits on alewife abundance: implications for Lake Michigan management goals. *North American Journal of Fisheries Management* 29:829-842.
- 701    **Hayes, D. B.**, M. L. Jones, N. Lester, C. Chu, S. Doka, J. Netto, J. Stockwell, B. Thompson, C. K. Minns, B. Shuter, and N. Collins. 2009. Linking fish population dynamics to habitat conditions: insights from the application of a process-oriented approach to several Great Lakes species. *Reviews in Fish Biology and Fisheries* 19:295-312.

- 706 Pratt, T. C., L. M. O'Connor, A. G. Hallett, R. L. McLaughlin, C. Katopodis, **D. B. Hayes**, and R. A. Bergstedt. 2009. Balancing aquatic habitat fragmentation and control of invasive species: enhancing selective fish passage at sea lamprey control barriers. *Transactions of the American Fisheries Society* 138:652-665.
- 713 Burroughs, B. A., **D. B. Hayes**, K. D. Klomp, J. F. Hansen, and J. Mistak. 2010. The effects of the Stronach Dam removal on fish in the Pine River, Manistee County, Michigan. *Transactions of the American Fisheries Society* 139:1595–1613.
- 728 Schueller, A. M., and **D. B. Hayes**. 2010. Sensitivity of Lake Sturgeon population dynamics and genetics to demographic parameters. *Transactions of the American Fisheries Society* 139:521-534.
- 731 Thompson, B. E., and **D. B. Hayes**. 2010. Estimating bioenergetics model parameters for fish with incomplete recapture histories. *Canadian Journal of Fisheries and Aquatic Sciences* 67:1075–1085.
- 747 Martin, S. L., **D. B. Hayes**, D. T. Rutledge, and D. W. Hyndman. 2011. The land-use legacy effect: Adding temporal context to lake chemistry. *Limnology and Oceanography* 56(6):2362–2370.
- 750 Schueller, A. M., and **D. B. Hayes**. 2011. Minimum viable population size for lake sturgeon (*Acipenser fulvescens*) using an individual-based model of demographics and genetics. *Canadian Journal of Fisheries and Aquatic Sciences* 68:62–73.
- 751 Schueller, A. M., and **D. B. Hayes**. 2011. Inbreeding and allele retention for lake sturgeon populations under different supplementation strategies. *North American Journal of Fisheries Management* 31(6):1133-1145.
- 752 Tabor, R. A., K. L. Fresh, R. M. Piaskowski, H. A. Gearn, and **D. B. Hayes**. 2011. Habitat use by juvenile Chinook Salmon in the nearshore areas of Lake Washington: effects of depth, lakeshore development, substrate, and vegetation. *North American Journal of Fisheries Management* 31(4):700-713.
- 755 Wieferich, D. J., D. G. McCullough, **D. B. Hayes**, and N. J. Schwalm. 2011. Distribution of American Beech (*Fagus grandifolia*) and Beech Scale (*Cryptococcus fagisuga* Lind.) in Michigan from 2005 to 2009. *Northern Journal of Applied Forestry* 28(4):173-179.
- 764 Hansen, J. F., and **D. B. Hayes**. 2012. Long-term implications of dam removal for macroinvertebrate communities in Michigan and Wisconsin rivers, United States. *River Research and Applications* 28(9):1540-1550.
- 789 Irwin, B. J., T. Wagner , J. R. Bence, M. V. Kepler, W. Liu, and **D. B. Hayes**. 2013. Estimating spatial and temporal components of variation for fisheries count data using negative binomial mixed models. *Transactions of the American Fisheries Society* 142(1):171-183.
- 797 Wagner, T., B. J. Irwin, J. R. Bence, and **D. B. Hayes**. 2013. Detecting temporal trends in freshwater fisheries surveys: statistical power and the important linkages between management questions and monitoring objectives. *Fisheries* 38(7):309-319.

- 798 Wieferich, D. J., **D. B. Hayes**, and D. G. McCullough. 2013. Evaluation of digital photography for quantifying *Cryptococcus fagisuga* (Hemiptera: Eriococcidae) density on American beech trees. *Journal of Economic Entomology* 106(3):1324-1330.
- 805 **Hayes, D. B.**, B. J. Bellgraph, B. M. Roth, D. D. Dauble, and R. P. Mueller. 2014. Timing of redd construction by fall Chinook Salmon in the Hanford Reach of the Columbia River. *River Research and Applications* 30(9):1110-1119.
- 806 **Hayes, D. B.**, and B. E. Thompson. 2014. Movement rules for juvenile steelhead: dynamic linking of movement behaviour to habitat and density. *Ecology of Freshwater Fish* 23:581-593.
- 811 Kiraly, I. A., S. M. Coghlan, Jr., J. Zydlewski, and **D. Hayes**. 2014. Comparison of two sampling designs for fish assemblage assessment in a large river. *Transactions of the American Fisheries Society* 143(2):508-518.
- 830 Kiraly, I. A., S. M. Coghlan, Jr., J. Zydlewski, and **D. Hayes**. 2015. An assessment of fish assemblage structure in a large river. *River Research and Applications* 31(3):301-312.
- 849 Herbst S. J., B. M. Roth, **D. B. Hayes**, and J. D. Stockwell. 2016. Walleye foraging ecology in an interconnected chain of lakes influenced by nonnative species. *Transactions of the American Fisheries Society* 145(2):319-333.
- 850 Herbst, S. J., B. S. Stevens, **D. B. Hayes**, and P. A. Hanchin. 2016. Estimating walleye (*Sander vitreus*) movement and fishing mortality using state-space models: implications for management of spatially structured populations. *Canadian Journal of Fisheries and Aquatic Sciences* 73(3):330-348.
- 892 Stoller, J., **D. Hayes**, and B. Murry. 2016. Effects of a rock-ramp fishway on summer fish assemblage in a Lake Huron tributary. *Fisheries Management and Ecology* 23:407-417.
- 893 Martin, S. L., **D. B. Hayes**, A. D. Kendall, and D. W. Hyndman. 2016. The land-use legacy effect: towards a mechanistic understanding of time-lagged water quality responses to land use/cover. *Science of the Total Environment* 579:1794-1803.
- 916 Herbst, S. J., B. S. Stevens, **D. B. Hayes**, and P. A. Hanchin. 2017. Influence of movement dynamics on Walleye harvest management in intermixed fisheries in a chain of lakes. *North American Journal of Fisheries Management* 37:467-479.

**HAYNE, D. W.**

- 235 Ball, R. C., **D. W. Hayne**. 1952. Effects of the removal of the fish population on the fish-food organisms of a lake. *Ecology* 33(1):41-48.
- 308 **Hayne, D. W.** 1959. Book reviews of: Wallis, W. A., H. V. Roberts. Statistics--a new approach; G. W. Snedecor, Statistical methods applied to experiments in agriculture and biology; W. T. Federer, Experimental design theory and application. *The Journal of Wildlife Management* 23(3):370-371.
- 331 Hansen, M. J., **D. W. Hayne**. 1962. Sea lamprey larvae in Ogontz Bay and Ogontz River, Michigan. *The Journal of Wildlife Management* 26(3):237-247.

**HAZEN, W. E.**

- 229 Lagler, K. F., A. S. Hazzard, **W. E. Hazen**, and W. A. Tomkins. 1950. Outboard motors in relation to fish behavior, fish production, and angling success. Transactions of the Fifteenth North American Wildlife Conference, March 6, 7, and 9, 1950. Pages 280-303.

**HAZZARD, A. S.**

- 25 **Hazzard, A. S.** 1936. A preliminary study of an exceptionally productive trout water, Fish Lake, Utah. Transactions of the American Fisheries Society 65:122-128.
- 35 **Hazzard, A. S.**, R. W. Eschmeyer. 1937. A comparison of summer and winter fishing in Michigan lakes. Transactions of the American Fisheries Society 66:87-97.
- 43 **Hazzard, A. S.** 1937. Results of stream and lake improvement in Michigan. Transactions of the Second North American Wildlife Conference.
- 44 **Hazzard, A. S.**, R. W. Eschmeyer. 1938. Analysis of the fish catch for one year in the Waterloo project area. Papers of the Michigan Academy of Science, Arts, and Letters 23:633-643.
- 47 Michigan Conservation, April 1938, Vol. 7, No. 8 contains the following articles:  
**A. S. Hazzard**, D. S. Shetter. Shall we plant more legal fish? (pages 3 and 10);  
D. S. Shetter, Rainbows (pages 6, 7, 11);  
R. W. Eschmeyer, Trout angling hold its own (page 8);  
A. S. Hazzard, Female builds the nest and male does the courting (page 9);  
R. W. Eschmeyer, Lakes are restored by poisoning old fish, stocking with new (page 9);  
J. W. Leonard, How Michigan handles the beaver/trout problem (page 11).
- 48 Michigan Conservation, June 1938, Vol. 7, No. 10 contains the following articles:  
J. W. Leonard, When a fish and a burr collide (page 3);  
H. van der Schalie, Hitch-hiking mussels and pearl buttons (pages 4, 5, 11);  
W. F. Carbine, Tricks to know about the lowly fish-worm (pages 6, 10);  
C. J. D. Brown, The Montana grayling in Michigan (pages 7, 9);  
**A. S. Hazzard**, R. W. Eschmeyer, How really expert is an expert fisherman? (page 8);  
D. S. Shetter, Fish inventory means counting job (pages 8, 10);  
R. W. Eschmeyer, Two x two doesn't always equal four (page 10);  
J. T. Wilkinson, Hunt ways to reduce trout food costs (page 11).
- 70 **Hazzard, A. S.**, D. S. Shetter. 1939. Results from experimental plantings of legal-sized brook trout (*Salvelinus fontinalis*) and rainbow trout (*Salmo irideus*). Transactions of the American Fisheries Society 68:196-210.
- 74 Shetter, D. S., **A. S. Hazzard**. 1939. Species composition by age groups and stability of fish populations in sections of three Michigan trout streams during the summer of 1937. Transactions of the American Fisheries Society 68:281-302.
- 83 **Hazzard, A. S.** 1940. Hunt Creek fisheries experiment station. Michigan Conservation 9(7):4-5.
- 87 Clark, O. H., **A. S. Hazzard**. 1940. Census--fisheries style. Michigan Conservation 9(8):3,11.

- 94 Shetter, D. S., **A. S. Hazzard**. 1941. Results from plantings of marked trout of legal size in streams and lakes of Michigan. *Transactions of the American Fisheries Society* 70:446-468.
- 101 Shetter, D. S., **A. S. Hazzard**. 1942. Planting "keeper" trout. Fall, spring and open season stocking results compared. Reprinted by Michigan Conservation 11(4):3,4,5.
- 102 **Hazzard, A. S.** 1941. The effects of snow and ice on fish life. *Proceedings-Central Snow Conference*, Vol. 1:90-94.
- 105 **Hazzard, A. S.** 1942. Trout fishing in southern Michigan. *Michigan Conservation* 11(6):3,9.
- 126 **Hazzard, A. S.** 1943. Fish trout for fun--not for food. *Michigan Conservation* 12(10):4,5.
- 135 Westerman, F. A., P. I. Tack, **A. S. Hazzard**. 1943. Michigan's program to encourage wider utilization of the less popular varieties of fish. *Transactions of the Eighth North American Wildlife Conference* 1943:251-259.
- 143 Westerman, F. A., **A. S. Hazzard**. 1945. For better fishing. *Michigan Conservation*, July, August, September and October 1945, Vol. 14, No. 7, 8, 9, and 10; July, pp. 6 and 7; August, pp. 6-8; September, pp. 6-9; October, pp. 6-9.
- 150 **Hazzard, A. S.** 1947. Lake trout planting experiment in Lake Michigan. *Michigan Conservation* 16(5):5, 6, 7.
- 157a Michigan Conservation, 1949, Vol. 18, No. 2 contains the following articles:  
L. N. Allison, Trout get sick, too (pages 10-12);  
A. K. Adams, Beaver vs. trout (pages 15-20);  
J. W. Leonard, The Michigan grayling (pages 24-25);  
**A. S. Hazzard**, Trout fisheries in New Zealand (pages 32-34).
- 163 **Hazzard, A. S.** 1948. Special regulation trout ponds. *Michigan Conservation* 17(5):6, 7, 14.
- 168 **Hazzard, A. S.** 1948. Stocking vs. environmental improvement. *Michigan Conservation* 17(7):3, 14, and 15.
- 171 Baeder, H. A., P. I. Tack, **A. S. Hazzard**. 1948. A comparison of the palatability of hatchery-reared and wild brook trout. *Transactions of the American Fisheries Society* 75:181-185.
- 187 Shetter, D. S., O. H. Clark, **A. S. Hazzard**. 1949. The effects of deflectors in a section of a Michigan trout stream. *Transactions of the American Fisheries Society* 76:248-278.
- 203a **Hazzard, A. S.** 1950. The rainbow problem. *Michigan Conservation* 19(2):12-14.
- 220 Michigan Conservation, 1951, Vol. 20, No. 4 contains the following:  
**A. S. Hazzard**, The walleye--fish of mystery (pages 6-8);  
O. H. Clark, Basic land use program is pioneered in Michigan (pages 21-25).
- 229 Lagler, K. F., **A. S. Hazzard**, W. E. Hazen, W. A. Tomkins. 1950. Outboard motors in relation to fish behavior, fish production, and angling success. *Transactions of the Fifteenth North American Wildlife Conference*, March 6, 7, and 9, 1950. Pages 280-303.

- 247 Michigan Conservation, 1953, Vol. 22, No. 2 contains the following articles:  
**A. S. Hazzard**, Trout fishing in southern Michigan (pages 3-4);  
E. L. Cooper, Trout fishing (pages 5-7).
- 256 **Hazzard, A. S.** 1953. Book review of: Everett, F. Fun with trout. *Copeia* 1953 (2):130-131.
- HE, J. X.**
- 549 Johnson, J. E., **J. X. He**, A. P. Woldt, M. P. Ebener, and L. C. Mohr. 2004. Lessons in rehabilitation stocking and management of lake trout in Lake Huron. *the American Fisheries Society Symposium* 44:161–175.
- 593 Sitar, S. P., and **J. X. He**. 2006. Growth and maturity of hatchery and wild lean lake trout during population recovery in Michigan waters of Lake Superior. *Transactions of the American Fisheries Society* 135:915–923.
- 640 **He, J. X.**, and J. R. Bence. 2007. Modeling annual growth variation using a hierarchical Bayesian approach and the von Bertalanffy growth function, with application to lake trout in southern Lake Huron. *Transactions of the American Fisheries Society* 136:318-330.
- 666 **He, J. X.**, J. R. Bence, J. E. Johnson, D. F. Clapp, and M. P. Ebener. 2008. Modeling variation in mass-length relations and condition indices of lake trout and Chinook salmon in Lake Huron: a hierarchical Bayesian approach. *Transactions of the American Fisheries Society* 137:801–817.
- 796 Su, Z., and **J. X. He**. 2013. Analysis of Lake Huron recreational fisheries data using models dealing with excessive zeros. *Fisheries Research* 148:81-89.
- 828 **He, J. X.**, J. R. Bence, C. P. Madenjian, S. A. Pothoven, N. E. Dobiesz, D. G. Fielder, J. E. Johnson, M. P. Ebener, R. A. Cottrill, L. C. Mohr, and S. R. Koproski. 2015. Coupling age-structured stock assessment and fish bioenergetics models: a system of time-varying models for quantifying piscivory patterns during the rapid trophic shift in the main basin of Lake Huron. *Canadian Journal of Fisheries and Aquatic Sciences* 72:7-23.
- 829 Johnson, J. E., **J. X. He**, and D. G. Fielder. 2015. Rehabilitation stocking of Walleyes and Lake Trout: restoration of reproducing stocks in Michigan waters of Lake Huron. *North American Journal of Aquaculture* 77(3):396-408.
- 841 Wellenkamp, W., **J. X. He**, and D. Vernocke. 2015. Using maxillae to estimate ages of Lake Trout. *North American Journal of Fisheries Management* 35(2):296-301.
- 845 Bence, J. R., C. P Madenjian, **J. X. He**, D. G. Fielder, S. A. Pothoven, N. E. Dobiesz, J. E. Johnson, M. P. Ebener, R. A. Cottrill, L. C. Mohr, and S. R. Koproski. 2016. Reply to comments by Riley and Dunlop on He et al. (2015). *Canadian Journal of Fisheries and Aquatic Sciences* 73(5):865-868.
- 861 **He, J. X.**, L. G. Rudstam, J. L. Forney, A. J. VanDeValk, and D. J. Stewart. 2005. Long-term patterns in growth of Oneida Lake walleye: a multivariate and stage-explicit approach for applying the von Bertalanffy growth function. *Journal of Fish Biology* 66:1459-1470.

- 862 Pothoven, S. A., T. F. Nalepa, C. P. Madenjian, R. R. Rediske, P. J. Schneeberger, and **J. X. He**. 2006. Energy density of lake whitefish *Coregonus clupeaformis* in Lakes Huron and Michigan. Environmental Biology of Fish 76:151-158.
- 863 Hensler, S. R., D. J. Jude, and **J. He**. 2008. Burbot growth and diets in lakes Michigan and Huron: an ongoing shift from native species to round gobies. Pages 91–107 in V. L. Paragamian and D. H. Bennett, editors. Burbot: Ecology, Management, and Culture. American Fisheries Society Symposium 59, American Fisheries Society, Bethesda, Maryland.
- 864 Riley, S. C., **J. X. He**, J. E. Johnson, T. P. O'Brien, and J. S. Schaeffer. 2007. Evidence of widespread natural reproduction by lake trout *Salvelinus namaycush* in the Michigan waters of Lake Huron. Journal of Great Lakes Research 33:917-921.
- 865 Muir, A. M., M. P. Ebener, **J. X. He**, and J. E. Johnson. 2008. A comparison of the scale and otolith methods of age estimation for lake whitefish in Lake Huron. North American Journal of Fisheries Management 28:625-635.
- 866 Fitzsimons, J. D., S. Brown, L. Brown, D. Honeyfield, **J. He**, and J. E. Johnson. 2010. Increase in lake trout reproduction in Lake Huron following the collapse of alewife: Relief from thiamine deficiency or larval predation? Aquatic Ecosystem Health & Management 13(1):73-84.
- 867 **He, J. X.**, M. P. Ebener, S. C. Riley, A. Cottrill, A. Kowalski, S. Koproski, L. Mohr, and J. E. Johnson. 2012. Lake trout status in the main basin of Lake Huron, 1973-2010. North American Journal of Fisheries Management 32(2):402-412.
- 868 Madenjian C. P., E. S. Rutherford, C. A. Stow, E. F. Roseman, and **J. X. He**. 2013. Trophic shift, not collapse. Environmental Science & Technology 47(21):11915-11916.
- 869 Bunnell, D. B., R. P. Barbiero, S. A. Ludsin, 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. Tsehay, M. G. Walsh, D. M. Warner, and B. C. Weidel. 2014. Changing ecosystem dynamics in the Laurentian Great Lakes: bottom-up and top-down regulation. BioScience 64(1):26-39.
- 872 Riley, S. C., T. R. Binder, N. J. Watrus, M. D. Faust, J. Janssen, J. Menzies, J. E. Marsden, M. P. Ebener, C. R. Bronte, **J. X. He**, T. R. Tucker, M. J. Hansen, H. T. Thompson, A. M. Muir, and C. C. Krueger. 2014. Lake trout in northern Lake Huron spawn on submerged drumlins. Journal of Great Lakes Research 40:415-420.
- 877 Binder, T. R., S. C. Riley, C. M. Holbrook, M. J. Hansen, R. A. Bergstedt, C. R. Bronte, **J. He**, and C. C. Krueger. 2016. Spawning site fidelity of wild and hatchery Lake Trout (*Salvelinus namaycush*) in northern Lake Huron. Canadian Journal of Fisheries and Aquatic Sciences 73:18-34.
- 885 **He, J. X.**, J. R. Bence, E. F. Roseman, D. G. Fielder, and M. P. Ebener. 2016. Using time-varying asymptotic length and body condition of top piscivores to indicate ecosystem regime shift in the main basin of Lake Huron: a Bayesian hierarchical modeling approach. Canadian Journal of Fisheries and Aquatic Sciences 73:1092-1103.

- 886 **He, J. X.**, D. J. Stewart, and L. G. Rudstam. 2016. Growth parameters as growth indices in time-varying environments: a comparison among four approaches to using the von Bertalanffy growth function. Pages 475-496 in L. G. Rudstam, E. L. Mills, J. R. Jackson, and D. J. Stewart, editors. Oneida Lake: long-term dynamics of a managed ecosystem and its fishery. American Fisheries Society, Bethesda, Maryland.
- 890 Marsden, J. E., T. R. Binder, J. Johnson, **J. He**, N. Dingledine, J. Adams, N. S. Johnson, T. J. Buchinger, and C. C. Krueger. 2016. Five-year evaluation of habitat remediation in Thunder Bay, Lake Huron: comparison of constructed reef characteristics that attract spawning Lake Trout. *Fisheries Research* 183:275-286.

**HERBST, S. J.**

- 849 **Herbst S. J.**, B. M. Roth, D. B. Hayes, and J. D. Stockwell. 2016. Walleye foraging ecology in an interconnected chain of lakes influenced by nonnative species. *Transactions of the American Fisheries Society* 145(2):319-333.
- 850 **Herbst, S. J.**, B. S. Stevens, D. B. Hayes, and P. A. Hanchin. 2016. Estimating walleye (*Sander vitreus*) movement and fishing mortality using state-space models: implications for management of spatially structured populations. *Canadian Journal of Fisheries and Aquatic Sciences* 73(3):330-348.
- 901 **Herbst, S. J.**, J. E. Marsden, and S. J. Smith. 2011. Lake Whitefish in Lake Champlain after commercial fishery closure and ecosystem changes. *North American Journal of Fisheries Management* 31:1106-1115.
- 902 **Herbst, S. J.**, and J. E. Marsden. 2011. Comparison of precision and bias of scale, fin ray, and otolith age estimates for Lake Whitefish (*Coregonus clupeaformis*) in Lake Champlain. *Journal of Great Lakes Research* 37: 386-389.
- 905 **Herbst, S. J.**, J. E. Marsden, and B. F. Lantry. 2013. Lake Whitefish diet, condition, and energy density in Lake Champlain and the lower four Great Lakes following dreissenid invasions. *Transactions of the American Fisheries Society* 142:388-398.
- 916 **Herbst, S. J.**, B. S. Stevens, D. B. Hayes, and P. A. Hanchin. 2017. Influence of movement dynamics on Walleye harvest management in intermixed fisheries in a chain of lakes. *North American Journal of Fisheries Management* 37:467-479.
- 917 Wieringa, J. G., **S. J. Herbst**, and A. R. Mahon. 2017. The reproductive viability of grass carp (*Ctenopharyngodon idella*) in the western basin of Lake Erie. *Journal of Great Lakes Research* 43:405-409.

**HESSENAUER, J. M.**

- 765 **Hessenauer, J. M.**, M. T. Bremigan, and K. T. Scribner. 2012. Genetic pedigree reconstruction facilitates lakewide estimates of age-0 largemouth bass dispersal. *Transactions of the American Fisheries Society* 141(6):1672-1681.
- 807 **Hessenauer, J. M.**, M. T. Bremigan, and K. T. Scribner. 2014. Genetic pedigree reconstruction detects bias in Largemouth Bass nest sampling procedures. *North American Journal of Fisheries Management* 34(1):175-183.

- 808    **Hessenauer, J. M.**, M. T. Bremigan, and K. T. Scribner. 2014. Using the right tool for the right job should include validation when possible: response to comment. North American Journal of Fisheries Management 34(6):1207-1210.
- 871    **Hessenauer, J. M.**, J. Vokoun, J. Davis, R. Jacobs, and E. O'Donnell. 2014. Population characteristics of historically unexploited largemouth bass in southern New England water supply reservoirs. Journal of Freshwater Ecology 29(3):429-439. DOI: 10.1080/02705060.2014.910147.
- 874    Dreiss, L. M., D. P. Kloster, M. R. Liberati, J. R. Barclay, **J. M. Hessenauer**, L. R. Nathan, K. M. O'Connor, J. C. Vokoun. 2015. Introducing adaptive management for natural resources: an estuary case study. Natural Sciences Education 44:149-158. DOI: 10.4195/nse2015.0023.
- 875    **Hessenauer, J. M.**, J. C. Vokoun, C. D. Suski, J. Davis, R. Jacobs, and E. O'Donnell. 2015. Differences in the metabolic rates of exploited and unexploited fish populations: a signature of recreational fisheries induced evolution? PLoS ONE 10(6):e0128336. doi:10.1371/journal.pone.0128336.
- 880    Dreiss, L. M., **J. M. Hessenauer**, L. R. Nathan, K. M. O'Connor, M. R. Liberati, D. P. Kloster, J. R. Barclay, J. C. Vokoun, and A. T. Morzillo. 2016. Adaptive management as an effective strategy: interdisciplinary perceptions for natural resources management. Environmental Management. doi:10.1007/s00267-016-0785-0.
- 887    **Hessenauer, J. M.**, J. Vokoun, J. Davis, R. Jacobs, and E. O'Donnell. 2016. Loss of naivety to angling at different rates in fished and unfished populations of Largemouth Bass. Transactions of the American Fisheries Society 145(5):1068-1076. doi: 10.1080/00028487.2016.1194894.
- 895    **Hessenauer, J. M.**, J. Vokoun, A. Welsh, J. Davis, R. Jacobs, and E. O'Donnell. 2017. Can Largemouth Bass transplanted from an unexploited population genetically contribute to an active fishery? A test case for genetic management of exploited fish populations. North American Journal of Fisheries Management 37(2):271-283.

### **HICKEY, J.**

- 542    Nichols, S.J., G. Kennedy, E. Crawforth, J. Allen, J. French III, G. Black, M. Blouin, **J. Hickey**, S. Chernyak, R. Haas, M. Thomas. 2003. Assessment of lake sturgeon (*Acipenser fulvescens*) spawning efforts in the lower St. Clair River, Michigan. Journal of Great Lakes Research, 29(3):383-391.

### **HILDEBRAND, S. G.**

- 401    **Hildebrand, S. G.** 1971. The effect of coho spawning on the benthic invertebrates of the Platte River, Benzie County, Michigan. Transactions of the American Fisheries Society 100(1):61-68.

### **HOLEY, M. E.**

- 509    Eshenroder, R. L., **M. E. Holey**, T. K. Gorenflo, R. D. Clark, Jr. 1995. Fish-community objectives for Lake Michigan. Great Lakes Fishery Commission Special Publication 95-3. 56p.

- 668 Bronte, C. R., J. L. Jonas, **M. E. Holey**, R. L. Eshenroder, M. L. Toney, P. McKee, B. Breidert, R. M. Claramunt, M. P. Ebener, C. C. Krueger, G. Wright, and R. Hess. 2003. Possible impediments to lake trout restoration in Lake Michigan. Lake Michigan Lake Trout Task Group, Lake Michigan Committee, Great Lakes Fishery Commission, Ann Arbor, Michigan.
- 670 Jonas, J. L., D. F. Clapp, J. R. Bence, and **M. E. Holey**. 2005. Salmonine community. Pages 33-47 in M. E. Holey and T. N. Trudeau, editors. The state of Lake Michigan in 2000. Great Lakes Fishery Commission, Special Publication 05-01, Ann Arbor, Michigan.
- 672 Bronte, C. R., **M. E. Holey**, C. P. Madenjian, J. L. Jonas, R. M. Claramunt, P. C. McKee, M. L. Toney, M. P. Ebener, B. Breidert, G. W. Fleischer, R. Hess, A. W. Martell, Jr., and E. J. Olsen. 2007. Relative abundance, site fidelity, and survival of adult lake trout in Lake Michigan from 1999 to 2001: implications for future restoration strategies. North American Journal of Fisheries Management 27(1):137-155.
- 678 Bronte, C. R., C. C. Krueger, **M. E. Holey**, M. L. Toney, R. L. Eshenroder, and J. L. Jonas. 2008. A Guide for the rehabilitation of lake trout in Lake Michigan. Great Lakes Fishery Commission, Miscellaneous Publication 2008-01, Ann Arbor, Michigan.

### **HÖÖK, T. O.**

- 536 **Höök, T.**, E. Rutherford, S. Brines, D. M. Mason, D. J. Schwab, J. J. McCormick, G. W. Fleischer, T. J. DeSorcie. 2003. Spatially explicit measures of production of young alewives in Lake Michigan: linkage between essential fish habitat and recruitment. Journal of Freshwater Ecology 13(3):269-277.
- 561 **Höök, T. O.**, E. S. Rutherford, S. J. Brines, D. J. Schwab, and M. J. McCormick. 2004. Relationship between surface water temperature and steelhead distributions in Lake Michigan. North American Journal of Fisheries Management 24:211–221.
- 562 **Höök, T. O.**, E. S. Rutherford, S. J. Brines, C. A. Geddes, D. M. Mason, D. J. Schwab, and G. W. Fleischer. 2004. Landscape scale measures of steelhead (*Oncorhynchus mykiss*) bioenergetic growth rate potential in Lake Michigan and comparison with angler catch rates. Journal of Great Lakes Research 30(4):545–556.
- 563 Madenjian, C. P., **T. O. Höök**, E. S. Rutherford, D. M. Mason, T. E. Croley II, E. B. Szalai, and J. R. Bence. 2005. Recruitment variability of alewives in Lake Michigan. Transactions of the American Fisheries Society 134:218–230.
- 571 Dufour, E., W. P. Patterson, **T. O. Höök**, and E. S. Rutherford. 2005. Early life history of Lake Michigan alewives (*Alosa pseudoharengus*) inferred from intra-otolith stable isotope ratios. Canadian Journal of Fisheries and Aquatic Science 62:2362–2370.
- 631 **Höök, T. O.**, M. J. McCormick, E. S. Rutherford, D. M. Mason, and G. S. Carter. 2006. Short-term water mass movements in Lake Michigan: implications for larval fish transport. Journal of Great Lakes Research 32:728–737.
- 651 **Höök, T. O.**, E. S. Rutherford, D. M. Mason, and G. S. Carter. 2007. Hatch dates, growth, survival, and overwinter mortality of age-0 alewives in Lake Michigan: implications for habitat-specific recruitment success. Transactions of the American Fisheries Society 136:1298–1312.

- 709 Wang, H-Y., H. A. Cook, D. W. Einhouse, D. G. Fielder, K. A. Kayle, L. G. Rudstam, and **T.O. Höök**. 2009. Maturation schedules of walleye populations in the Great Lakes region: comparison of maturation indices and evaluation of sampling-induced biases. North American Journal of Fisheries Management 29(6):1540–1554.
- 745 Ivan, L. N., **T. O. Höök**, M. V. Thomas, and D. G. Fielder. 2011. Long-term and interannual dynamics of walleye and yellow perch in Saginaw Bay, Lake Huron. Transactions of the American Fisheries Society 140(4):1078-1092.
- 772 Wang, H.-Y., D. W. Einhouse, D. G. Fielder, L. G. Rudstam, C. S. Vandergoot, A. J. VanDeValk, T. G. Zorn, and **T. O. Höök**. 2012. Maternal and stock effects on egg-size variation among walleye *Sander vitreus* stocks from the Great Lakes region. Journal of Great Lakes Research 38:477–489.
- 809 Ivan, L. N., D. G. Fielder, M. V. Thomas, and **T. O. Höök**. 2014. Changes in the Saginaw Bay, Lake Huron, fish community from 1970-2011. Journal of Great Lakes Research 40(4):922-933.
- 817 Staton, J. M., C. R. Roswell, D. G. Fielder, M. V. Thomas, S. A. Pothoven, and **T. O. Höök**. 2014. Condition and diet of yellow perch in Saginaw Bay, Lake Huron (1970-2011). Journal of Great Lakes Research 40(Supplement 1):139–147.
- 881 Feiner, Z. S., H.-Y. Wang, D. W. Einhouse, J. R. Jackson, E. S. Rutherford, C. Schelb, C. S. Vandergoot, T. G. Zorn, and **T. O. Höök**. 2016. Thermal environment and maternal effects shape egg size in a freshwater fish. Ecosphere 7(5):e01304. doi: 10.1002/ecs2.1304.

**HOOPER, F. F.**

- 257 **Hooper, F. F.**, R. C. Ball, H. A. Tanner. 1953. An experiment in the artificial circulation of a small Michigan lake. Transactions of the American Fisheries Society 82:222-241.
- 259 **Hooper, F. F.** 1953. Book review of: Ruttner, F. Fundamentals of limnology. Copeia 1953(3):195-198.
- 262 **Hooper, F. F.** 1954. Limnological features of Weber Lake, Cheboygan County, Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 39:229-240.
- 282 **Hooper, F. F.** 1956. Some chemical and morphometric characteristics of southern Michigan lakes. Papers of the Michigan Academy of Science, Arts, and Letters 41:109-130.
- 287 Anderson, R. O., **F. F. Hooper**. 1956. Seasonal abundance and production of littoral bottom fauna in a southern Michigan lake. Transactions of the American Microscopical Society 75(3):259-270.
- 295 **Hooper, F. F.**, A. R. Grzenda. 1957. The use of toxaphene as a fish poison. Transactions of the American Fisheries Society 85:180-190.
- 299 Beatty, L. D., **F. F. Hooper**. 1958. Benthic associations of Sugarloaf Lake. Papers of the Michigan Academy of Science, Arts, and Letters 43:89-106.
- 302 Fukano, K. G., **F. F. Hooper**. 1958. Toxaphene (chlorinated camphene) as a selective fish poison. The Progressive Fish-Culturist 20(4):189-190

- 305   **Hooper, F. F.** 1959. Book review of: Hutchinson, G. E. A treatise of limnology. Vol. 1. geography, physics, and chemistry. *The Journal of Wildlife Management* 23(1):126-127.
- 314   **Hooper, F. F.** 1959. Population control by chemicals and some resulting problems. *Transactions of the Second Seminar on Biological Problems in Water Pollution*, April 20-24, 1959, U. S. Public Health Service, Robert a. Taft Sanitary Engineering Center, Cincinnati, Ohio.
- 317   **Hooper, F. F.**, H. A. Podoliak, S. F. Snieszko. 1961. Use of radioisotopes in hydrobiology and fish culture. *Transactions of the American Fisheries Society* 90(1):49-57.
- 327   Knight, A., R. C. Ball, **F. F. Hooper**. 1962. Some estimates of primary production rates in Michigan ponds. *Papers of the Michigan Academy of Science, Arts, and Letters* 47:219-233.
- 340   Schelske, C. L., **F. F. Hooper**, E. J. Haertl. 1963. Responses of a marl lake to chelated iron and fertilizer. *Ecology* 43(4):646-653.
- 343   Ball, R. C., T. A. Wojtalik, **F. F. Hooper**. 1963. Upstream dispersion of radiophosphorus in a Michigan trout stream. *Papers of the Michigan Academy of Science, Arts, and Letters* 48:57-64.
- 344   Ball, R. C., **F. F. Hooper**. 1963. Translocation of phosphorus in a trout stream ecosystem. *Radioecology: Proceedings of the first national symposium on Radioecology*. 1963:217-228.
- 349   **Hooper, F. F.**, R. C. Ball. 1964. Responses of a marl lake to fertilization. *Transactions of the American Fisheries Society* 93(2):164-173.
- 358   Kent, F., **F. F. Hooper**. 1965. Studies on iron-binding organic substances from Michigan waters. *Papers of the Michigan Academy of Science, Arts, and Letters* 50 (1964 meeting).
- 365   **Hooper, F. F.**, R. C. Ball. 1966. Bacterial transport of phosphorus in a stream ecosystem. "Disposal of Radioactive Wastes into Seas, Oceans, and Surface Waters," International Atomic Energy Agency, Vienna 1966:535-549.
- 366   Kent, F., **F. F. Hooper**. 1966. Synthetic detergents: their influence upon iron-binding complexes of natural waters. *Science* 153(3735):526-527.
- 376   Beeton, A. M., S. H. Smith, **F. F. Hooper**. 1967. Physical limnology of Saginaw Bay, Lake Huron. *Great Lakes Fishery Commission Technical Report No. 12*.
- 396   Schneider, J. C., **F. F. Hooper**, A. M. Beeton. 1969. The distribution and abundance of benthic fauna in Saginaw Bay, Lake Huron. *Proceedings of the 12th Conference on Great Lakes Research* 1969:80-90.

**HORNE, B. D.**

- 560   **Horne, B. D.**, E. S. Rutherford, and K. E. Wehrly. 2004. Simulating effects of hydro-dam alteration on thermal regime and wild steelhead recruitment in a stable-flow Lake Michigan tributary. *River Research and Applications* 20:185–203.

**HORWATICH, J. A.**

- 564 Corsi, S. R., J. F. Walker, L. Wang, **J. A. Horwatich**, and R. T. Bannerman. 2005. Effects of best-management practices in Otter Creek in the Sheboygan River priority watershed, Wisconsin, 1990–2002. U.S. Geological Survey, Scientific Investigations Report.

**HUANG, B.**

- 471 Clark, R. D., Jr., **B. Huang**. 1985. Conflict between sportfishing, commercial fishing, and rehabilitation of lake trout in Lake Michigan. North American Journal of Fisheries Management 5:261-276.

**HUBBS, C. L.**

- 1      **Hubbs, C. L.** 1931. Fishery research in Michigan. Transactions of the American Fisheries Society 60:182-186.
- 4      **Hubbs, C. L.** 1932. The improvement of trout streams. What Michigan is doing to shorten the time between bites. American Forests 38(7):394-395.
- 5      **Hubbs, C. L.** 1932. The species of black bass. Transactions of the American Fisheries Society 61:86-88.
- 9      **Hubbs, C. L.** 1933. Sewage treatment and fish life. Sewage Works Journal 5(6):1033-1040.
- 11     **Hubbs, C. L.** 1934. Some experiences and suggestions on forage fish culture. Transactions of the American Fisheries Society 63:53-63.
- 12     **Hubbs, C. L.** 1934. Civilian Conservation Corp stream improvement work in Michigan. Transactions of the American Fisheries Society 63:404-414.
- 18     **Hubbs, C. L.**, G. P. Cooper. 1935. Age and growth of the long-eared and the green sunfishes in Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 20:669-696.
- 19     **Hubbs, C. L.** 1931. A program for inland fishing development. Mimeographed by Izaak Walton League of America (Mimeographed Report No. 4).
- 21     **Hubbs, C. L.**, M. B. Trautman. 1936. The need for investigating fish conditions in winter. Transactions of the American Fisheries Society 65:51-56.
- 24     Trautman, M. B., **C. L. Hubbs**. 1936. When do pike shed their teeth? Transactions of the American Fisheries Society 65:261-266.
- 29     **Hubbs, C. L.**, G. P. Cooper. 1936. Minnows of Michigan. Cranbrook Institute of Science Bulletin No. 8.
- 30     **Hubbs, C. L.** 1936. Planting food for fish. Proceedings of the North American Wildlife Conference 1936:460-464.
- 39     **Hubbs, C. L.** 1937. Fish management. Transactions of the American Fisheries Society 66:51-55.

- 40     **Hubbs, C. L.**, T. E. B. Pope. 1937. The spread of the sea lamprey through the Great Lakes. *Transactions of the American Fisheries Society* 66:172-176.
- 45     **Hubbs, C. L.**, R. W. Eschmeyer. 1938. The improvement of lakes for fishing. *Michigan Conservation Bulletin No. 2*.
- 52     **Hubbs, C. L.**, T. E. B. Pope. 1937. The spread of the sea lamprey through the Great Lakes. *Michigan Conservation* 6(12):5,6,9.
- 174    Trautman, M. B., **C. L. Hubbs**. 1948. When do pike shed their teeth? *Michigan Conservation* 17(8)4, 5, 10.
- 194    **Hubbs, C. L.**, K. F. Lagler. 1949. Fishes of Isle Royale, Lake Superior, Michigan. *Papers of the Michigan Academy of Science, Arts, and Letters* 33:73-133.
- 285    **Hubbs, C. L.**, W. R. Crowe. 1956. Preliminary analysis of the American cyprinid fishes, seven new, referred to the genus *Hybopsis*, subgenus *Erimystax*. *The University of Michigan, Occasional Papers of the Museum of Zoology*, No. 578.

**HUBBS, F. V.**

- 88     Lagler, K. F., **F. V. Hubbs**. 1940. Food of the long-nosed gar (*Lepisosteus osseus oxyurus*) and the bowfin (*Amia calva*) in southern Michigan. *Copeia* 1940(4):239-241.

**HUGHES, R. M.**

- 576    Wang, L., P. W. Seelbach, and **R. M. Hughes**. 2006. Introduction to landscape influences on stream habitats and biological assemblages. *American Fisheries Society Symposium* 48:1-23.

**HUNT, B. P.**

- 148    Moffett, J. W., **B. P. Hunt**. 1945. Winter feeding habits of bluegills, *Lepomis macrochirus* Rafinesque, and yellow perch, *Perca flavescens* (Mitchill), in Cedar Lake, Washtenaw County, Michigan. *Transactions of the American Fisheries Society* 83:231-242.
- 219    **Hunt, B. P.** 1951. Reproduction of the burrowing mayfly, *Hexagenia limbata* (Serville), in Michigan. *The Florida Entomologist* 34(2):59-70.
- 225    **Hunt, B. P.**, W. C. Carbine. 1951. Food of young pike, *Esox lucius* L., and associated fishes in Peterson's ditches, Houghton Lake, Michigan. *Transactions of the American Fisheries Society* 80:67-83.

**HUNTER, D.**

- 531    Thayer, Sarah, R. C. Haas, **Douglas Hunter**, Robert Kushler, 1997. Zebra mussel (*Dreissena polymorpha*) effects on sediment, other zoobenthos, and the diet and growth of adult yellow perch (*Perca flavescens*) in pond enclosures. *Canadian Journal of Fisheries and Aquatic Science* 54: 1903-1915.

**INFANTE, D. M.**

- 581     **Infante, D. M.**, M. J. Wiley, and P. W. Seelbach. 2006. Relationships among channel shape, catchment characteristics, and fish in lower Michigan streams. American Fisheries Society Symposium 48:339–357.
- 582     Diana, M., J. D. Allan, and **D. M. Infante**. 2006. The influence of physical habitat and land use on stream fish assemblages in southeastern Michigan. American Fisheries Society Symposium 48:359–373.
- 754     Wang, L., **D. Infante**, J. Lyons, J. Stewart, and A. Cooper. 2011. Effects of dams in river networks on fish assemblages in non-impoundment sections of rivers in Michigan and Wisconsin, USA. River Research and Applications 27(4):473-487.
- 840     Wang, L., C. M. Riseng, L. A. Mason, K. E. Wehrly, E. S. Rutherford, J. E. McKenna, Jr., C. Castiglione, L. B. Johnson, **D. M. Infante**, S. Sowa, M. Robertson, J. Schaeffer, M. Khoury, J. Gaiot, T. Hollenhorst, C. Brooks, and M. Coscarelli. 2015. A spatial classification and database for management, research, and policy making: the Great Lakes aquatic habitat framework. Journal of Great Lakes Research 41:584-596.
- 852     Scribner, K. T., W. H. Lowe, E. Landguth, G. Luikart, **D. M. Infante**, G. E. Whelan, and C. C. Muhlfeld. 2016. Applications of genetic data to improve management and conservation of river fishes and their habitats. Fisheries 41(4):174-188.
- 873     Carlson, A. K., W. W. Taylor, K. M. Schlee, T. G. Zorn, and **D. M. Infante**. 2015. Projected impacts of climate change on stream salmonids with implications for resilience-based management. Ecology of Freshwater Fish. DOI: 10.1111/eff.12267.
- 884     Forsyth, D. K., C. M. Riseng, K. E. Wehrly, L. A. Mason, J. Gaiot, T. Hollenhorst, C. M. Johnston, C. Wyrzkowski, G. Annis, C. Castiglione, K. Todd, M. Robertson, **D. M. Infante**, L. Wang, J. E. McKenna, and G. Whelan. 2016. The Great Lakes hydrography dataset: Consistent, binational watersheds for the Laurentian Great Lakes Basin. Journal of the American Water Resources Association 1-21. doi: 10.1111/1752-1688.12435.

**IVAN, L. N.**

- 745     **Ivan, L. N.**, T. O. Höök, M. V. Thomas, and D. G. Fielder. 2011. Long-term and interannual dynamics of walleye and yellow perch in Saginaw Bay, Lake Huron. Transactions of the American Fisheries Society 140(4):1078-1092.
- 809     **Ivan, L. N.**, D. G. Fielder, M. V. Thomas, and T. O. Höök. 2014. Changes in the Saginaw Bay, Lake Huron, fish community from 1970-2011. Journal of Great Lakes Research 40(4):922-933.

**JAMSEN, G.**

- 854     Ellefson, P. V., and **G. C. Jam森**. 1971. Michigan's salmon-steelhead trout fishery: an economic evaluation. Michigan Academician IV(2):237-244.
- 855     **Jam森, G. C.**, and P. V. Ellefson. 1971. Economic evaluation of Michigan's salmon-trout fishery. Transactions of the Thirty-sixth North American Wildlife and Natural Resources Conference, Wildlife Management Institute, Washington, D. C.

**JANSSEN, J.**

- 557 Beletsky, D., D. Schwab, D. Mason, E. Rutherford, M. McCormick, H. Vanderploeg, and J. Janssen. 2003. Modeling the transport of larval yellow perch in Lake Michigan. ASCE Conf. Proc. 145, 28.
- 657 Beletsky, D., D. M. Mason, D. J. Schwab, E. S. Rutherford, **J. Janssen**, D. F. Clapp, and J. M. Dettmers. 2007. Biophysical model of larval yellow perch advection and settlement in Lake Michigan. Journal of Great Lakes Research 33:842–866.
- 661 **Janssen, J.**, J. E. Marsden, C. R. Bronte, D. J. Jude, S. P. Sitar, and F. W. Goetz. 2007. Challenges to deep-water reproduction by lake trout: pertinence to restoration in Lake Michigan. Journal of Great Lakes Research 33 (Supplement 1):59–74.
- 708 Warner, D. M., R. M. Claramunt, **J. Janssen**, D. J. Jude, and N. Watrus. 2009. Acoustic estimates of abundance and distribution of spawning lake trout on Sheboygan Reef in Lake Michigan. Journal of Great Lakes Research 35(1):147-153.
- 872 Riley, S. C., T. R. Binder, N. J. Watrus, M. D. Faust, **J. Janssen**, J. Menzies, J. E. Marsden, M. P. Ebener, C. R. Bronte, J. X. He, T. R. Tucker, M. J. Hansen, H. T. Thompson, A. M. Muir, and C. C. Krueger. 2014. Lake trout in northern Lake Huron spawn on submerged drumlins. Journal of Great Lakes Research 40:415-420.

**JOERIS, L. S.**

- 346 Crowe, W. R., E. Karvelis, **L. S. Joeris**. 1963. The movement, heterogeneity, and rate of exploitation of walleyes in northern Green Bay, Lake Michigan, as determined by tagging. International Commission of N.W. Atlantic Fisheries Special Publication 4.

**JOHNSON, J. E.**

- 512 **Johnson, J. E.**, J. P. VanAmberg. 1995. Evidence of natural reproduction of lake trout in western Lake Huron. Journal of Great Lakes Research 21 (Supplement 1):253-259.
- 514 Eshenroder, R. L., N. R. Payne, **J. E. Johnson**, C. Bowen II, M. P. Ebener. 1995. Lake trout rehabilitation in Lake Huron. Journal of Great Lakes Research 21 (Supplement 1):108-127.
- 521 Sitar, S. P., J. R. Bence, **J. E. Johnson**, W. W. Taylor. 1997. Sea lamprey wounding rates on lake trout in Lake Huron, 1984-1994. Michigan Academician XXIX, 21-37.
- 524 Sitar, S. P., J. R. Bence, **J. E. Johnson**, M. P. Ebener, W. W. Taylor. 1999. Lake trout mortality and abundance in southern Lake Huron. North American Journal of Fisheries Management 19:881-900.
- 525 Bowen, Charles A. II, C. R. Bronte, R. L. Argyle, J. V. Adams, **J. E. Johnson**. 1999. Vateritic sagitta in wild and stocked lake trout: applicability to stock origin. Transactions of the American Fisheries Society 128:929-938.
- 549 **Johnson, J. E.**, J. X. He, A. P. Woldt, M. P. Ebener, and L. C. Mohr. 2004. Lessons in rehabilitation stocking and management of lake trout in Lake Huron. the American Fisheries Society Symposium 44:161–175.

- 610 Wilberg, M. J., J. R. Bence, and **J. E. Johnson**. 2002. Survival of juvenile lake trout stocked in western Lake Huron during 1974–1992. North American Journal of Fisheries Management 22:213–218.
- 642 Adlerstein, S. A., E. S. Rutherford, J. A. Clevenger, **J. E. Johnson**, D. F. Clapp, and A. P. Woldt. 2007. Lake trout movements in U.S. waters of Lake Huron interpreted from coded wire tag recoveries in recreational fisheries. Journal of Great Lakes Research 33:186–201.
- 644 Whelan, G. E., and **J. E. Johnson**. 2004. Successes and failures of large-scale ecosystem manipulation using hatchery production: the upper Great Lakes Experience. American Fisheries Society Symposium 44:3–32.  
\*\* Note: book publication date is February 2005
- 666 He, J. X., J. R. Bence, **J. E. Johnson**, D. F. Clapp, and M. P. Ebener. 2008. Modeling variation in mass-length relations and condition indices of lake trout and Chinook salmon in Lake Huron: a hierarchical Bayesian approach. Transactions of the American Fisheries Society 137:801–817.
- 716 Claramunt, R. M., A. M. Muir, **J. Johnson**, and T. M. Sutton. 2010. Spatio-temporal trends in the food habits of age-0 lake whitefish. Journal of Great Lakes Research 36(Supplement 1):66-72.
- 723 **Johnson, J. E.**, S. P. DeWitt, and D. J. A. Gonder. 2010. Mass-marking reveals emerging self regulation of the Chinook salmon population in Lake Huron. North American Journal of Fisheries Management 30:518-529.
- 828 He, J. X., J. R. Bence, C. P. Madenjian, S. A. Pothoven, N. E. Dobiesz, D. G. Fielder, **J. E. Johnson**, M. P. Ebener, R. A. Cottrill, L. C. Mohr, and S. R. Koproski. 2015. Coupling age-structured stock assessment and fish bioenergetics models: a system of time-varying models for quantifying piscivory patterns during the rapid trophic shift in the main basin of Lake Huron. Canadian Journal of Fisheries and Aquatic Sciences 72:7-23.
- 829 **Johnson, J. E.**, J. X. He, and D. G. Fielder. 2015. Rehabilitation stocking of Walleyes and Lake Trout: restoration of reproducing stocks in Michigan waters of Lake Huron. North American Journal of Aquaculture 77(3):396-408.
- 845 Bence, J. R., C. P Madenjian, J. X. He, D. G. Fielder, S. A. Pothoven, N. E. Dobiesz, **J. E. Johnson**, M. P. Ebener, R. A. Cottrill, L. C. Mohr, and S. R. Koproski. 2016. Reply to comments by Riley and Dunlop on He et al. (2015). Canadian Journal of Fisheries and Aquatic Sciences 73(5):865-868.
- 864 Riley, S. C., J. X. He, **J. E. Johnson**, T. P. O'Brien, and J. S. Schaeffer. 2007. Evidence of widespread natural reproduction by lake trout *Salvelinus namaycush* in the Michigan waters of Lake Huron. Journal of Great Lakes Research 33:917-921.
- 865 Muir, A. M., M. P. Ebener, J. X. He, and **J. E. Johnson**. 2008. A comparison of the scale and otolith methods of age estimation for lake whitefish in Lake Huron. North American Journal of Fisheries Management 28:625-635.

- 866 Fitzsimons, J. D., S. Brown, L. Brown, D. Honeyfield, J. He, and **J. E. Johnson**. 2010. Increase in lake trout reproduction in Lake Huron following the collapse of alewife: Relief from thiamine deficiency or larval predation? *Aquatic Ecosystem Health & Management* 13(1):73-84.
- 867 He, J. X., M. P. Ebener, S. C. Riley, A. Cottrill, A. Kowalski, S. Koproski, L. Mohr, and **J. E. Johnson**. 2012. Lake trout status in the main basin of Lake Huron, 1973-2010. *North American Journal of Fisheries Management* 32(2):402-412.
- 878 Clark, R. D., Jr., J. R. Bence, R. M. Claramunt, **J. E. Johnson**, D. Gonder, N. D. Legler, S. R. Robillard, and B. D. Dickinson. 2016. A spatially explicit assessment of changes in Chinook Salmon fisheries in Lakes Michigan and Huron from 1986 to 2011. *North American Journal of Fisheries Management* 36:1068-1083.
- 890 Marsden, J. E., T. R. Binder, **J. E. Johnson**, J. He, N. Dingledine, J. Adams, N. S. Johnson, T. J. Buchinger, and C. C. Krueger. 2016. Five-year evaluation of habitat remediation in Thunder Bay, Lake Huron: comparison of constructed reef characteristics that attract spawning Lake Trout. *Fisheries Research* 183:275-286.

**JONAS, J. L.**

- 566 Claramunt, R. M., **J. L. Jonas**, J. D. Fitzsimons, and J. E. Marsden. 2005. Influences of spawning habitat characteristics and interstitial predators on lake trout egg deposition and mortality. *Transactions of the American Fisheries Society* 134:1048–1057.
- 587 Claramunt, R. M., **J. L. Jonas**, J. D. Fitzsimons, and J. E. Marsden. 2005. Influences of spawning habitat characteristics and interstitial predators on lake trout egg deposition and mortality. *Transactions of the American Fisheries Society* 134:1048–1057.
- 588 **Jonas, J. L.**, R. M. Claramunt, J. D. Fitzsimons, and J. E. Marsden. 2005. Estimates of egg deposition and effects of lake trout (*Salvelinus namaycush*) egg predators in three regions of the Great Lakes. *Canadian Journal of Fisheries and Aquatic Science* 62:2254–2264.
- 590 Marsden, J. E., B. J. Ellrott, R. M. Claramunt, **J. L. Jonas**, and J. D. Fitzsimons. 2005. A comparison of lake trout spawning, fry emergence, and habitat use in lakes Michigan, Huron, and Champlain. *Journal of Great Lakes Research* 31:492–508.
- 591 Fitzsimons, J. D., B. Williston, G. Williston, G. Bravener, **J. L. Jonas**, R. M. Claramunt, J. E. Marsden, and B. J. Ellrott. 2006. Laboratory estimates of salmonine egg predation by round gobies (*Neogobius melanostomus*), sculpins (*Cottus cognatus* and *C. bairdi*), and crayfish (*Orconectes propinquus*). *Journal of Great Lakes Research* 32:227–241.
- 594 Diana, C. M., **J. L. Jonas**, R. M. Claramunt, J. D. Fitzsimons, and J. E. Marsden. 2006. A comparison of methods for sampling round goby in rocky littoral areas. *North American Journal of Fisheries Management* 26:514–522.
- 609 **Jonas, J. L.**, P. J. Schneeberger, D. F. Clapp, M. Wolgamood, G. Wright, and B. Lasee. 2002. Presence of the BKD-causing bacterium *Renibacterium salmoninarum* in lake whitefish and bloaters in the Laurentian Great Lakes. *Archiv. fur Hydrobiologie* 57:447–452.

- 668 Bronte, C. R., **J. L. Jonas**, M. E. Holey, R. L. Eshenroder, M. L. Toneys, P. McKee, B. Breidert, R. M. Claramunt, M. P. Ebener, C. C. Krueger, G. Wright, and R. Hess. 2003. Possible impediments to lake trout restoration in Lake Michigan. Lake Michigan Lake Trout Task Group, Lake Michigan Committee, Great Lakes Fishery Commission, Ann Arbor, Michigan.
- 670 **Jonas, J. L.**, D. F. Clapp, J. R. Bence, and M. E. Holey. 2005. Salmonine community. Pages 33-47 in M. E. Holey and T. N. Trudeau, editors. The state of Lake Michigan in 2000. Great Lakes Fishery Commission, Special Publication 05-01, Ann Arbor, Michigan.
- 671 Schneeberger, P. J., R. F. Elliott, **J. L. Jonas**, and S. Hart. 2005. Benthivores. Pages 59-73 in M. E. Holey and T. N. Trudeau, editors. The state of Lake Michigan in 2000. Great Lakes Fishery Commission, Special Publication 05-01, Ann Arbor, Michigan.
- 672 Bronte, C. R., M. E. Holey, C. P. Madenjian, **J. L. Jonas**, R. M. Claramunt, P. C. McKee, M. L. Toneys, M. P. Ebener, B. Breidert, G. W. Fleischer, R. Hess, A. W. Martell, Jr., and E. J. Olsen. 2007. Relative abundance, site fidelity, and survival of adult lake trout in Lake Michigan from 1999 to 2001: implications for future restoration strategies. North American Journal of Fisheries Management 27(1):137-155.
- 673 Ellrott, B. J., J. E. Marsden, J. D. Fitzsimons, **J. L. Jonas**, and R. M. Claramunt. 2007. Effects of temperature and density on consumption of trout eggs by *Orconectes propinquus* and *O. rusticus*. Journal of Great Lakes Research 33(1):7-14.
- 674 Fitzsimons, J. D., **J. L. Jonas**, R. M. Claramunt, B. Williston, G. Williston, J. E. Marsden, B. J. Ellrott, and D. C. Honeyfield. 2007. Influence of egg predation and physical disturbance on lake trout *Salvelinus namaycush* egg mortality and implications for life-history theory. Journal of Fish Biology 71(1):1-16.
- 678 Bronte, C. R., C. C. Krueger, M. E. Holey, M. L. Toneys, R. L. Eshenroder, and **J. L. Jonas**. 2008. A Guide for the rehabilitation of lake trout in Lake Michigan. Great Lakes Fishery Commission, Miscellaneous Publication 2008-01, Ann Arbor, Michigan.
- 686 **Jonas, J.**, R. M. Claramunt, and E. Rutherford. 2008. Salmonine reproduction and recruitment. Pages 65-70 in D. F. Clapp and W. Horns, editors. The state of Lake Michigan in 2005. Great Lakes Fishery Commission Special Publication 08-02, Ann Arbor, Michigan.
- 827 Hares, C. J., **J. L. Jonas**, and J. B. K. Leonard. 2015. Diet analysis of burbot (*Lota lota*) from eastern Lake Michigan: 1996-2012. Hydrobiologia 757(1):89-99.
- 894 **Jonas, J. L.**, K. J. Broadway, L. Mathews, T. L. Galarowicz, K. L. Pangle, A. M. Muir, and K. T. Scribner. 2017. Evidence of a remnant self-sustaining strain of lake trout in the Lake Michigan basin. Journal of Great Lakes Research 43:155-162.

**JONES, M. L.**

- 508 Rand, P. S., D. J. Stewart, P. W. Seelbach, **M. L. Jones**, L. R. Wedge. 1993. Modeling steelhead population energetics in Lakes Michigan and Ontario. Transactions of the American Fisheries Society 122:977-1001.

- 617 Haeseker, S. L., **M. L. Jones**, and J. R. Bence. 2003. Estimating uncertainty in the stock-recruitment relationship for St. Marys River sea lampreys. *Journal of Great Lakes Research* 29 (Supplement 1):728–741.
- 693 Bruggeman, D. J., **M. L. Jones**, K. T. Scribner, and F. Lupi. 2009. Relating tradable credits for biodiversity to sustainability criteria in a dynamic landscape. *Landscape Ecology* 24:775-790.
- 699 Dawson, H. A., **M. L. Jones**, K. T. Scribner, and S. A. Gilmore. 2009. An assessment of age determination methods for Great Lakes larval sea lampreys. *North American Journal of Fisheries Management* 29(4):914-927.
- 701 Hayes, D. B., **M. L. Jones**, N. Lester, C. Chu, S. Doka, J. Netto, J. Stockwell, B. Thompson, C. K. Minns, B. Shuter, and N. Collins. 2009. Linking fish population dynamics to habitat conditions: insights from the application of a process-oriented approach to several Great Lakes species. *Reviews in Fish Biology and Fisheries* 19:295-312.
- 702 **Jones, M. L.**, and J. R. Bence. 2009. Uncertainty and fishery management in the North American Great Lakes: Lessons from applications of decision analysis. Pages 1059-1081 in C.C. Krueger and C.E. Zimmerman, editors. *Pacific salmon: ecology and management of western Alaska's populations*. American Fisheries Society, Symposium 70, Bethesda, Maryland.
- 703 **Jones, M. L.**, B. J. Irwin, G. J. A. Hansen, H. A. Dawson, A. J. Treble, W. Liu, W. Dai, and J. R. Bence. 2009. An operating model for the integrated pest management of Great Lakes Sea Lampreys. *The Open Fish Science Journal* (2):59-73.
- 744 Irwin, B. J., M. J. Wilberg, **M. L. Jones**, and J. R. Bence. 2011. Applying structured decision making to recreational fisheries management. *Fisheries* 36(3):113-122.
- 819 Tsehay, 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(2):420-437.
- 834 Myers, J. T., D. L. Yule, **M. L. Jones**, T. D. Ahrenstorff, T. R. Hrabik, R. M. Claramunt, M. P. Ebener, and E. K. Berglund. 2015. Spatial synchrony in cisco recruitment. *Fisheries Research* 165:11-21.
- 839 Tsehay, I., **M. L. Jones**, B. J. Irwin, D. G. Fielder, J. E. Breck, and D. R. Luukkonen. 2015. A predictive model to inform adaptive management of double-crested cormorants and fisheries in Michigan. *Natural Resource Modeling* 28(3):348-376.
- 847 Fielder, D. G., **M. L. Jones**, and J. R. Bence. 2016. Use of a structured approach to the analysis of management options and value of information for a recreationally exploited fish population: a case study of Walleyes in Saginaw Bay. *North American Journal of Fisheries Management* 36(2):407-420.
- 876 Myers, J. T., D. L. Yule, **M. L. Jones**, T. D. Ahrenstorff, T. R. Hrabik, R. M. Claramunt, M. P. Ebener, and E. K. Berglund. 2015. Spatial synchrony in cisco recruitment. *Fisheries Research* 165:11-21.

**JONES, P. D.**

- 436 Momot, W. T., H. Gowing, **P. D. Jones**. 1978. The dynamics of crayfish and their role in ecosystems. American Midland Naturalist 99(1):10-35.

**JONES, T. S.**

- 522 Peck, J. W., **T. S. Jones**, W. R. MacCallum, S. T Schram. 1999. Contribution of hatchery-reared fish to chinook salmon populations and sport fisheries in Lake Superior. North American Journal of Fisheries Management 19:155-164.

**JUDE, D. J.**

- 600 Clapp, D. F., P. J. Schneeberger, **D. J. Jude**, G. Madison, and C. Pistis. 2001. Monitoring round goby (*Neogobius melansostomus*) population expansion in eastern and northern Lake Michigan. Journal of Great Lakes Research 27:335–341.
- 602 Madenjian, C. P., G. L. Fahnenstiel, T. H. Johengen, T. F. Nalepa, H. A. Vanderploeg, G. W. Fleischer, P. J. Schneeberger, D. M. Benjamin, E. B. Smith, J. R. Bence, E. S. Rutherford, D. S. Lavis, D. M. Robertson, **D. J. Jude**, and M. P. Ebener. 2002. Dynamics of the Lake Michigan food web, 1970–2000. Canadian Journal of Fisheries and Aquatic Sciences 59:736–753.
- 661 Janssen, J., J. E. Marsden, C. R. Bronte, **D. J. Jude**, S. P. Sitar, and F. W. Goetz. 2007. Challenges to deep-water reproduction by lake trout: pertinence to restoration in Lake Michigan. Journal of Great Lakes Research 33 (Supplement 1):59–74.
- 708 Warner, D. M., R. M. Claramunt, J. Janssen, **D. J. Jude**, and N. Watrus. 2009. Acoustic estimates of abundance and distribution of spawning lake trout on Sheboygan Reef in Lake Michigan. Journal of Great Lakes Research 35(1):147-153.
- 863 Hensler, S. R., **D. J. Jude**, and J. He. 2008. Burbot growth and diets in lakes Michigan and Huron: an ongoing shift from native species to round gobies. Pages 91–107 in V. L. Paragamian and D. H. Bennett, editors. Burbot: Ecology, Management, and Culture. American Fisheries Society Symposium 59, American Fisheries Society, Bethesda, Maryland.

**KALISH, T. G.**

- 766 Homola, J. J., J. Kanefsky, K. T. Scribner, T. G. Kalish, and M. A. Tonello. 2012. Genetic identification of two putative world record Michigan salmonids resolves stakeholder and manager questions. Journal of Great Lakes Research 38:176-179.

**KAMP, G. C.**

- 108 Brown, C. J. D., **G. C. Kamp**. 1942. Gonad measurements and egg counts of brown trout (*Salmo trutta*) from the Madison River, Montana. Transactions of the American Fisheries Society 71:195-200.

**KANEHL, P.**

- 555 Wang, L., J. Lyons, P. Rasmussen, P. Seelbach, T. Simon, M. Wiley, **P. Kanehl**, E. Baker, S. Niemela, and P. M. Stewart. 2003. Watershed, reach, and riparian influences on stream fish assemblages in the Northern Lakes and Forest Ecoregion, U.S.A. Canadian Journal of Fisheries and Aquatic Science 60:491–505.
- 575 Wang, L., B. W. Weigel, **P. Kanehl**, and K. Lohman. 2006. Influence of riffle and snag habitat specific sampling on stream macroinvertebrate assemblage measures in bioassessment. Environmental Monitoring and Assessment 119:245–273.
- 596 Wang, L., J. Lyons, and **P. Kanehl**. 2006. Habitat and fish responses to multiple agricultural best management practices in a warm water stream. Journal of the American Water Resources Association 42:1047–1062.
- 606 Wang, L., J. Lyons, and **P. Kanehl**. 2002. Effects of watershed best management practices on habitat and fish in Wisconsin streams. Journal of the American Water Resources Association 38:663–680.
- 619 Wang, L., J. Lyons, and **P. Kanehl**. 2003. Impacts of urban land cover on trout streams in Wisconsin and Minnesota. Transactions of the American Fisheries Society 132:825–839.
- 643 Wang, L., J. Lyons, **P. Kanehl**, and R. Gatti. 1997. Influences of watershed land use on habitat quality and biotic integrity in Wisconsin streams. Fisheries 22:6–12.

**KARVELIS, E.**

- 346 Crowe, W. R., **E. Karvelis**, L. S. Joeris. 1963. The movement, heterogeneity, and rate of exploitation of walleyes in northern Green Bay, Lake Michigan, as determined by tagging. International Commission of N.W. Atlantic Fisheries Special Publication 4.

**KELLER, M.**

- 491 Loftus, A. J., W. W. Taylor, **M. Keller**. 1988. An evaluation of lake trout (*Salvelinus namaycush*) hooking mortality in the upper Great Lakes. Canadian Journal of Fisheries and Aquatic Sciences 45:1473-1479.

**KENNEDY, G.**

- 542 Nichols, S.J., **G. Kennedy**, E. Crawforth, J. Allen, J. French III, G. Black, M. Blouin, J. Hickey, S. Chernyak, R. Haas, M. Thomas. 2003. Assessment of lake sturgeon (*Acipenser fulvescens*) spawning efforts in the lower St. Clair River, Michigan. Journal of Great Lakes Research, 29(3):383-391.

**KENT, F.**

- 358 **Kent, F.**, F. F. Hooper. 1965. Studies on iron-binding organic substances from Michigan waters. Papers of the Michigan Academy of Science, Arts, and Letters 50 (1964 meeting).
- 366 **Kent, F.**, F. F. Hooper. 1966. Synthetic detergents: their influence upon iron-binding complexes of natural waters. Science 153(3735):526-527.

**KNIGHT, A.**

- 327      **Knight, Allen.,** R. C. Ball, F. F. Hooper. 1962. Some estimates of primary production rates in Michigan ponds. *Papers of the Michigan Academy of Science, Arts, and Letters* 47:219-233.

**KOELTZ, W.**

- 16      **Koeltz, W.** 1931. The coregonid fishes of northeastern American. *Papers of the Michigan Academy of Science, Arts, and Letters* 13:303-432.

**KOLB, T. L.**

- 696      Claramunt, R. M., **T. L. Kolb**, D. F. Clapp, D. B. Hayes, J. L. Dexter, Jr., and D. M. Warner. 2009. Effects of increasing Chinook salmon bag limits on alewife abundance: implications for Lake Michigan management goals. *North American Journal of Fisheries Management* 29:829-842.
- 791      **Kolb, T. L.**, E. A. Blukacz-Richards, A. M. Muir, R. M. Claramunt, M. A. Koops, W. W. Taylor, T. M. Sutton, M. T. Arts, and E. Bissel. 2013. How to manage data to enhance their potential for synthesis, preservation, sharing, and reuse—a Great Lakes case study. *Fisheries* 38(2):52-64.

**KOTCHEN, M. J.**

- 574      **Kotchen, M. J.**, M. R. Moore, F. Lupi, and E. S. Rutherford. 2006. Environmental constraints on hydropower: an ex post benefit-cost analysis of dam relicensing in Michigan. *Land Economics* 82(3):384–403.

**KRAFT, L. S.**

- 570      **Kraft, L. S.**, and C. A. Geddes. 2006. Using the NHD as a tool for fisheries GIS data evaluation and management. *Water Resources Impact* 8:8–11.
- 732      Wang, L., K. Wehrly, J. E. Breck, and **L. Szabo Kraft**. 2010. Landscape-based assessment of human disturbance for Michigan lakes. *Environmental Management* 46:471-483.
- 774      Wehrly, K. E., J. E. Breck, L. Wang, and **L. Szabo-Kraft**. 2012. A landscape-based classification of fish assemblages in sampled and unsampled lakes. *Transactions of the American Fisheries Society* 141(2):414-425.
- 775      Wehrly, K. E., J. E. Breck, L. Wang, and **L. Szabo-Kraft**. 2012. Assessing local and landscape patterns of residential shoreline development in Michigan lakes. *Lake and Reservoir Management* 28(2):158-169.

**KRUGER, K. M.**

- 473      Kruger, K. M., W. W. Taylor, J. R. Ryckman. 1985. Angler use and harvest in the Pere Marquette River near Baldwin, Michigan. *Michigan Academician* 17(3).

**KRUMHOLZ, L. A.**

- 100    **Krumholz, L. A.**, W. R. Crowe. 1941. How to tell apart the fish that look alike. Michigan Conservation 11(4):6,7.
- 120    **Krumholz, L. A.** 1943. A comparative study of the Weberian ossicles in North American ostariophysine fishes. Copeia 1943(1):33-40.
- 128    **Krumholz, L. A.** 1944. A check on the fin-clipping method for estimating fish populations. Papers of the Michigan Academy of Science, Arts, and Letters 29:281-291.
- 134    **Krumholz, L. A.** 1944. Northward acclimatization of the western mosquitofish, *Gambusia affinis affinis*. Copeia 1944:82-85.
- 186    **Krumholz, L. A.** 1949. Rates of survival and growth of bluegill yolk fry stocked at different intensities in hatchery ponds. Transactions of the American Fisheries Society 76:190-203.
- 200    **Krumholz, L. A.** 1949. Length-weight relationship of the muskellunge, *Esox m. masquinongy*, in Lake St. Clair. Transactions of the American Fisheries Society 77:42-48.

**KUSHLER, R.**

- 531    Thayer, Sarah, R. C. Haas, Douglas Hunter, **Robert Kushler**. 1997. Zebra mussel (*Dreissena polymorpha*) effects on sediment, other zoobenthos, and the diet and growth of adult yellow perch (*Perca flavescens*) in pond enclosures. Canadian Journal of Fisheries and Aquatic Science 54: 1903-1915.

**LAARMAN, P. W.**

- 395    **Laarman, P. W.** 1969. Effects of a limited food supply on growth rates of coho salmon and steelhead trout. Transactions of the American Fisheries Society 98(3):393-397.
- 404    **Laarman, P. W.** 1971. Seasonal variation in protein content of bluegill pituitary glands. Transactions of the American Fisheries Society 100(2):360-362.
- 423    **Laarman, P. W.**, W. A. Willford, J. R. Olson. 1976. Retention of mercury in the muscle of yellow perch (*Perca flavescens*) and rock bass (*Ambloplites rupestris*). Transactions of the American Fisheries Society 105(2):296-300.
- 439    **Laarman, P. W.** 1978. Case histories of stocking walleyes in inland lakes, impoundments, and the Great Lakes--100 years with walleyes. Transactions of the American Fisheries Society 11:254-260.
- 445    **Laarman, P. W.** 1979. Reproduction of F<sub>1</sub> hybrid sunfishes in small ponds. The Progressive Fish-Culturist 41(3):145-147.
- 453    **Laarman, P. W.** 1981. Vital statistics of a Michigan fish population with special emphasis on the effectiveness of stocking 15-cm walleye fingerling. North American Journal of Fisheries Management 1:177-185.
- 456    **Laarman, P. W.**, J. R. Ryckman. 1982. Relative size selectivity of trap nets for eight species of fish. North American Journal of Fisheries Management 2:33-37.

**LAGLER, K. F.**

- 62      **Lagler, K. F.**, K. E. Goellner. 1939. The mud puppy--an enemy of fish? Michigan Conservation 8(7):3.
- 69      **Lagler, K. F.**. 1939. The control of fish predators at hatcheries and rearing stations. The Journal of Wildlife Management 3(3):169-179.
- 80      Salyer, J. C. II., **K. F. Lagler**. 1940. The food habits of the American merganser during winter in Michigan, considered in relation to fish management. The Journal of Wildlife Management 4(2):186-219.
- 81      **Lagler, K. F.** 1940. A turtle loss. American Wildlife 29(1):41-44.
- 88      **Lagler, K. F.**, F. V. Hubbs. 1940. Food of the long-nosed gar (*Lepisosteus osseus oxyurus*) and the bowfin (*Amia calva*) in southern Michigan. Copeia 1940(4):239-241.
- 93      **Lagler, K. F.**, K. E. Goellner. 1941. Notes on *Necturus maculosus* (Rafinesque), from Evans Lake, Michigan. Copeia 1941(2):96-98.
- 98      **Lagler, K. F.** 1941. Predatory animals and game fish. American Wildlife 30:87-90.
- 104     **Lagler, K. F.**, B. T. Ostenson. 1942. Early spring food of the otter in Michigan. The Journal of Wildlife Management 6:244-254.
- 111     **Lagler, K. F.**, V. C. Applegate. 1942. Further studies of the food of the bowfin (*Amia calva*) in southern Michigan, with notes on the inadvisability of using trapped fish in food analysis. Copeia 1942(3):190-191.
- 118     **Lagler, K. F.** 1943. Methods of collecting freshwater turtles. Copeia 1943(1):21-25.
- 119     **Lagler, K. F.** 1943. Turtle: an unrationed ration. Michigan Conservation 12:6,7.
- 119a    **Lagler, K. F.**, V. C. Applegate. 1943. Relationship between the length and weight in the snapping turtle *Chelydra serpentina* Linnaeus. The American Naturalist 77:476-478.
- 121     **Lagler, K. F.** 1943. Food habits and economic relations of the turtles of Michigan with special reference to fish management. The American Midland Naturalist 29:257-312.
- 139     **Lagler, K. F.**, J. C. Salyer, II. 1945. Influence of availability on the feeding habits of the common garter snake. Copeia 1945(3):159-162.
- 152     **Lagler, K. F.**, J. C. Salyer, II. 1947. Food and habits of the common watersnake, *Natrix s. sipedon*, in Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 31(1945):169-180.
- 154     **Lagler, K. F.** 1947. Lepidological studies. I. Scale characters of the families of Great Lakes fishes. Transactions of the American Microscopical Society 66(2):149-171.
- 192     Salyer, J. C. II., **K. F. Lagler**. 1949. The eastern belted kingfisher, *Megaceryle alcyon alcyon* (Linnaeus), in relation to fish management. Transactions of the American Fisheries Society 76:97-117.

- 194 Hubbs, C. L., **K. F. Lagler**. 1949. Fishes of Isle Royale, Lake Superior, Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 33:73-133.
- 213 **Lagler, K. F.** 1950. Fishery training and research in the University of Michigan to 1950. The Biologist 33(1):13-18.
- 229 **Lagler, K. F.**, A. S. Hazzard, W. E. Hazen, W. A. Tomkins. 1950. Outboard motors in relation to fish behavior, fish production, and angling success. Transactions of the Fifteenth North American Wildlife Conference, March 6, 7, and 9, 1950. Pages 280-303.
- 288 Cooper, G. P., **K. F. Lagler**. 1956. The measurement of fish population size. Transactions of the Twenty-first North American Wildlife Conference 1956:281-297.

**LATTA, W. C.**

- 263 Cooper, G. P., **W. C. Latta**. 1954. Further studies on the fish population and exploitation by angling in Sugarloaf Lake, Washtenaw County, Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 39:209-223.
- 303 **Latta, W. C.** 1958. Significance of trap-net selectivity in estimating fish population statistics. Papers of the Michigan Academy of Science, Arts, and Letters 46:123-138.
- 316 **Latta, W. C.**, G. F. Myers. 1961. Night use of a direct-current electric shocker to collect trout in lakes. Transactions of the American Fisheries Society 90(1):81-83.
- 334 **Latta, W. C.** 1962. Periodicity of mortality of brook trout during first summer of life. Transactions of the American Fisheries Society 91(4):408-411.
- 339 **Latta, W. C.** 1963. Semiannual estimates of natural mortality of hatchery brook trout in lakes. Transactions of the American Fisheries Society 92(1):53-59.
- 356 **Latta, W. C.** 1965. Relationship of young-of-the-year trout to mature trout and groundwater. Transactions of the American Fisheries Society 94(1):32-39.
- 363 **Latta, W. C.**, R. F. Sharkey. 1966. Feeding behavior of the American merganser in captivity,. The Journal of Wildlife Management 30(1):17-23.
- 392 **Latta, W. C.** 1969. Some factors affecting survival of young-of-the-year brook trout, *Salvelinus fontinalis* (Mitchill), in streams. Symposium on Salmon and Trout in Streams. Pages 229-240 in H. R. MacMillan Lectures in Fisheries, 1968, University of British Columbia, Vancouver, Canada.
- 411 **Latta, W. C.** 1972. The northern pike in Michigan: A simulation of regulations for fishing. Michigan Academician 5(2):153-170.
- 426 **Latta, W. C.**, J. W. Merna. 1977. Some factors influencing size of the year class of bluegills (*Lepomis macrochirus*) in ponds. Michigan Academician 9(4):483-502.
- 431 Carl, L. M., J. R. Ryckman, **W. C. Latta**. 1977. Management of seasonal stream trout fishing in a metropolitan area. Michigan Academician 10(1):47-56.
- 515 **Latta, W. C.** 1998. Status of the endangered and threatened fishes of Michigan. Michigan Academician XXX, 1-16.

- 532 **Latta, W.C.** 2002. Changes in fish assemblages in Michigan's streams since 1922. Michigan Academician XXXIII: 297-319.
- 573 Latta, W. C. 2006. The early history of fisheries management in Michigan. *Fisheries* 31(5):230–234.
- 650 **Latta, W. C.** 2007. Changes in fish assemblages in Michigan lakes since the 1950s. Michigan Academician XXXVII:3–18.
- 663 **Latta, W. C.**, J. E. Breck, and E. R. Marshall Duchon. 2008. Species-area and latitudinal patterns for Michigan fishes. *American Midland Naturalist* 159:349–363.

**LEACH, J. H.**

- 430 Schneider, J. C., **J. H. Leach**. 1977. Walleye (*Stizostedion vitreum vitreum*) fluctuations in the Great Lakes and possible causes, 1800-1975. *Journal of the Fisheries Research Board of Canada* 34(10):1878-1889.
- 443 Schneider, J. C., **J. H. Leach**. 1979. Walleye stocks in the Great Lakes, 1800-1975: fluctuations and possible causes. *Great Lakes Fishery Commission Technical Report* 31.

**LEONARD, F. A.**

- 189 Leonard, J. W., **F. A. Leonard**. 1949. An analysis of the feeding habits of rainbow trout and lake trout in Birch Lake, Cass County, Michigan. *Transactions of the American Fisheries Society* 76:301-314.
- 198 Leonard, J. W., **F. A. Leonard**. 1949. An annotated list of Michigan Trichoptera. *Occasional Papers of the Museum of Zoology*, University of Michigan, Ann Arbor, Michigan, No. 522.

**LEONARD, J. W.**

- 37 **Leonard, J. W.**, D. S. Shetter. 1937. Studies on merganser depredations in Michigan trout waters. *Transactions of the American Fisheries Society* 66:335-337.
- 47 Michigan Conservation, April 1938, Vol. 7, No. -contains the following articles:  
A. S. Hazzard, D. S. Shetter. Shall we plant more legal fish? (pp. 3, 10);  
D. S. Shetter, Rainbows (pages 6, 7, 11);  
R. W. Eschmeyer, Trout angling hold its own (page 8);  
A. S. Hazzard, Female builds the nest and male does the courting (page 9);  
R. W. Eschmeyer, Lakes are restored by poisoning old fish, stocking with new (page 9);  
**J. W. Leonard**, How Michigan handles the beaver/trout problem (page 11).
- 48 Michigan Conservation, June 1938, Vol. 7, No. 10 contains the following articles:  
**J. W. Leonard**, When a fish and a burr collide (page 3);  
H. van der Schalie, Hitch-hiking mussels and pearl buttons (pages 4, 5, 11);  
W. F. Carbine, Tricks to know about the lowly fish-worm (pages 6, 10);  
C. J. D. Brown, The Montana grayling in Michigan (pages 7, 9);  
A. S. Hazzard, R. W. Eschmeyer, How really expert is an expert fisherman? (page 8);  
D. S. Shetter, Fish inventory means counting job (pages 8, 10);  
R. W. Eschmeyer, Two x two doesn't always equal four (page 10);  
J. T. Wilkinson, Hunt ways to reduce trout food costs (page 11).

- 50      **Leonard, J. W.** 1938. Feeding habits of brook trout fry in natural waters. Papers of the Michigan Academy of Science, Arts, and Letters 23:645-646.
- 55      **Leonard, J. W.** 1938. Feeding habits of trout in waters carrying a heavy population of naturally hatched fry. Copeia 1938(3):144.
- 63      **Leonard, J. W.** 1939. Mortality of aquatic Diptera due to freezing. Entomological News 1939:107-108.
- 65      **Leonard, J. W.** 1939. The Montana grayling in Michigan. Michigan Conservation 8(9):8.
- 71      **Leonard, J. W.** 1939. Notes on the use of Derris as a fish poison. Transactions of the American Fisheries Society 68:269-280.
- 72      **Leonard, J. W.** 1939. Feeding habits of the Montana grayling (*Thymallus montanus* Milner) in Ford Lake, Michigan. Transactions of the American Fisheries Society 68:188-195.
- 76      **Leonard, J. W.** 1939. Comments on the adequacy of accepted stream bottom sampling technique. Transactions of the Fourth North American Wildlife Conference 1939:288-295.
- 84      **Leonard, J. W.** 1940. Further observations on the feeding habits of the Montana grayling (*Thymallus montanus*) and the bluegill (*Lepomis macrochirus*) in Ford Lake, Michigan. Transactions of the American Fisheries Society 69:244-256.
- 90      **Leonard, J. W.** 1940. Some comments on stream improvement in Michigan. Michigan Conservation 10(2):6,7,10.
- 107     **Leonard, J. W.** 1942. Some observations on the winter feeding habits of brook trout fingerlings in relation to natural food organisms present. Transactions of the American Fisheries Society 71:219-227.
- 133     Shetter, D. S., **J. W. Leonard**. 1943. A population study of a limited area in a Michigan trout stream, September, 1940. Transactions of the American Fisheries Society 72:35-51.
- 157     **Leonard, J. W.** 1948. Importance of fish food insects in trout management (pages 8, 9). Michigan Conservation 17(1).
- 157a    Michigan Conservation, 1949, Vol. 18, No. 2 contains the following articles:  
L. N Allison, L. N. Trout get sick, too (pages 10-12);  
A. K. Adams, Beaver vs. trout (pages 15-20);  
**J. W. Leonard**, The Michigan grayling (pages 24-25);  
A. S. Hazzard, Trout fisheries in New Zealand (pages 32-34).
- 158     **Leonard, J. W.** 1947. Differences in the occurrence of nymphs of two species of burrowing mayflies in fish stomachs. Annals of the Entomological Society of America 40(4):688-691.
- 161     **Leonard, J. W.** 1948. An early-season mayfly. Michigan Conservation 17(4):3, 12.
- 170     **Leonard, J. W.** 1948. Mayflies in August. Michigan Conservation 17(8):3.

- 189    **Leonard, J. W.**, F. A. Leonard. 1949. An analysis of the feeding habits of rainbow trout and lake trout in Birch Lake, Cass County, Michigan. Transactions of the American Fisheries Society 76:301-314.
- 196    **Leonard, J. W.**. 1949. Research man vs. administrator--the research man's viewpoint. The Journal of Wildlife Management 13(3):237-244.
- 198    **Leonard, J. W.**, F. A. Leonard. 1949. An annotated list of Michigan Trichoptera. Occasional Papers of the Museum of Zoology, University of Michigan, Ann Arbor, Michigan, No. 522.
- 199    **Leonard, J. W.**. 1949. The nymph of *Ephemerella excrucians* Walsh. the Canadian Entomologist 81(6).
- 205    **Leonard, J. W.**. 1950. A new *Baetis* from Michigan (Ephemeroptera). Annals of the Entomological Society of America 43(1):155-159.
- 211    **Leonard, J. W.**. 1950. Seasonal occurrence of mayflies in a Michigan stream. Michigan Conservation 19(5):18-20.
- 240    **Leonard, J. W.**. 1952. Looking ahead in conservation. Michigan Conservation 21(5):3-5.
- 253    **Leonard, J. W.**. 1953. Book review of: Huet, M. Traite de pisciculture. The Journal of Wildlife Management 17(3).

**LESAGE, C. M.**

- 572    **LeSage, C. M.**, R. W. Merritt, and M. S. Wipfli. 2005. Headwater riparian invertebrate communities associated with red alder and conifer wood and leaf litter in Southeastern Alaska. Northwest Science 79(4):218–232.

**LESHKEVICH, G. A.**

- 569    Plattner, S., D. M. Mason, **G. A. Leshkevich**, D. J. Schwab, and E. S. Rutherford. 2006. Classifying and forecasting coastal upwellings in Lake Michigan using satellite derived temperature images and buoy data. Journal of Great Lakes Research 32:63–76.

**LEVARDSEN, N. O.**

- 218    Michigan Conservation, 1951, Vol. 20, No. 3 contains the following articles:  
E. L. Cooper, Pigeon River trout studies (pages 3-6);  
**N. O. Levardsen**, Weed control in Michigan lakes (pages 11-14);  
G. P. Cooper, K. E. Christensen, Testing new fishing regulations (pages 15-20).

**LIEVENSE, S. J.**

- 234    Michigan Conservation, 1952, Vol. 21, No. 3 contains the following articles:  
G. P. Cooper, Water weeds (pages 5-8);  
**S. J. Lievense**, A fisherman's challenge (pages 9 and 10);  
C. M. Taube, Riverine lakes (pages 18-20).
- 265    **Lievense, S. J.** 1954. Spawning of American smelt, *Osmerus mordax*, in Crystal Lake, Benzie County, Michigan. Copeia 1954(3):232-233. the Michigan Conservation 21(3).

**LINTON, B. C.**

- 660    **Linton, B. C.**, M. J. Hansen, S. T. Schram, and S. P. Sitar. 2007. Dynamics of a recovering lake trout population in eastern Wisconsin waters of Lake Superior, 1980-2001. North American Journal of Fisheries Management 27:940–954.
- 746    **Linton, B. C.**, and J. R. Bence. 2011. Catch-at-age assessment in the face of time-varying selectivity. ICES Journal of Marine Science 68(3):611-625.

**LOCKWOOD, R. N.**

- 472    Seelbach, P. W., **R. N. Lockwood**, G. R. Alexander. 1985. A modified inclined-screen trap for catching salmonid smolts in large rivers. North American Journal of Fisheries Management 5:494-498.
- 501    Fabrizio, M. C., J. R. Ryckman, **R. N. Lockwood**. Evaluation of sampling methodologies of the Lake Michigan creek survey. 1991. American Fisheries Society Symposium 12:162-176.
- 516    **Lockwood, R. N.** 1997. Evaluation of catch rate estimators from Michigan access point angler surveys. North American Journal of Fisheries Management 17:611-620.
- 530    **Lockwood, R.N.**, Peck, J.W., Oelfke, Jack. 2001. Survey of angling in Lake Superior waters at Isle Royale National Park, 1998. North American Journal of Fisheries Management 21: 471-481
- 534    Schneider, J.C., **Lockwood, R.N.** 2002. Use of walleye stocking, antimycin treatments, and catch-and-release angling regulations to increase growth and length of stunted bluegill populations in Michigan lakes. North American Journal of Fisheries Management 22: 1041-1052.
- 544    Hayes, D., E. Baker, R. Bednarz, D. Borgeson, Jr., J. Braunscheidel, J. Breck, M. Bremigan, A. Harrington, R. Hay, **R. Lockwood**, A. Nuhfer, J. Schneider, P. Seelbach, J. Waybrant, T. Zorn. 2003. Developing a standardized sampling program: the Michigan experience. Fisheries 28(7):18-25.
- 567    **Lockwood, R. N.**, and G. P. Rakoczy. 2005. Comparison of interval and aerial count methods estimating fisher boating effort. North American Journal of Fisheries Management 25:1331–1340.

**LOEB, H. A.**

- 195    Michigan Conservation, 1949, Vol. 18, No. 4 contains the following articles:  
    **H. A. Loeb**, A study of Houghton Lake fishing (pages 7-9);  
    V. C. Applegate, The sea lamprey in Michigan (pages 13-15);  
    F. G. Fanselow, Public fishing sites (pages 26-29).

**LOFTUS, A. J.**

- 491    **Loftus, A. J.**, W. W. Taylor, M. Keller. 1988. An evaluation of lake trout (*Salvelinus namaycush*) hooking mortality in the upper Great Lakes. Canadian Journal of Fisheries and Aquatic Sciences 45:1473-1479.

**LOHMAN, K.**

- 575 Wang, L., B. W. Weigel, P. Kanehl, and **K. Lohman**. 2006. Influence of riffle and snag habitat specific sampling on stream macroinvertebrate assemblage measures in bioassessment. *Environmental Monitoring and Assessment* 119:245–273.

**LUPI, F.**

- 574 Kotchen, M., J., M. R. Moore, **F. Lupi**, and E. S. Rutherford. 2006. Environmental constraints on hydropower: an ex post benefit-cost analysis of dam relicensing in Michigan. *Land Economics* 82(3):384–403.
- 615 Stewart, T. J., J. R. Bence, R. A. Bergstedt, M. P. Ebener, **F. Lupi**, and M. A. Rutter. 2003. Recommendations for assessing sea lamprey damages: toward optimizing the control program in the Great Lakes. *Journal of Great Lakes Research* 29 (Supplement 1):783–793.
- 693 Bruggeman, D. J., M. L. Jones, K. T. Scribner, and **F. Lupi**. 2009. Relating tradable credits for biodiversity to sustainability criteria in a dynamic landscape. *Landscape Ecology* 24:775-790.
- 793 Melstrom, R. T., and **F. Lupi**. 2013. Valuing recreational fishing in the Great Lakes. *North American Journal of Fisheries Management* 33(6):1184-1193.
- 813 Melstrom, R. T., **F. Lupi**, P. C. Esselman, and R. J. Stevenson. 2014. Valuing recreational fishing quality at rivers and streams. *Water Resources Research* 51:140-150.
- 826 Esselman, P. C., R. J. Stevenson, **F. Lupi**, C. M. Riseng, and M. J. Wiley. 2015. Landscape prediction and mapping of game fish biomass, and ecosystem service of Michigan rivers. *North American Journal of Fisheries Management* 35(2):302-320.
- 889 Knoche, S., and **F. Lupi**. 2016. Demand for fishery regulations: Effects of angler heterogeneity and catch improvements on preferences for gear and harvest restrictions. *Fisheries Research* 181:163-171.

**LYCHWICK, T. J.**

- 497 Great Lakes Fishery Commission 1991 Special Publication 91-1 contains the following:  
Schneider, J. C., **T. J. Lychwick**, E. J. Trimberger, J. H. Peterson, R. O'Neal, P. J. Schneeberger. Walleye rehabilitation in Lake Michigan, 1969-1989. Pages 23-61 in Status of walleye in the Great Lakes: case studies prepared for the 1989 workshop.  
Mrozinski, L. E., J. C. Schneider, R. C. Haas, R. E. Shepherd. Rehabilitation of walleye in Saginaw Bay, Lake Huron. Pages 63-84 in Status of walleye in the Great Lakes: case studies prepared for the 1989 workshop.
- 669 Clapp, D. F., P. J. Schneeberger, R. P. O'Neal, **T. J. Lychwick**, B. Belonger, and S. M. Shroyer. 2005. Inshore fish community. Pages 49-58 in M. E. Holey and T. N. Trudeau, editors. The state of Lake Michigan in 2000. Great Lakes Fishery Commission, Special Publication 05-01, Ann Arbor, Michigan.

**LYONS, J.**

- 555 Wang, L., **J. Lyons**, P. Rasmussen, P. Seelbach, T. Simon, M. Wiley, P. Kanehl, E. Baker, S. Niemela, and P. M. Stewart. 2003. Watershed, reach, and riparian influences on stream fish assemblages in the Northern Lakes and Forest Ecoregion, U.S.A. Canadian Journal of Fisheries and Aquatic Science 60:491–505.
- 580 Wang, L., P. W. Seelbach, and **J. Lyons**. 2006. Effects of levels of human disturbance on the influence of catchment, riparian, and reach-scale factors on fish assemblages. American Fisheries Society Symposium 48:199–219.
- 584 Weigel, B. M., **J. Lyons**, P. W. Rasmussen, and L. Wang. 2006. Relative influence of environmental variables at multiple spatial scales on fishes in Wisconsin's warmwater nonwadeable rivers. American Fisheries Society Symposium 48:493–511.
- 596 Wang, L., **J. Lyons**, and P. Kanehl. 2006. Habitat and fish responses to multiple agricultural best management practices in a warm water stream. Journal of the American Water Resources Association 42:1047–1062.
- 606 Wang, L., **J. Lyons**, and P. Kanehl. 2002. Effects of watershed best management practices on habitat and fish in Wisconsin streams. Journal of the American Water Resources Association 38:663–680.
- 618 Wang, L., and **J. Lyons**. 2003. Fish and benthic macroinvertebrate assemblages as indicators of stream degradation in urbanizing watersheds. Pages 227–249 in T. P. Simon, editor. Biological response signatures: indicator patterns using aquatic communities.
- 619 Wang, L., **J. Lyons**, and P. Kanehl. 2003. Impacts of urban land cover on trout streams in Wisconsin and Minnesota. Transactions of the American Fisheries Society 132:825–839.
- 643 Wang, L., **J. Lyons**, P. Kanehl, and R. Gatti. 1997. Influences of watershed land use on habitat quality and biotic integrity in Wisconsin streams. Fisheries 22:6–12.
- 655 Brenden, T. O., L. Wang, R. D. Clark, Jr., P. W. Seelbach, and **J. Lyons**. 2007. Comparison between model-predicted and field-measured stream habitat features for evaluating fish assemblage-habitat relationships. Transactions of the American Fisheries Society 136:580–592.
- 704 **Lyons, J.**, T. Zorn, J. Stewart, P. Seelbach, K. Wehrly, and L. Wang. 2009. Defining and characterizing coolwater streams and their fish assemblages in Michigan and Wisconsin, USA. North American Journal of Fisheries Management 29:1130–1151.
- 754 Wang, L., D. Infante, **J. Lyons**, J. Stewart, and A. Cooper. 2011. Effects of dams in river networks on fish assemblages in non-impoundment sections of rivers in Michigan and Wisconsin, USA. River Research and Applications 27(4):473–487.

**MACCALLUM, W. R.**

- 522 Peck, J. W., T. S. Jones, **W. R. MacCallum**, S. T Schram. 1999. Contribution of hatchery-reared fish to chinook salmon populations and sport fisheries in Lake Superior. North American Journal of Fisheries Management 19:155–164.

**MADENJIAN, C. P.**

- 537 **Madenjian, C. P.**, G. E. Noguchi, R. C. Haas, K. S. Schrouder. 1998 Sexual difference in polychlorinated byphenyl accumulation rates of walleye (*Stizostedion vitreum*). the Canadian Journal of Fisheries and Aquatic Science 55: 1085-1092.
- 563 **Madenjian, C. P.**, T. O. Höök, E. S. Rutherford, D. M. Mason, T. E. Croley II, E. B. Szalai, and J. R. Bence. 2005. Recruitment variability of alewives in Lake Michigan. Transactions of the American Fisheries Society 134:218–230.
- 602 **Madenjian, C. P.**, G. L. Fahnenstiel, T. H. Johengen, T. F. Nalepa, H. A. Vanderploeg, G. W. Fleischer, P. J. Schneeberger, D. M. Benjamin, E. B. Smith, J. R. Bence, E. S. Rutherford, D. S. Lavis, D. M. Robertson, D. J. Jude, and M. P. Ebener. 2002. Dynamics of the Lake Michigan food web, 1970–2000. Canadian Journal of Fisheries and Aquatic Sciences 59:736–753.
- 607 Krause, A. E., D. B. Hayes, J. R. Bence, **C. P. Madenjian**, and R. M. Stedman. 2002. Measurement error associated with surveys of fish abundance in Lake Michigan. Journal of Great Lakes Research 28:44–51.
- 647 Bunnell, D. B., **C. P. Madenjian**, and R. M. Claramunt. 2006. Long-term changes of the Lake Michigan fish community following the reduction of exotic alewife (*Alosa pseudoharengus*). Canadian Journal of Fisheries and Aquatic Sciences 63:2434–2446.
- 672 Bronte, C. R., M. E. Holey, **C. P. Madenjian**, J. L. Jonas, R. M. Claramunt, P. C. McKee, M. L. Toneys, M. P. Ebener, B. Breidert, G. W. Fleischer, R. Hess, A. W. Martell, Jr., and E. J. Olsen. 2007. Relative abundance, site fidelity, and survival of adult lake trout in Lake Michigan from 1999 to 2001: implications for future restoration strategies. North American Journal of Fisheries Management 27(1):137-155.
- 705 **Madenjian, C. P.**, P. A. Hanchin, S. M. Chernyak, and L. J. Begnoche. 2009. Sexual difference in PCB concentrations of walleyes (*Sander vitreus*) from a pristine lake. Science of the Total Environment 407(15):4526-4532.
- 725 **Madenjian, C. P.**, S. A. Pothoven, P. J. Schneeberger, M. P. Ebener, L. C. Mohr, T. F. Nalepa, and J. R. Bence. 2010. Dreissenid mussels are not a “dead end” in Great Lakes food webs. Journal of Great Lakes Research 36:73-77.
- 782 Claramunt, R. M., D. M. Warner, **C. P. Madenjian**, T. J. Treska, and D. Hanson. 2013. Offshore salmonine food web. Pages 13-23 in The state of Lake Michigan in 2011. D. B. Bunnell, editor. Great Lakes Fishery Commission, Special Publication 12-01.
- 790 Jacobs, G. R., **C. P. Madenjian**, D. B. Bunnell, D. M. Warner, and R. M. Claramunt. 2013. Chinook salmon foraging patterns in a changing Lake Michigan. Transactions of the American Fisheries Society 142(2):362-372.
- 828 He, J. X., J. R. Bence, **C. P. Madenjian**, S. A. Pothoven, N. E. Dobiesz, D. G. Fielder, J. E. Johnson, M. P. Ebener, R. A. Cottrill, L. C. Mohr, and S. R. Koproski. 2015. Coupling age-structured stock assessment and fish bioenergetics models: a system of time-varying models for quantifying piscivory patterns during the rapid trophic shift in the main basin of Lake Huron. Canadian Journal of Fisheries and Aquatic Sciences 72:7-23.

- 832 **Madenjian, C. P.**, D. B. Bunnell, D. M. Warner, S. A. Pothoven, G. L. Fahnenstiel, T. F. Nalepa, H. A. Vanderploeg, I. Tsehay, R. M. Claramunt, and R. D. Clark, Jr. 2015. Changes in the Lake Michigan food web following dreissenid mussel invasions: A synthesis. *Journal of Great Lakes Research* 41(Supplement 3):217-231.
- 836 Peat, T. B., T. A. Hayden, L. F. G., Gutowsky, C. S. Vandergoot, D. G. Fielder, **C. P. Madenjian**, K. J. Murchie, J. M. Dettmers, C. C. Krueger, and S. J. Cooke. 2015. Seasonal thermal ecology of adult walleye (*Sander vitreus*) in Lake Huron and Lake Erie. *Journal of Thermal Biology* 53:98-106.
- 845 Bence, J. R., **C. P Madenjian**, J. X. He, D. G. Fielder, S. A. Pothoven, N. E. Dobiesz, J. E. Johnson, M. P. Ebener, R. A. Cottrill, L. C. Mohr, and S. R. Koproski. 2016. Reply to comments by Riley and Dunlop on He et al. (2015). *Canadian Journal of Fisheries and Aquatic Sciences* 73(5):865-868.
- 862 Pothoven, S. A., T. F. Nalepa, **C. P. Madenjian**, R. R. Rediske, P. J. Schneeberger, and J. X. He. 2006. Energy density of lake whitefish *Coregonus clupeaformis* in Lakes Huron and Michigan. *Environmental Biology of Fish* 76:151-158.
- 868 **Madenjian C. P.**, E. S. Rutherford, C. A. Stow, E. F. Roseman, and J. X. He. 2013. Trophic shift, not collapse. *Environmental Science & Technology* 47(21):11915-11916.
- 869 Bunnell, D. B., R. P. Barbiero, S. A. Ludsin, **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. Tsehay, M. G. Walsh, D. M. Warner, and B. C. Weidel. 2014. Changing ecosystem dynamics in the Laurentian Great Lakes: bottom-up and top-down regulation. *BioScience* 64(1):26-39.

**MADISON, G.**

- 600 Clapp, D. F., P. J. Schneeberger, D. J. Jude, G. Madison, and C. Pistis. 2001. Monitoring round goby (*Neogobius melanostomus*) population expansion in eastern and northern Lake Michigan. *Journal of Great Lakes Research* 27:335–341.

**MANION, P. J.**

- 400 **Manion, P. J.**, T. M. Stauffer. 1970. Metamorphosis of the landlocked sea lamprey, *Petromyzon marinus*. *Journal of the Fisheries Research Board of Canada* 27(10):1735-1746

**MAROD, S. M.**

- 538 Hayes, D. B., W. W. Taylor, M. T. Drake, **S. M. Marod**, G. E. Whelan. 1998. The value of headwaters to brook trout (*Salvelinus fontinalis*) in the Ford River, Michigan, USA. Headwaters: Water Resources and Soil Conservation. Proceedings of Headwater '98, the Fourth International Conference on Headwater Control. Chapter 16, pp. 175-185.

**MARSDEN, J. E.**

- 566 Claramunt, R. M., J. L. Jonas, J. D. Fitzsimons, and **J. E. Marsden**. 2005. Influences of spawning habitat characteristics and interstitial predators on lake trout egg deposition and mortality. *Transactions of the American Fisheries Society* 134:1048–1057.

- 587 Claramunt, R. M., J. L. Jonas, J. D. Fitzsimons, and **J. E. Marsden**. 2005. Influences of spawning habitat characteristics and interstitial predators on lake trout egg deposition and mortality. *Transactions of the American Fisheries Society* 134:1048–1057.
- 588 Jonas, J. L., R. M. Claramunt, J. D. Fitzsimons, and **J. E. Marsden**. 2005. Estimates of egg deposition and effects of lake trout (*Salvelinus namaycush*) egg predators in three regions of the Great Lakes. *Canadian Journal of Fisheries and Aquatic Science* 62:2254–2264.
- 590 **Marsden, J. E.**, B. J. Ellrott, R. M. Claramunt, J. L. Jonas, and J. D. Fitzsimons. 2005. A comparison of lake trout spawning, fry emergence, and habitat use in lakes Michigan, Huron, and Champlain. *Journal of Great Lakes Research* 31:492–508.
- 591 Fitzsimons, J. D., B. Williston, G. Williston, G. Bravener, J. L. Jonas, R. M. Claramunt, **J. E. Marsden**, and B. J. Ellrott. 2006. Laboratory estimates of salmonine egg predation by round gobies (*Neogobius melanostomus*), sculpins (*Cottus cognatus* and *C. bairdi*), and crayfish (*Orconectes propinquus*). *Journal of Great Lakes Research* 32:227–241.
- 594 Diana, C. M., J. L. Jonas, R. M. Claramunt, J. D. Fitzsimons, and **J. E. Marsden**. 2006. A comparison of methods for sampling round goby in rocky littoral areas. *North American Journal of Fisheries Management* 26:514–522.
- 661 Janssen, J., **J. E. Marsden**, C. R. Bronte, D. J. Jude, S. P. Sitar, and F. W. Goetz. 2007. Challenges to deep-water reproduction by lake trout: pertinence to restoration in Lake Michigan. *Journal of Great Lakes Research* 33 (Supplement 1):59–74.
- 673 Ellrott, B. J., **J. E. Marsden**, J. D. Fitzsimons, J. L. Jonas, and R. M. Claramunt. 2007. Effects of temperature and density on consumption of trout eggs by *Orconectes propinquus* and *O. rusticus*. *Journal of Great Lakes Research* 33(1):7-14.
- 674 Fitzsimons, J. D., J. L. Jonas, R. M. Claramunt, B. Williston, G. Williston, **J. E. Marsden**, B. J. Ellrott, and D. C. Honeyfield. 2007. Influence of egg predation and physical disturbance on lake trout *Salvelinus namaycush* egg mortality and implications for life-history theory. *Journal of Fish Biology* 71(1):1-16.
- 872 Riley, S. C., T. R. Binder, N. J. Watrus, M. D. Faust, J. Janssen, J. Menzies, **J. E. Marsden**, M. P. Ebener, C. R. Bronte, J. X. He, T. R. Tucker, M. J. Hansen, H. T. Thompson, A. M. Muir, and C. C. Krueger. 2014. Lake trout in northern Lake Huron spawn on submerged drumlins. *Journal of Great Lakes Research* 40:415-420.
- 890 **Marsden, J. E.**, T. R. Binder, J. Johnson, J. He, N. Dingledine, J. Adams, N. S. Johnson, T. J. Buchinger, and C. C. Krueger. 2016. Five-year evaluation of habitat remediation in Thunder Bay, Lake Huron: comparison of constructed reef characteristics that attract spawning Lake Trout. *Fisheries Research* 183:275-286.
- 901 Herbst, S. J., **J. E. Marsden**, and S. J. Smith. 2011. Lake Whitefish in Lake Champlain after commercial fishery closure and ecosystem changes. *North American Journal of Fisheries Management* 31:1106-1115.
- 902 Herbst, S. J., and **J. E. Marsden**. 2011. Comparison of precision and bias of scale, fin ray, and otolith age estimates for Lake Whitefish (*Coregonus clupeaformis*) in Lake Champlain. *Journal of Great Lakes Research* 37: 386-389.

- 905 Herbst, S. J., **J. E. Marsden**, and B. F. Lantry. 2013. Lake Whitefish diet, condition, and energy density in Lake Champlain and the lower four Great Lakes following dreissenid invasions. *Transactions of the American Fisheries Society* 142:388–398.

**MARTIN, J. S.**

- 545 Wiley, M. J., P. W. Seelbach, K. Wehrly, **J. S. Martin**. 2002. Regional ecological normalization using linear models: a meta-method for scaling stream assessment indicators. Pages 201-223 in T. P. Simon, editor. *Biological response signatures: indicator patterns using aquatic communities*. CRC press, Boca Raton, Florida.

**MARTIN, R. A.**

- 489 Clark, R. D., Jr., **R. A. Martin**. 1988. Computerized system for managing hatchery fish transportation in Michigan. *the North American Journal of Fisheries Management* 8:102–111.

**MASON, D. M.**

- 536 Höök, T., E. Rutherford, S. Brines, **D. M. Mason**, D. J. Schwab, M. J. McCormick, G. W. Fleischer, T. J. DeSorcie. 2003. Spatially explicit measures of production of young alewives in Lake Michigan: Linkage between essential fish habitat and recruitment. *Estuaries* 26(1):21–29.
- 557 Beletsky, D., D. Schwab, **D. M. Mason**, E. Rutherford, M. McCormick, H. Vanderploeg, and J. Janssen. 2003. Modeling the transport of larval yellow perch in Lake Michigan. *ASCE Conf. Proc.* 145, 28.
- 557 Beletsky, D., D. Schwab, **D. M. Mason**, E. Rutherford, M. McCormick, H. Vanderploeg, and J. Janssen. 2003. Modeling the transport of larval yellow perch in Lake Michigan. *ASCE Conf. Proc.* 145, 28.
- 562 Höök, T. O., E. S. Rutherford, S. J. Brines, C. A. Geddes, **D. M. Mason**, D. J. Schwab, and G. W. Fleischer. 2004. Landscape scale measures of steelhead (*Oncorhynchus mykiss*) bioenergetic growth rate potential in Lake Michigan and comparison with angler catch rates. *Journal of Great Lakes Research* 30(4):545–556.
- 563 Madenjian, C. P., T. O. Höök, E. S. Rutherford, **D. M. Mason**, T. E. Croley II, E. B. Szalai, and J. R. Bence. 2005. Recruitment variability of alewives in Lake Michigan. *Transactions of the American Fisheries Society* 134:218–230.
- 569 Plattner, S., **D. M. Mason**, G. A. Leshkevich, D. J. Schwab, and E. S. Rutherford. 2006. Classifying and forecasting coastal upwellings in Lake Michigan using satellite derived temperature images and buoy data. *Journal of Great Lakes Research* 32:63–76.
- 631 Höök, T. O., M. J. McCormick, E. S. Rutherford, **D. M. Mason**, and G. S. Carter. 2006. Short-term water mass movements in Lake Michigan: implications for larval fish transport. *Journal of Great Lakes Research* 32:728–737.
- 637 Godby, N. A., Jr., E. S. Rutherford, and **D. M. Mason**. 2007. Diet, feeding rate, growth, mortality, and production of juvenile steelhead in a Lake Michigan tributary. *North American Journal of Fisheries Management* 25:578–592.

- 641 Pothoven, S. A., H. A. Vanderploeg, J. F. Cavaletto, D. M. Krueger, **D. M. Mason**, and S. B. Brandt. 2007. Alewife planktivory controls the abundance of two invasive predatory cladocerans in Lake Michigan. *Freshwater Biology* 52:561–573.
- 651 Höök, T. O., E. S. Rutherford, **D. M. Mason**, and G. S. Carter. 2007. Hatch dates, growth, survival, and overwinter mortality of age-0 alewives in Lake Michigan: implications for habitat-specific recruitment success. *Transactions of the American Fisheries Society* 136:1298–1312.
- 657 Beletsky, D., **D. M. Mason**, D. J. Schwab, E. S. Rutherford, J. Janssen, D. F. Clapp, and J. M. Dettmers. 2007. Biophysical model of larval yellow perch advection and settlement in Lake Michigan. *Journal of Great Lakes Research* 33:842–866.

**MASON, L. A.**

- 840 Wang, L., C. M. Riseng, **L. A. Mason**, K. E. Wehrly, E. S. Rutherford, J. E. McKenna, Jr., C. Castiglione, L. B. Johnson, D. M. Infante, S. Sowa, M. Robertson, J. Schaeffer, M. Khoury, J. Gaiot, T. Hollenhorst, C. Brooks, and M. Coscarelli. 2015. A spatial classification and database for management, research, and policy making: the Great Lakes aquatic habitat framework. *Journal of Great Lakes Research* 41:584–596.
- 848 Goodspeed, R., C. Riseng, K. Wehrly, W. Yin, **L. Mason**, and B. Schoenfeldt. 2016. Applying design thinking methods to ecosystem management tools: creating the Great Lakes Aquatic Habitat Explorer. *Marine Policy* 69:134–145.
- 884 Forsyth, D. K., C. M. Riseng, K. E. Wehrly, **L. A. Mason**, J. Gaiot, T. Hollenhorst, C. M. Johnston, C. Wyrzkowski, G. Annis, C. Castiglione, K. Todd, M. Robertson, D. M. Infante, L. Wang, J. E. McKenna, and G. Whelan. 2016. The Great Lakes hydrography dataset: Consistent, binational watersheds for the Laurentian Great Lakes Basin. *Journal of the American Water Resources Association* 1-21. doi: 10.1111/1752-1688.12435.
- 891 **Mason, L. A.**, C. M. Riseng, A. D. Gronewold, E. S. Rutherford, J. Wang, A. Clites, S. D. P. Smith, P. B. McIntyre. 2016. Fine-scale spatial variation in ice cover and surface temperature trends across the surface of the Laurentian Great Lakes. *Climatic Change* 137:1-2. doi: 10.1007/s10584-016-1721-2.

**MCCORMICK, M. J.**

- 536 Höök, T., E. Rutherford, S. Brines, D. M. Mason, D. J. Schwab, **M. J. McCormick**, G. W. Fleischer, T. J. DeSorcie. 2003. Spatially explicit measures of production of young alewives in Lake Michigan: Linkage between essential fish habitat and recruitment. *Estuaries* 26(1):21–29.
- 557 Beletsky, D., D. Schwab, D. Mason, E. Rutherford, **M. McCormick**, H. Vanderploeg, and J. Janssen. 2003. Modeling the transport of larval yellow perch in Lake Michigan. *ASCE Conf. Proc.* 145, 28.
- 561 Höök, T. O., E. S. Rutherford, S. J. Brines, D. J. Schwab, and **M. J. McCormick**. 2004. Relationship between surface water temperature and steelhead distributions in Lake Michigan. *North American Journal of Fisheries Management* 24:211–221.

- 631 Höök, T. O., **M. J. McCormick**, E. S. Rutherford, D. M. Mason, and G. S. Carter. 2006. Short-term water mass movements in Lake Michigan: implications for larval fish transport. *Journal of Great Lakes Research* 32:728–737.

**MCFADDEN, J. T.**

- 341 **McFadden, J. T.** 1963. An example of inaccuracies inherent in interpretation of ecological field data. *Transactions of the American Naturalist* 97(893):99-116.
- 348 **McFadden, J. T.**, J. R. Ryckman, G. P. Cooper. 1964. A survey of some opinions of Michigan sport fishermen. *Transactions of the American Fisheries Society* 93(2):183-193.
- 352 **McFadden, J. T.**, E. L. Cooper. 1964. Population dynamics of brown trout in different environments. *Physiological Zoology* 37(4):355-363.
- 375 **McFadden, J. T.**, G. R. Alexander, D. S. Shetter. 1967. Numerical changes and population regulation in brook trout *Salvelinus fontinalis*. *Journal of the Fisheries Research Board of Canada* 24(7):1425-1459.

**MCMURRY, K. C.**

- 7 **McMurry, K. C.**, R. W. Eschmeyer, C. M. Davis. 1933. Objectives and methods in the lake inventory in Michigan. *Papers of the Michigan Academy of Science, Arts, and Letters* 18:259-276.

**MEEHEAN, O. L.**

- 180 Dobie, J. R., **O. L. Meehean**, G. N. Washburn. 1948. Propagation of minnows and other bait species. the U. S. Department of the Interior, Fish and Wildlife Service, Circular 12.

**MERNA, J. W.**

- 355 **Merna, J. W.** 1964. The effect of raising the water level on the productivity of a marl lake. *Papers of the Michigan Academy of Science, Arts, and Letters* 49:217-227.
- 362 **Merna, J. W.** 1965. Aeration of winterkill lakes. *The Progressive Fish-Culturist* 27:199-202.
- 408 **Merna, J. W.**, M. E. Bender, J. R. Novy. 1972. The effects of methoxychlor on fishes. I. Acute toxicity and breakdown studies. *Transactions of the American Fisheries Society* 101(2):298-301.
- 426 Latta, W. C., **J. W. Merna**. 1977. Some factors influencing size of the year class of bluegills (*Lepomis macrochirus*) in ponds. *Michigan Academician* 9(4):483-502.
- 476 **Merna, J. W.** 1986. Contamination of stream fishes with chlorinated hydrocarbons from eggs of Great Lakes salmon. *Transactions of the American Fisheries Society* 115:69-74.
- 500 **Merna, J. W.**, P. J. Eisele, 1973. The effects of methoxychlor on aquatic biota. Project No. 18050-DLO, Office of Research and Monitoring, U.S. Environmental Protection Agency, Washington, D.C.

**MERRITT, R. W.**

- 572 LeSage, C. M., **R. W. Merritt**, and M. S. Wipfli. 2005. Headwater riparian invertebrate communities associated with red alder and conifer wood and leaf litter in Southeastern Alaska. *Northwest Science* 79(4):218–232.

**METZELAAR, J.**

- 2 **Metzelaar, J.** 1929. The food of the rainbow trout in Michigan. *Transactions of the American Fisheries Society* 58:178-182.
- 3 **Metzelaar, J.** 1930. The food of the trout in Michigan. *Transactions of the American Fisheries Society* 59:146-152.

**MICHIGAN DEPT. OF CONSERVATION/DEPT. OF NATURAL RESOURCES**

- 10 Institute for Fisheries Research. 1934. Lake improvement devices. Lithoprinted, with diagrams. 7 pp.
- 99 Michigan Department of Conservation. Fish Division. 1943. List of lake survey maps. 44 pp.
- 164 Michigan Department of Conservation. Fish Division. 1948. Status of sea lamprey problem. *Michigan Conservation* 17(5):12, 15.

**MILLER, D. E.**

- 36 **Miller, D. E.** 1937. Michigan lake survey--a cooperative enterprise. *Transactions of the American Fisheries Society* 66:128-130.

**MISTAK, J. L.**

- 543 **Mistak, J. L.**, D. B. Hayes, M. T. Bremigan. 2003. Food habits of coexisting salmonines above and below Stornach Dam in the Pine River, Michigan. *Environmental Biology of Fishes* 67: 179-190.
- 694 Burroughs, B. A., D. B. Hayes, K. D. Klomp, J. F. Hansen, and **J. Mistak**. 2009. Effects of Stronach Dam removal on fluvial geomorphology in the Pine River, Michigan, United States. *Geomorphology* 110:96-107.
- 713 Burroughs, B. A., D. B. Hayes, K. D. Klomp, J. F. Hansen, and **J. Mistak**. 2010. The effects of the Stronach Dam removal on fish in the Pine River, Manistee County, Michigan. *Transactions of the American Fisheries Society* 139:1595–1613.

**MOFFETT, J. W.**

- 109 Brown, C. J. D., **J. W. Moffett**. 1942. Observations on the number of eggs and feeding habits of the cisco (*Leucichthys artedi*) in Swains Lake, Jackson County, Michigan. *Copeia* 1942(3):149-152.
- 148 **Moffett, J. W.**, B. P. Hunt. 1945. Winter feeding habits of bluegills, *Lepomis macrochirus* Rafinesque, and yellow perch, *Perca flavescens* (Mitchill), in Cedar Lake, Washtenaw County, Michigan. *Transactions of the American Fisheries Society* 83:231-242.

- 210 Michigan Conservation, 1950. Vol. 19, No. 4 contains the following articles:  
K. E. Christensen, Liberalized fishing regulations (pages 8-10);  
**J. W. Moffett**, Sea lamprey control (pages 18-20).
- 281a, **Moffett, J. W.** 1956. Status of sea lamprey control. Wisconsin Conservation Bulletin 21 (4): 14-17.

**MOHR, L. C.**

- 549 Johnson, J. E., J. X. He, A. P. Woldt, M. P. Ebener, and **L. C. Mohr**. 2004. Lessons in rehabilitation stocking and management of lake trout in Lake Huron. the American Fisheries Society Symposium 44:161–175.
- 682 Fielder, D. G., A. Liskauskas, **L. C. Mohr**, and J. Boase. 2008. Nearshore fish community. Pages 47-51 in J. R. Bence and L. C. Mohr, editors. The state of Lake Huron in 2004. Great Lakes Fishery Commission Special Publication 08-01, Ann Arbor, Michigan.
- 720 Fielder, D. G., A. P. Liskauskas, D. J. A. Gonder, **L. C. Mohr**, and M. V. Thomas. 2010. Status of walleye in Lake Huron. Pages 71-90 in E. Roseman, P. Kocovsky, and C. Vandergoot, editors. Status of walleye in the Great Lakes: proceedings of the 2006 Symposium. Great Lakes Fishery Commission Technical Report 69, Ann Arbor, Michigan.
- 725 Madenjian, C. P., S. A. Pothoven, P. J. Schneeberger, M. P. Ebener, **L. C. Mohr**, T. F. Nalepa, and J. R. Bence. 2010. Dreissenid mussels are not a “dead end” in Great Lakes food webs. Journal of Great Lakes Research 36:73-77.
- 784 Fielder, D. G., A. Liskauskas, **L. Mohr**, and J. Boase. 2013. Status of nearshore fish communities. Pages 60-70 in S. Riley, editor. The State of Lake Huron in 2010. Great Lakes Fishery Commission, Special Publication 13-01, Ann Arbor, Michigan.
- 828 He, J. X., J. R. Bence, C. P. Madenjian, S. A. Pothoven, N. E. Dobiesz, D. G. Fielder, J. E. Johnson, M. P. Ebener, R. A. Cottrill, **L. C. Mohr**, and S. R. Koproski. 2015. Coupling age-structured stock assessment and fish bioenergetics models: a system of time-varying models for quantifying piscivory patterns during the rapid trophic shift in the main basin of Lake Huron. Canadian Journal of Fisheries and Aquatic Sciences 72:7-23.
- 845 Bence, J. R., C. P. Madenjian, J. X. He, D. G. Fielder, S. A. Pothoven, N. E. Dobiesz, J. E. Johnson, M. P. Ebener, R. A. Cottrill, **L. C. Mohr**, and S. R. Koproski. 2016. Reply to comments by Riley and Dunlop on He et al. (2015). Canadian Journal of Fisheries and Aquatic Sciences 73(5):865-868.
- 867 He, J. X., M. P. Ebener, S. C. Riley, A. Cottrill, A. Kowalski, S. Koproski, **L. Mohr**, and J. E. Johnson. 2012. Lake trout status in the main basin of Lake Huron, 1973-2010. North American Journal of Fisheries Management 32(2):402-412.

**MOMOT, W. T.**

- 357 **Momot, W. T.** 1965. Food habits of the brook trout in West Lost Lake. Transactions of the American Fisheries Society 94(2):188-191.
- 368 **Momot, W. T.** 1967. Effects of brook trout predation on a crayfish population. Transactions of the American Fisheries Society 96(2):202-209.

- 370    **Momot, W. T.** 1967. Population dynamics and productivity of the crayfish, *Orconectes virilis*, in a marl lake. *The American Midland Naturalist* 78(1):55-81.
- 410    **Momot, W. T.,** H. Gowing. 1972. Differential seasonal migration of the crayfish, *Orconectes virilis* (Hagen), in marl lakes. *Ecology* 53(3):479-483.
- 427    **Momot, W. T.,** H. Gowing. 1977. Response of the crayfish *Orconectes virilis* to exploitation. *Journal of the Fisheries Research Board of Canada* 34(4):1212-1219.
- 432    **Momot, W. T.,** H. Gowing. 1977. Production and population dynamics of the crayfish *Orconectes virilis* in three Michigan lakes. *Journal of the Fisheries Research Board of Canada* 34(11):2041-2055.
- 433    **Momot, W. T.,** H. Gowing. 1977. Results of an experimental fishery on the crayfish *Orconectes virilis*. *Journal of the Fisheries Research Board of Canada* 34(11):2056-2066.
- 436    **Momot, W. T.,** H. Gowing, P. D. Jones. 1978. The dynamics of crayfish and their role in ecosystems. *American Midland Naturalist* 99(1):10-35.
- 446    Gowing, H., **W. T. Momot.** 1979. Impact of brook trout (*Salvelinus fontinalis*) predation on the crayfish *Orconectes virilis* in three Michigan lakes. *Journal of the Fisheries Research Board of Canada* 36(10):1191-1196.

**MOORE, M. R.**

- 574    Kotchen, M., J., **M. R. Moore**, F. Lupi, and E. S. Rutherford. 2006. Environmental constraints on hydropower: an ex post benefit-cost analysis of dam relicensing in Michigan. *Land Economics* 82(3):384–403.

**MROZINSKI, L. E.**

- 497    Great Lakes Fishery Commission 1991 Special Publication 91-1 contains the following:  
Schneider, J. C., T. J. Lychwick, E. J. Trimberger, J. H. Peterson, R. O'Neal, P. J. Schneeberger. Walleye rehabilitation in Lake Michigan, 1969-1989. Pages 23-61 in Status of walleye in the Great Lakes: case studies prepared for the 1989 workshop.  
**Mrozinski, L. E.,** J. C. Schneider, R. C. Haas, R. E. Shepherd. Rehabilitation of walleye in Saginaw Bay, Lake Huron. Pages 63-84 in Status of walleye in the Great Lakes: case studies prepared for the 1989 workshop.

**MUZZALL, P. M.**

- 518    **Muzzall, P. M.,** C. R. Peebles, M. V. Thomas. 1995. Parasites of the round goby, *Neogobius mealaostomus*, and tubenose goby, *Proterorhinus marmoratus* (Perciformes: Gobiidae), from the Saint Clair River and Lake Saint Clair, Michigan. *Journal of the Helminthological Society of Washington* 62(2):226-228.

**MYERS, G. F.**

- 230    **Myers, G. F.** 1951. The design of an electric shocker boat. *The Progressive Fish-Culturist* 13:229-231.
- 316    Latta, W. C., **G. F. Myers.** 1961. Night use of a direct-current electric shocker to collect trout in lakes. *Transactions of the American Fisheries Society* 90(1):81-83.

**NALEPA, T. F.**

- 592 Carter, G. S., **T. F. Nalepa**, and R. R. Rediske. 2006. Status and trends of benthic populations in a coastal drowned river mouth lake of Lake Michigan. *Journal of Great Lakes Research* 32:578–595.
- 602 Madenjian, C. P., G. L. Fahnenstiel, T. H. Johengen, **T. F. Nalepa**, H. A. Vanderploeg, G. W. Fleischer, P. J. Schneeberger, D. M. Benjamin, E. B. Smith, J. R. Bence, E. S. Rutherford, D. S. Lavis, D. M. Robertson, D. J. Jude, and M. P. Ebener. 2002. Dynamics of the Lake Michigan food web, 1970–2000. *Canadian Journal of Fisheries and Aquatic Sciences* 59:736–753.
- 725 Madenjian, C. P., S. A. Pothoven, P. J. Schneeberger, M. P. Ebener, L. C. Mohr, **T. F. Nalepa**, and J. R. Bence. 2010. Dreissenid mussels are not a “dead end” in Great Lakes food webs. *Journal of Great Lakes Research* 36:73-77.
- 769 Pothoven, S. A., H. A. Vanderploeg, D. M. Warner, J. S. Schaeffer, S. A. Ludsin, R. M. Claramunt, and **T. F. Nalepa**. 2012. Influences on *Bythotrephes longimanus* life-history characteristics in the Great Lakes. *Journal of Great Lakes Research* 38(1):134-141.
- 832 Madenjian, C. P., D. B. Bunnell, D. M. Warner, S. A. Pothoven, G. L. Fahnenstiel, **T. F. Nalepa**, H. A. Vanderploeg, I. Tsehayre, R. M. Claramunt, and R. D. Clark, Jr. 2015. Changes in the Lake Michigan food web following dreissenid mussel invasions: A synthesis. *Journal of Great Lakes Research* 41(Supplement 3):217-231.
- 862 Pothoven, S. A., **T. F. Nalepa**, C. P. Madenjian, R. R. Rediske, P. J. Schneeberger, and J. X. He. 2006. Energy density of lake whitefish *Coregonus clupeaformis* in Lakes Huron and Michigan. *Environmental Biology of Fish* 76:151-158.
- 869 Bunnell, D. B., R. P. Barbiero, S. A. Ludsin, 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. Tsehayre, M. G. Walsh, D. M. Warner, and B. C. Weidel. 2014. Changing ecosystem dynamics in the Laurentian Great Lakes: bottom-up and top-down regulation. *BioScience* 64(1):26-39.

**NATE, N. A.**

- 517 Beard, Jr., T. D., M. T. Drake, J. E. Breck, **N. A. Nate**. 1997. Effects of simulated angling regulations on stunting in bluegill populations. *North American Journal of Fisheries Management* 17:525-532.

**NICHOLS, S. J.**

- 542 **Nichols, S.J.**, G. Kennedy, E. Crawforth, J. Allen, J. French III, G. Black, M. Blouin, J. Hickey, S. Chernyak, R. Haas, M. Thomas. 2003. Assessment of lake sturgeon (*Acipenser fulvescens*) spawning efforts in the lower St. Clair River, Michigan. *Journal of Great Lakes Research*, 29(3):383-391.

**NICOLETTE, J. P.**

- 480 Bagdovitz, M. S., W. W. Taylor, W. C. Wagner, **J. P. Nicolette**, G. R. Spangler. 1986. Pink salmon populations in the U. S. waters of Lake Superior, 1981-1984. *Journal of Great Lakes Research* 12(1):72-81.

**NIEMELA, S.**

- 555 Wang, L., J. Lyons, P. Rasmussen, P. Seelbach, T. Simon, M. Wiley, P. Kanehl, E. Baker, **S. Niemela**, and P. M. Stewart. 2003. Watershed, reach, and riparian influences on stream fish assemblages in the Northern Lakes and Forest Ecoregion, U.S.A. Canadian Journal of Fisheries and Aquatic Science 60:491–505.

**NOGUCHI, G. E.**

- 537 Madenjian, C. P., **G. E. Noguchi**, R. C. Haas, K. S. Schrouder. 1998 Sexual difference in polychlorinated byphenyl accumulation rates of walleye (*Stizostedion vitreum*). the Canadian Journal of Fisheries and Aquatic Science 55: 1085-1092.

**NOVY, J. R.**

- 408 Merna, J. W., M. E. Bender, **J. R. Novy**. 1972. The effects of methoxychlor on fishes. I. Acute toxicity and breakdown studies. Transactions of the American Fisheries Society 101(2):298-301.

**NUHFER, A. J.**

- 504 Alexander, G. R., H. Gowing, **A. J. Nuhfer**. 1991. Population characteristics of Assinica and Temiscamie strains of brook trout in two Michigan lakes. Michigan Academician XXIII, 173-190.

- 544 Hayes, D., E. Baker, R. Bednarz, D. Borgeson, Jr., J. Braunscheidel, J. Breck, M. Bremigan, A. Harrington, R. Hay, R. Lockwood, **A. Nuhfer**, J. Schneider, P. Seelbach, J. Waybrant, T. Zorn. 2003. Developing a standardized sampling program: the Michigan experience. Fisheries 28(7):18-25.

- 595 Wills, T. C., E. A. Baker, **A. J. Nuhfer**, and T. G. Zorn. 2006. Response of the benthic macroinvertebrate community in a northern Michigan stream to reduced summer streamflows. River Research and Applications 22:819–836.

- 638 Zorn, T. G., and **A. J. Nuhfer**. 2007. Influences on brown trout and brook trout population dynamics in a Michigan river. Transactions of the American Fisheries Society 136:691–705.

- 639 Zorn, T. G., and **A. J. Nuhfer**. 2007. Regional synchrony of brown trout and brook trout population dynamics among Michigan rivers. Transactions of the American Fisheries Society 136:706–717.

- 762 Grossman, G. D., **A. Nuhfer**, T. Zorn, G. Sundin, and G. Alexander. 2012. Population regulation of brook trout (*Salvelinus fontinalis*) in Hunt Creek Michigan: a 50-year study. Freshwater Biology 57:1434-48.

- 814 **Nuhfer, A. J.**, T. C. Wills, and T. G. Zorn. 2014. Changes to a Brown Trout population after introducing steelhead in a Michigan stream. North American Journal of Fisheries Management 34(2):411-423.

- 831 **Nuhfer, A. J.**, T.G. Zorn, and T. C. Wills. 2015. Effects of reduced summer flows on the brook trout population and temperatures of a groundwater-influenced stream. Ecology of Freshwater Fish.

**OELFKE, J.**

- 530 Lockwood, R.N., Peck, J.W., **Oelfke, Jack**. 2001. Survey of angling in Lake Superior waters at Isle Royale National Park, 1998. North American Journal of Fisheries Management 21: 471-481

**OLSON, J. R.**

- 423 Laarman, P. W., W. A. Willford, **J. R. Olson**. 1976. Retention of mercury in the muscle of yellow perch (*Perca flavescens*) and rock bass (*Ambloplites rupestris*). Transactions of the American Fisheries Society 105(2):296-300.

**O'NEAL, R.**

- 497 Great Lakes Fishery Commission 1991 Special Publication 91-1 contains the following:  
Schneider, J. C., T. J. Lychwick, E. J. Trimberger, J. H. Peterson, **R. O'Neal**, P. J. Schneeberger. Walleye rehabilitation in Lake Michigan, 1969-1989. Pages 23-61 in Status of walleye in the Great Lakes: case studies prepared for the 1989 workshop.  
Mrozinski, L. E., J. C. Schneider, R. C. Haas, R. E. Shepherd. Rehabilitation of walleye in Saginaw Bay, Lake Huron. Pages 63-84 in Status of walleye in the Great Lakes: case studies prepared for the 1989 workshop.
- 669 Clapp, D. F., P. J. Schneeberger, **R. P. O'Neal**, T. J. Lychwick, B. Belonger, and S. M. Shroyer. 2005. Inshore fish community. Pages 49-58 in M. E. Holey and T. N. Trudeau, editors. The state of Lake Michigan in 2000. Great Lakes Fishery Commission, Special Publication 05-01, Ann Arbor, Michigan.
- 724 Kapuscinski, K. L., T. G. Zorn, P. J. Schneeberger, **R. P. O'Neal**, and B. T. Eggold. 2010. The status of Lake Michigan walleye stocks. Pages 15-70 in Status of walleye in the Great Lakes: proceedings of the 2006 Symposium. Great Lakes Fishery Commission Technical Report 69.

**OSTENSON, B. T.**

- 104 Lagler, K. F., **B. T. Ostenson**. 1942. Early spring food of the otter in Michigan. The Journal of Wildlife Management 6:244-254.

**PATRIARCHE, M. H.**

- 201 **Patriarche, M. H.**, R. C. Ball. 1949. An analysis of the bottom fauna production in fertilized and unfertilized ponds and its utilization by young-of-the-year fish. Michigan State College, Agricultural Experiment Station, Section of Zoology, Bulletin 207.
- 324 **Patriarche, M. H.** 1961. Air induced winter circulation of two shallow Michigan lakes. The Journal of Wildlife Management 25(3):282-289.
- 382 **Patriarche, M. H.** 1968. Rate of escape of fish from trap nets. Transactions of the American Fisheries Society 97(1):59-61.
- 385 **Patriarche, M. H.** 1968. Production and theoretical equilibrium yields for the bluegill (*Lepomis macrochirus*) in two Michigan lakes. Transactions of the American Fisheries Society 97(3):242-251.

- 428     **Patriarche, M. H.** 1977. Biological basis for management of lake whitefish in the Michigan waters of northern Lake Michigan. *Transactions of the American Fisheries Society* 106(4):295-308.

**PATTERSON, W. P.**

- 571     Dufour, E., **W. P. Patterson**, T. O. Höök, and E. S. Rutherford. 2005. Early life history of Lake Michigan alewives (*Alosa pseudoharengus*) inferred from intra-otolith stable isotope ratios. *Canadian Journal of Fisheries and Aquatic Science* 62:2362–2370.

**PAYNE, N. R.**

- 514     Eshenroder, R. L., **N. R. Payne**, J. E. Johnson, C. Bowen II, M. P. Ebener. 1995. Lake trout rehabilitation in Lake Huron. *Journal of Great Lakes Research* 21 (Supplement 1):108-127.

**PECK, J. W.**

- 398     **Peck, J. W.** 1970. Straying and reproduction of coho salmon, *Oncorhynchus kisutch*, planted in a Lake Superior tributary. *Transactions of the American Fisheries Society* 99(3):591-595.

- 414     **Peck, J. W.** 1974. Migration, food habits, and predation on yearling coho salmon in a Lake Michigan tributary and bay. *Transactions of the American Fisheries Society* 103(1):10-14.

- 462     **Peck, J. W.** 1982. Extended residence of young-of-the-year lake trout in shallow water. *Transactions of the American Fisheries Society* 111:775-778.

- 470     Swedberg, D. V., **J. W. Peck**. 1984. Food of young-of-the-year lake trout (*Salvelinus namaycush*) in Presque Isle Harbor, Lake Superior. *Journal of Great Lakes Research* 10(3):280-285.

- 479     **Peck, J. W.** 1986. Dynamics of reproduction by hatchery lake trout on a man-made spawning reef. *Journal of Great Lakes Research* 12(4):293-303.

- 488     **Peck, J. W.** 1988. Fecundity of hatchery and wild lake trout in Lake Superior. *Journal of the Great Lakes Research* 14:9-13.

- 513     Eshenroder, R. L., C. R. Bronte, **J. W. Peck**. 1995. Comparison of lake trout-egg survival at inshore and offshore and shallow-water and deepwater sites in Lake Superior. *Journal of Great Lakes Research* 21 (Supplement 1):313-322.

- 522     **Peck, J. W.**, T. S. Jones, W. R. MacCallum, S. T Schram. 1999. Contribution of hatchery-reared fish to chinook salmon populations and sport fisheries in Lake Superior. *North American Journal of Fisheries Management* 19:155-164.

- 530     Lockwood, R.N., **Peck, J.W.**, Oelfke, Jack. 2001. Survey of angling in Lake Superior waters at Isle Royale National Park, 1998. *North American Journal of Fisheries Management* 21: 471-481

**PECOR, C. H.**

- 442    **Pecor, C. H.** 1978. Intensive culture of tiger muskellunge in Michigan during 1976 and 1977. American Fisheries Society Special Publication 11:202-209.

**PEEBLES, C. R.**

- 518    Muzzall, P. M., **C. R. Peebles**, M. V. Thomas. 1995. Parasites of the round goby, *Neogobius mealaostomus*, and tubenose goby, *Proterorhinus marmoratus* (Perciformes: Gobiidae), from the Saint Clair River and Lake Saint Clair, Michigan. Journal of the Helminthological Society of Washington 62(2):226-228.

**PETERMAN, R. M.**

- 547    Su, Z., **R. M. Peterman**, and S. L. Haeseker. 2004. Spatial hierarchical Bayesian models for stock-recruitment analysis of pink salmon (*Oncorhynchus gorbuscha*). the Canadian Journal of Fisheries and Aquatic Science 61:2471–2486.

**PETERSON, D. R.**

- 469    Alexander, G. R., **D. R. Peterson**. 1983. Trout of Newton Creek, Clare County, Michigan: A transitional zone trout stream. Michigan Academician 16(1):43-61.

**PETERSON, J. W.**

- 497    Great Lakes Fishery Commission 1991 Special Publication 91-1 contains the following:  
Schneider, J. C., T. J. Lychwick, E. J. Trimberger, **J. H. Peterson**, R. O'Neal, P. J. Schneeberger. Walleye rehabilitation in Lake Michigan, 1969-1989. Pages 23-61 *in* Status of walleye in the Great Lakes: case studies prepared for the 1989 workshop.  
Mrozinski, L. E., J. C. Schneider, R. C. Haas, R. E. Shepherd. Rehabilitation of walleye in Saginaw Bay, Lake Huron. Pages 63-84 *in* Status of walleye in the Great Lakes: case studies prepared for the 1989 workshop.

**PLATTNER, S.**

- 569    **Plattner, S.**, D. M. Mason, G. A. Leshkevich, D. J. Schwab, and E. S. Rutherford. 2006. Classifying and forecasting coastal upwellings in Lake Michigan using satellite derived temperature images and buoy data. Journal of Great Lakes Research 32:63–76.

**PODOLIAK, H. A.**

- 317    **Hooper, F. F.**, H. A. Podoliak, S. F. Snieszko. 1961. Use of radioisotopes in hydrobiology and fish culture. Transactions of the American Fisheries Society 90(1):49-57.

**POPE, T. E. B.**

- 40    Hubbs, C. L., **T. E. B. Pope**. 1937. The spread of the sea lamprey through the Great Lakes. Transactions of the American Fisheries Society 66:172-176.
- 52    Hubbs, C. L., **T. E. B. Pope**. 1937. The spread of the sea lamprey through the Great Lakes. Michigan Conservation 6(12):5,6,9.

**POPOFF, N.**

- 825 Diana, J. S., P. Hanchin, and **N. Popoff**. 2015. Movement patterns and spawning sites of muskellunge *Esox masquinongy* in the Antrim chain of lakes, Michigan. *Environmental Biology of Fishes* 98(3):833-844.

**POTTER, K. W.**

- 565 Gaffield, S. J., **K. W. Potter**, and L. Wang. 2005. Predicting the summer temperature of small streams in southwestern Wisconsin. *Journal of the American Water Resources Association*, Paper No. 02127:25–36.

**PRATT, V. S.**

- 209 Michigan Conservation, 1950. Vol. 19, No. 3 contains the following articles:  
D. S. Shetter, Rifle River fishing (pages 3-6);  
**V. S. Pratt**, Southern Michigan trout streams (pages 10-12);  
E. L. Cooper, What happens to trout? (pages 24-27).
- 245 **Pratt, V. S.** 1952. A measure of the efficiency of alternating and direct current fish shockers. *Transactions of the American Fisheries Society* 81:63-68.
- 281 **Pratt, V. S.** 1955. Fish mortality caused by electrical shockers. *Transactions of the American Fisheries Society* 84:93-96.

**PREDMORE, H. E., JR.**

- 157b Michigan Conservation, 1948. Vol. 18, No. 3 contains the following articles:  
E. L. Cooper, E. L. Brook trout fishing (pages 23-24);  
**H. E. Predmore, Jr.**, 1,000 years of fishing (pages 31-33);  
K. G. Fukano, General creel census (page 34).
- 165 **Predmore, H. E., Jr.** 1948. Two years of fishing in lakes with liberalized regulations. *Michigan Conservation* 17(6):3, 12.

**PROSHEK, K. E.**

- 280 Whalls, M. J., **K. E. Proshek**, D. S. Shetter. 1955. A new two-way fish trap for streams. *The Progressive Fish-Culturist* 17(3):103-109.

**QUINN, T. J., II**

- 541 Su, Zhenming, **Quinn, T. J., II**. 2003. Estimator bias and efficiency for adaptive cluster sampling with order statistics and a stopping rule. *Environmental and Ecological Statistics*, 10: 17-41.
- 627 Radomski, P., J. R. Bence, and **T. J. Quinn II**. 2005. Comparison of virtual population analysis and statistical kill-at-age analysis for a recreational, kill-dominated fishery. *Canadian Journal of Fisheries and Aquatic Sciences* 62:436–452.

**RAKOCZY, G. P.**

- 567 Lockwood, R. N., and **G. P. Rakoczy**. 2005. Comparison of interval and aerial count methods estimating fisher boating effort. North American Journal of Fisheries Management 25:1331–1340.

**RAND, P. S.**

- 508 **Rand, P. S.**, D. J. Stewart, P. W. Seelbach, M. L. Jones, L. R. Wedge. 1993. Modeling steelhead population energetics in Lakes Michigan and Ontario. Transactions of the American Fisheries Society 122:977-1001.

**RASMUSSEN, P. W.**

- 555 Wang, L., J. Lyons, **P. W. Rasmussen**, P. Seelbach, T. Simon, M. Wiley, P. Kanehl, E. Baker, S. Niemela, and P. M. Stewart. 2003. Watershed, reach, and riparian influences on stream fish assemblages in the Northern Lakes and Forest Ecoregion, U.S.A. Canadian Journal of Fisheries and Aquatic Science 60:491–505.
- 584 Weigel, B. M., J. Lyons, **P. W. Rasmussen**, and L. Wang. 2006. Relative influence of environmental variables at multiple spatial scales on fishes in Wisconsin's warmwater nonwadeable rivers. American Fisheries Society Symposium 48:493–511.

**RATHBUN, K. D.**

- 667 Sitar, S. P., H. M. Morales, M. T. Mata, B. B. Bastar, D. M. Dupras, G. D. Kleaver, and **K. D. Rathbun**. 2008. Survey of Siscowet Lake Trout at their Maximum Depth in Lake Superior. Journal of Great Lakes Research 34(2):276–286.

**REDISKE, R. R.**

- 592 Carter, G. S., T. F. Nalepa, and **R. R. Rediske**. 2006. Status and trends of benthic populations in a coastal drowned river mouth lake of Lake Michigan. Journal of Great Lakes Research 32:578–595.
- 862 Pothoven, S. A., T. F. Nalepa, C. P. Madenjian, **R. R. Rediske**, P. J. Schneeberger, and J. X. He. 2006. Energy density of lake whitefish *Coregonus clupeaformis* in Lakes Huron and Michigan. Environmental Biology of Fish 76:151–158.

**RICHARDS, J. S.**

- 422 **Richards, J. S.** 1976. Changes in fish species composition in the Au Sable River, Michigan from 1920's to 1972. Transactions of the American Fisheries Society 105(1):32-40.

**RISENG, C. M.**

- 585 **Riseng, C. M.**, M. J. Wiley, R. J. Stevenson, T. G. Zorn, and P. W. Seelbach. 2006. Comparison of coarse versus fine scale sampling on statistical modeling of landscape effects and assessment of fish assemblages of the Muskegon River, Michigan. American Fisheries Society Symposium 48:555–575.

- 826 Esselman, P. C., R. J. Stevenson, F. Lupi, **C. M. Riseng**, and M. J. Wiley. 2015. Landscape prediction and mapping of game fish biomass, and ecosystem service of Michigan rivers. *North American Journal of Fisheries Management* 35(2):302-320.
- 840 Wang, L., **C. M. Riseng**, L. A. Mason, K. E. Wehrly, E. S. Rutherford, J. E. McKenna, Jr., C. Castiglione, L. B. Johnson, D. M. Infante, S. Sowa, M. Robertson, J. Schaeffer, M. Khoury, J. Gaiot, T. Hollenhorst, C. Brooks, and M. Coscarelli. 2015. A spatial classification and database for management, research, and policy making: the Great Lakes aquatic habitat framework. *Journal of Great Lakes Research* 41:584-596.
- 848 Goodspeed, R., **C. Riseng**, K. Wehrly, W. Yin, L. Mason, and B. Schoenfeldt. 2016. Applying design thinking methods to ecosystem management tools: creating the Great Lakes Aquatic Habitat Explorer. *Marine Policy* 69:134-145.
- 869 Bunnell, D. B., R. P. Barbiero, S. A. Ludsin, 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. Tsehay, M. G. Walsh, D. M. Warner, and B. C. Weidel. 2014. Changing ecosystem dynamics in the Laurentian Great Lakes: bottom-up and top-down regulation. *BioScience* 64(1):26-39.
- 884 Forsyth, D. K., **C. M. Riseng**, K. E. Wehrly, L. A. Mason, J. Gaiot, T. Hollenhorst, C. M. Johnston, C. Wyrzkowski, G. Annis, C. Castiglione, K. Todd, M. Robertson, D. M. Infante, L. Wang, J. E. McKenna, and G. Whelan. 2016. The Great Lakes hydrography dataset: Consistent, binational watersheds for the Laurentian Great Lakes Basin. *Journal of the American Water Resources Association* 1-21. doi: 10.1111/1752-1688.12435.
- 891 Mason, L. A., **C. M. Riseng**, A. D. Gronewold, E. S. Rutherford, J. Wang, A. Clites, S. D. P. Smith, P. B. McIntyre. 2016. Fine-scale spatial variation in ice cover and surface temperature trends across the surface of the Laurentian Great Lakes. *Climatic Change* 137:1-2. doi: 10.1007/s10584-016-1721-2.

**ROBERTSON, D. M.**

- 597 Wang, L., **D. M. Robertson**, and P. J. Garrison. 2007. Linkages between nutrients and assemblages of macroinvertebrates and fish in wadeable streams: Implication to nutrient criteria development. *Environmental Management* 39:194–212.
- 602 Madenjian, C. P., G. L. Fahnenstiel, T. H. Johengen, T. F. Nalepa, H. A. Vanderploeg, G. W. Fleischer, P. J. Schneeberger, D. M. Benjamin, E. B. Smith, J. R. Bence, E. S. Rutherford, D. S. Lavis, **D. M. Robertson**, D. J. Jude, and M. P. Ebener. 2002. Dynamics of the Lake Michigan food web, 1970–2000. *Canadian Journal of Fisheries and Aquatic Sciences* 59:736–753.
- 656 Wang, L., **D. M. Robertson**, and P. J. Garrison. 2007. Linkages between nutrients and assemblages of macroinvertebrates and fish in wadeable streams: implication to nutrient criteria development. *Environmental Management* 39:194–212.

**RODEHEFFER, I. A.**

- 66 **Rodeheffer, I. A.** 1939. Experiments in the use of brush shelters by fish in Michigan lakes. *Papers of the Michigan Academy of Science, Arts, and Letters* 24 (Part II):183-193.

- 82      **Rodeheffer, I. A.** 1940. The use of brush shelters by fish in Douglas Lake, Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 25:357-366.
- 91      **Rodeheffer, I. A.** 1940. The movements of marked fish in Douglas Lake, Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 26:265-280.
- 140     **Rodeheffer, I. A.** 1945. Fish populations in and around brush shelters of different sizes placed at varying depths and distances apart in Douglas Lake, Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 30:321-345.

**ROELOFS, E. W.**

- 86      **Roelofs, E. W.** 1940. Available plant nutrients in lake soils. Michigan Agricultural Experiment Station Quarterly Bulletin 22(4):247-254.
- 125     **Roelofs, E. W.** 1944. Water soils in relation to lake productivity. Michigan State College Agricultural Experiment Station Technical Bulletin 190.

**ROSE, K. A.**

- 556     Rutherford, E. S., **K. A. Rose**, and J. H. Cowan, Jr. 2003. Evaluation of the Sheperd and Cushing (1980) model of density-dependent survival: a case study using striped bass (*Morone saxatilis*) larvae in the Potomac River, Maryland, USA. ICES Journal of Marine Science 60:1275–1287.

**RUTHERFORD, E. S.**

- 536     Höök, T., **E. Rutherford**, S. Brines, D. M. Mason, D. J. Schwab, M. J. McCormick, G. W. Fleischer, T. J. DeSorcie. 2003. Spatially explicit measures of production of young alewives in Lake Michigan: Linkage between essential fish habitat and recruitment. Estuaries 26(1):21-29.
- 556     **Rutherford, E. S.**, K. A. Rose, and J. H. Cowan, Jr. 2003. Evaluation of the Sheperd and Cushing (1980) model of density-dependent survival: a case study using striped bass (*Morone saxatilis*) larvae in the Potomac River, Maryland, USA. ICES Journal of Marine Science 60:1275–1287.
- 557     Beletsky, D., D. Schwab, D. Mason, **E. Rutherford**, M. McCormick, H. Vanderploeg, and J. Janssen. 2003. Modeling the transport of larval yellow perch in Lake Michigan. ASCE Conf. Proc. 145, 28.
- 558     Bartron, M. L., D. R. Swank, **E. S. Rutherford**, and K. T. Scribner. 2004. Methodological bias in estimates of strain composition and straying of hatchery-produced steelhead in Lake Michigan tributaries. North American Journal of Fisheries Management 24:1288–1299.
- 560     Horne, B. D., **E. S. Rutherford**, and K. E. Wehrly. 2004. Simulating effects of hydro-dam alteration on thermal regime and wild steelhead recruitment in a stable-flow Lake Michigan tributary. River Research and Applications 20:185–203.
- 561     Höök, T. O., **E. S. Rutherford**, S. J. Brines, D. J. Schwab, and M. J. McCormick. 2004. Relationship between surface water temperature and steelhead distributions in Lake Michigan. North American Journal of Fisheries Management 24:211–221.

- 562 Höök, T. O., **E. S. Rutherford**, S. J. Brines, C. A. Geddes, D. M. Mason, D. J. Schwab, and G. W. Fleischer. 2004. Landscape scale measures of steelhead (*Oncorhynchus mykiss*) bioenergetic growth rate potential in Lake Michigan and comparison with angler catch rates. *Journal of Great Lakes Research* 30(4):545–556.
- 563 Madenjian, C. P., T. O. Höök, **E. S. Rutherford**, D. M. Mason, T. E. Croley II, E. B. Szalai, and J. R. Bence. 2005. Recruitment variability of alewives in Lake Michigan. *Transactions of the American Fisheries Society* 134:218–230.
- 568 Creque, S. M., **E. S. Rutherford**, and T. G. Zorn. 2005. Use of GIS-derived landscape-scale habitat features to explain spatial patterns of fish density in Michigan rivers. *North American Journal of Fisheries Management* 25:1411–1425.
- 569 Plattner, S., D. M. Mason, G. A. Leshkevich, D. J. Schwab, and **E. S. Rutherford**. 2006. Classifying and forecasting coastal upwellings in Lake Michigan using satellite derived temperature images and buoy data. *Journal of Great Lakes Research* 32:63–76.
- 571 Dufour, E., W. P. Patterson, T. O. Höök, and **E. S. Rutherford**. 2005. Early life history of Lake Michigan alewives (*Alosa pseudoharengus*) inferred from intra-otolith stable isotope ratios. *Canadian Journal of Fisheries and Aquatic Science* 62:2362–2370.
- 574 Kotchen, M., J., M. R. Moore, F. Lupi, and **E. S. Rutherford**. 2006. Environmental constraints on hydropower: an ex post benefit-cost analysis of dam relicensing in Michigan. *Land Economics* 82(3):384–403.
- 602 Madenjian, C. P., G. L. Fahnenstiel, T. H. Johengen, T. F. Nalepa, H. A. Vanderploeg, G. W. Fleischer, P. J. Schneeberger, D. M. Benjamin, E. B. Smith, J. R. Bence, **E. S. Rutherford**, D. S. Lavis, D. M. Robertson, D. J. Jude, and M. P. Ebener. 2002. Dynamics of the Lake Michigan food web, 1970–2000. *Canadian Journal of Fisheries and Aquatic Sciences* 59:736–753.
- 631 Höök, T. O., M. J. McCormick, **E. S. Rutherford**, D. M. Mason, and G. S. Carter. 2006. Short-term water mass movements in Lake Michigan: implications for larval fish transport. *Journal of Great Lakes Research* 32:728–737.
- 636 Wang, H., **E. S. Rutherford**, H. A. Cook, D. W. Einhouse, R. C. Haas, T. B. Johnson, R. Kenyon, B. Locke, and M. W. Turner. 2007. Movement of walleyes in lakes Erie and St. Clair inferred from tag return and fisheries data. *Transactions of the American Fisheries Society* 136:539–551.
- 637 Godby, N. A., Jr., **E. S. Rutherford**, and D. M. Mason. 2007. Diet, feeding rate, growth, mortality, and production of juvenile steelhead in a Lake Michigan tributary. *North American Journal of Fisheries Management* 25:578–592.
- 642 Adlerstein, S. A., **E. S. Rutherford**, J. A. Clevenger, J. E. Johnson, D. F. Clapp, and A. P. Woldt. 2007. Lake trout movements in U.S. waters of Lake Huron interpreted from coded wire tag recoveries in recreational fisheries. *Journal of Great Lakes Research* 33:186–201.
- 651 Höök, T. O., **E. S. Rutherford**, D. M. Mason, and G. S. Carter. 2007. Hatch dates, growth, survival, and overwinter mortality of age-0 alewives in Lake Michigan: implications for habitat-specific recruitment success. *Transactions of the American Fisheries Society* 136:1298–1312.

- 653 Ruetz, C. R., III, D. G. Uzarski, D. M. Krueger, and **E. S. Rutherford**. 2007. Sampling a littoral fish assemblage: comparison of small-mesh fyke netting and boat electrofishing. *North American Journal of Fisheries Management* 27:825–831.
- 657 Beletsky, D., D. M. Mason, D. J. Schwab, **E. S. Rutherford**, J. Janssen, D. F. Clapp, and J. M. Dettmers. 2007. Biophysical model of larval yellow perch advection and settlement in Lake Michigan. *Journal of Great Lakes Research* 33:842–866.
- 675 Adlerstein, S. A., **E. S. Rutherford**, R. M. Claramunt, D. F. Clapp, and J. A. Clevenger. 2008. Seasonal movements of Chinook salmon in Lake Michigan based on tag recoveries from recreational fisheries and catch rates in gill-net assessments. *Transactions of the American Fisheries Society* 137:736-750.
- 686 Jonas, J., R. M. Claramunt, and **E. Rutherford**. 2008. Salmonine reproduction and recruitment. Pages 65-70 in D. F. Clapp and W. Horns, editors. *The state of Lake Michigan in 2005*. Great Lakes Fishery Commission Special Publication 08-02, Ann Arbor, Michigan.
- 776 Zorn, T. G., P. W. Seelbach, and **E. S. Rutherford**. 2012. A regional-scale habitat suitability model to assess the effects of flow reduction on fish assemblages in Michigan streams. *Journal of the American Water Resources Association* 48:871-895.
- 840 Wang, L., C. M. Riseng, L. A. Mason, K. E. Wehrly, **E. S. Rutherford**, J. E. McKenna, Jr., C. Castiglione, L. B. Johnson, D. M. Infante, S. Sowa, M. Robertson, J. Schaeffer, M. Khouri, J. Gaiot, T. Hollenhorst, C. Brooks, and M. Coscarelli. 2015. A spatial classification and database for management, research, and policy making: the Great Lakes aquatic habitat framework. *Journal of Great Lakes Research* 41:584-596.
- 868 Madenjian C. P., **E. S. Rutherford**, C. A. Stow, E. F. Roseman, and J. X. He. 2013. Trophic shift, not collapse. *Environmental Science & Technology* 47(21):11915-11916.
- 881 Feiner, Z. S., H.-Y. Wang, D. W. Einhouse, J. R. Jackson, **E. S. Rutherford**, C. Schelb, C. S. Vandergoot, T. G. Zorn, and T. O. Höök. 2016. Thermal environment and maternal effects shape egg size in a freshwater fish. *Ecosphere* 7(5):e01304. doi: 10.1002/ecs2.1304.
- 891 Mason, L. A., C. M. Riseng, A. D. Gronewold, **E. S. Rutherford**, J. Wang, A. Clites, S. D. P. Smith, P. B. McIntyre. 2016. Fine-scale spatial variation in ice cover and surface temperature trends across the surface of the Laurentian Great Lakes. *Climatic Change* 137:1-2. doi: 10.1007/s10584-016-1721-2.

**RYCKMAN, J. R.**

- 348 McFadden, J. T., **J. R. Ryckman**, and G. P. Cooper. 1964. A survey of some opinions of Michigan sport fishermen. *Transactions of the American Fisheries Society* 93(2):183-193.
- 431 Carl, L. M., **J. R. Ryckman**, and W. C. Latta. 1977. Management of seasonal stream trout fishing in a metropolitan area. *Michigan Academician* 10(1):47-56.
- 456 Laarman, P. W., **J. R. Ryckman**. 1982. Relative size selectivity of trap nets for eight species of fish. *North American Journal of Fisheries Management* 2:33-37.

- 473 Kruger, K. M., W. W. Taylor, **J. R. Ryckman**. 1985. Angler use and harvest in the Pere Marquette River near Baldwin, Michigan. Michigan Academician 17(3).
- 501 Fabrizio, M. C., **J. R. Ryckman**, R. N. Lockwood. Evaluation of sampling methodologies of the Lake Michigan creek survey. 1991. American Fisheries Society Symposium 12:162-176.

**SALE, P. F.**

- 539 Fitzgerald, D. G., A. R. Dale, M. V. Thomas, **P. F. Sale**. 2001. Application of otolith analyses to investigate broad size distributions of young yellow perch in temperate lakes. Journal of Fish Biology 58: 248-263.

**SALYER, J. C., II**

- 20 **Salyer, J. C., II**. 1935. Preliminary report on the beaver-trout investigation. Printed in Northern Sportsman 5(8)9, 15-17, and in American Game, Jan-Feb 1935:613-615 (Mimeographed Report No. 9).
- 80 **Salyer, J. C., II**, K. F. Lagler. 1940. The food habits of the American merganser during winter in Michigan, considered in relation to fish management. The Journal of Wildlife Management 4(2):186-219.
- 140 Lagler, K. F., **J. C. Salyer, II**. 1945. Influence of availability on the feeding habits of the common garter snake. Copeia 1945(3):159-162.
- 152 Lagler, K. F., **J. C. Salyer, II**. 1947. Food and habits of the common watersnake, *Natrix s. sipedon*, in Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 31(1945):169-180.
- 192 **Salyer, J. C., II**, K. F. Lagler. 1949. The eastern belted kingfisher, *Megaceryle alcyon alcyon* (Linnaeus), in relation to fish management. Transactions of the American Fisheries Society 76:97-117.

**SCHAFFER, R. N.**

- 270 Cooper, G. P., **R. N. Schaffer**. 1954. Studies of the population of legal-size fish in Whitmore Lake, Washtenaw and Livingston counties, Michigan. Transactions of the Nineteenth North American Wildlife Conference, March 8, 9, and 10, 1954, pages 239-259.

**SCHELSKE, C. L.**

- 326 Schelske, C. L. 1962. Iron, organic matter, and other factors limiting primary productivity in a marl lake. Science 136(3510):45-46.
- 340 Schelske, C. L., F. F. Hooper, E. J. Haertl. 1963. Responses of a marl lake to chelated iron and fertilizer. Ecology 43(4):646-653.

**SCHNEEBERGER, P. J.**

- 497 Great Lakes Fishery Commission 1991 Special Publication 91-1 contains the following:  
Schneider, J. C., T. J. Lychwick, E. J. Trimberger, J. H. Peterson, R. O'Neal, **P. J. Schneeberger**. Walleye rehabilitation in Lake Michigan, 1969-1989. Pages 23-61 in Status of walleye in the Great Lakes: case studies prepared for the 1989 workshop.  
Mrozinski, L. E., J. C. Schneider, R. C. Haas, R. E. Shepherd. Rehabilitation of walleye in Saginaw Bay, Lake Huron. Pages 63-84 in Status of walleye in the Great Lakes: case studies prepared for the 1989 workshop.
- 499 **Schneeberger, P. J.** 1991. Seasonal incidence of *Bythotrephes cederstroimi* in the diet of yellow perch (ages 0-4) in Little Bay de Noc, Lake Michigan, 1988. Journal of Great Lakes Research 17(2):281-285.
- 600 Clapp, D. F., **P. J. Schneeberger**, D. J. Jude, G. Madison, and C. Pistis. 2001. Monitoring round goby (*Neogobius melansostomus*) population expansion in eastern and northern Lake Michigan. Journal of Great Lakes Research 27:335-341.
- 602 Madenjian, C. P., G. L. Fahnenstiel, T. H. Johengen, T. F. Nalepa, H. A. Vanderploeg, G. W. Fleischer, **P. J. Schneeberger**, D. M. Benjamin, E. B. Smith, J. R. Bence, E. S. Rutherford, D. S. Lavis, D. M. Robertson, D. J. Jude, and M. P. Ebener. 2002. Dynamics of the Lake Michigan food web, 1970–2000. Canadian Journal of Fisheries and Aquatic Sciences 59:736–753.
- 609 Jonas, J. L., **P. J. Schneeberger**, D. F. Clapp, M. Wolgamood, G. Wright, and B. Lasee. 2002. Presence of the BKD-causing bacterium *Renibacterium salmoninarum* in lake whitefish and bloaters in the Laurentian Great Lakes. Archiv. fur Hydrobiologie 57:447–452.
- 669 Clapp, D. F., **P. J. Schneeberger**, R. P. O'Neal, T. J. Lychwick, B. Belonger, and S. M. Shroyer. 2005. Inshore fish community. Pages 49-58 in M. E. Holey and T. N. Trudeau, editors. The state of Lake Michigan in 2000. Great Lakes Fishery Commission, Special Publication 05-01, Ann Arbor, Michigan.
- 671 **Schneeberger, P. J.**, R. F. Elliott, J. L. Jonas, and S. Hart. 2005. Benthivores. Pages 59-73 in M. E. Holey and T. N. Trudeau, editors. The state of Lake Michigan in 2000. Great Lakes Fishery Commission, Special Publication 05-01, Ann Arbor, Michigan.
- 724 Kapuscinski, K. L., T. G. Zorn, **P. J. Schneeberger**, R. P. O'Neal, and B. T. Eggold. 2010. The status of Lake Michigan walleye stocks. Pages 15-70 in Status of walleye in the Great Lakes: proceedings of the 2006 Symposium. Great Lakes Fishery Commission Technical Report 69.
- 725 Madenjian, C. P., S. A. Pothoven, **P. J. Schneeberger**, M. P. Ebener, L. C. Mohr, T. F. Nalepa, and J. R. Bence. 2010. Dreissenid mussels are not a “dead end” in Great Lakes food webs. Journal of Great Lakes Research 36:73-77.
- 862 Pothoven, S. A., T. F. Nalepa, C. P. Madenjian, R. R. Rediske, **P. J. Schneeberger**, and J. X. He. 2006. Energy density of lake whitefish *Coregonus clupeaformis* in Lakes Huron and Michigan. Environmental Biology of Fish 76:151-158.

**SCHNEIDER, J. C.**

- 360    **Schneider, J. C.** 1965. Further studies on the benthic ecology of Sugarloaf Lake, Washtenaw County, Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 50 (1964 meeting).
- 396    **Schneider, J. C.**, F. F. Hooper, A. M. Beeton. 1969. The distribution and abundance of benthic fauna in Saginaw Bay, Lake Huron. Proceedings of the 12th Conference on Great Lakes Research 1969:80-90.
- 412    **Schneider, J. C.** 1973. Angling on Mill Lake, Michigan, after a five-year closed season. Michigan Academician 5(3):349-355.
- 417    **Schneider, J. C.** 1975. Typology and fisheries potential of Michigan lakes. Michigan Academician 8(1):59-84.
- 430    **Schneider, J. C.**, J. H. Leach. 1977. Walleye (*Stizostedion vitreum vitreum*) fluctuations in the Great Lakes and possible causes, 1800-1975. Journal of the Fisheries Research Board of Canada 34(10):1878-1889.
- 435    **Schneider, J. C.**, P. H. Eschmeyer, W. R. Crowe. 1977. Longevity, survival, and harvest of tagged walleyes in Lake Gogebic, Michigan. Transactions of the American Fisheries Society 106(6):566-568.
- 440    **Schneider, J. C.** 1978. Selection of minimum size limits for walleye fishing in Michigan. American Fisheries Society Special Publication 11:398-407.
- 443    **Schneider, J. C.**, J. H. Leach. 1979. Walleye stocks in the Great Lakes, 1800-1975: fluctuations and possible causes. Great Lakes Fishery Commission Technical Report 31.
- 474    **Schneider, J. C.** 1986. "Acid rain": significance to Michigan lakes and their fisheries. Michigan Academician 18:7-15.
- 497    Great Lakes Fishery Commission 1991 Special Publication 91-1 contains the following:  
      **Schneider, J. C.**, T. J. Lychwick, E. J. Trimberger, J. H. Peterson, R. O'Neal, P. J. Schneeberger. Walleye rehabilitation in Lake Michigan, 1969-1989. Pages 23-61 in Status of walleye in the Great Lakes: case studies prepared for the 1989 workshop.  
      Mrozinski, L. E., J. C. Schneider, R. C. Haas, R. E. Shepherd. Rehabilitation of walleye in Saginaw Bay, Lake Huron. Pages 63-84 in Status of walleye in the Great Lakes: case studies prepared for the 1989 workshop.
- 502    Hayes, D. B., W. W. Taylor, **J. C. Schneider**. 1992. Response of yellow perch and the benthic invertebrate community to a reduction in the abundance of white suckers. Transactions of the American Fisheries Society 121:36-53.
- 503    **Schneider, J. C.** 1992. Field evaluations of 230-V AC electrofishing on mortality and growth of warmwater and coolwater fish. North American Journal of Fisheries Management 12:253-256.
- 519    **Schneider, J. C.** 1999. Fate of dead fish in a small lake. American Midland Naturalist 140:269-278.

- 523 **Schneider, J. C.** 1999. Dynamics of quality bluegill populations in two Michigan lakes with dense vegetation. North American Journal of Fisheries Management 19:97-109.
- 529 **Schneider, J.C.**, Copeland, James, Wolgamood, Martha. 2002. Tolerance of incubating walleye eggs to temperature fluctuation. North American Journal of Aquaculture 64: 75-78.
- 534 **Schneider, J.C.**, Lockwood, R.N. 2002. Use of walleye stocking, antimycin treatments, and catch-and-release angling regulations to increase growth and length of stunted bluegill populations in Michigan lakes. North American Journal of Fisheries Management 22: 1041-1052.
- 544 Hayes, D., E. Baker, R. Bednarz, D. Borgeson, Jr., J. Braunscheidel, J. Breck, M. Bremigan, A. Harrington, R. Hay, R. Lockwood, A. Nuhfer, **J. Schneider**, P. Seelbach, J. Waybrant, T. Zorn. 2003. Developing a standardized sampling program: the Michigan experience. Fisheries 28(7):18-25.

**SCHRAM, S. T.**

- 522 Peck, J. W., T. S. Jones, W. R. MacCallum, **S. T Schram**. 1999. Contribution of hatchery-reared fish to chinook salmon populations and sport fisheries in Lake Superior. North American Journal of Fisheries Management 19:155-164.
- 648 Schreiner, D. R., **S. T. Schram**, S. Sitar, and M. Petzold. 2007. Non-indigenous salmonines. Pages 77–84 in M. P. Ebener, editor. The state of Lake Superior in 2000. Great Lakes Fishery Commission Special Publication 07-02.
- 649 Sitar, S. P., C. R. Bronte, M. P. Ebener, W. P. Mattes, M. Petzold, **S. T. Schram**, and D. R. Schreiner. 2007. Lake trout. Pages 49–61 in M. P. Ebener, editor. The state of Lake Superior in 2000. Great Lakes Fishery Commission Special Publication 07-02.
- 658 Ray, B. A., T. R. Hrabik, M. P. Ebener, O. T. Gorman, D. R. Schreiner, **S. T. Schram**, S. P. Sitar, W. P. Mattes, and C. R. Bronte. 2007. Diet and prey selection by Lake Superior lake trout during spring, 1986-2001. Journal of Great Lakes Research 33:104–113.
- 660 Linton, B. C., M. J. Hansen, **S. T. Schram**, and S. P. Sitar. 2007. Dynamics of a recovering lake trout population in eastern Wisconsin waters of Lake Superior, 1980-2001. North American Journal of Fisheries Management 27:940–954.
- 707 Stockwell, J. D., M. P. Ebener, J. A. Black, O. T. Gorman, T. R. Hrabik, R. E. Kinnunen, W. P. Mattes, J. K. Oyadomari, **S. T. Schram**, D. R. Schreiner, M. J. Seider, S. P. Sitar, and D. L. Yule. 2009. A synthesis of cisco recovery in Lake Superior: implications for native fish rehabilitation in the Laurentian Great Lakes. North American Journal of Fisheries Management 29:626-652.

**SCHROUDER, K. S.**

- 537 Madenjian, C. P., G. E. Noguchi, R. C. Haas, **K. S. Schrouder**. 1998 Sexual difference in polychlorinated biphenyl accumulation rates of walleye (*Stizostedion vitreum*)<sub>1</sub>. the Canadian Journal of Fisheries and Aquatic Science 55: 1085-1092.

**SCHULTZ, E. E.**

- 315     **Schultz, E. E.** 1960. Establishment and early dispersal of a loach, *Misgurnis anguillicaudatus* (Cantor), in Michigan. Transactions of the American Fisheries Society 89(4):376-377.

**SCHWAB, D. J.**

- 536     Höök, T., E. Rutherford, S. Brines, D. M. Mason, **D. J. Schwab**, M. J. McCormick, G. W. Fleischer, T. J. DeSorcie. 2003. Spatially explicit measures of production of young alewives in Lake Michigan: Linkage between essential fish habitat and recruitment. Estuaries 26(1):21-29.
- 557     Beletsky, D., **D. Schwab**, D. Mason, E. Rutherford, M. McCormick, H. Vanderploeg, and J. Janssen. 2003. Modeling the transport of larval yellow perch in Lake Michigan. ASCE Conf. Proc. 145, 28.
- 561     Höök, T. O., E. S. Rutherford, S. J. Brines, **D. J. Schwab**, and M. J. McCormick. 2004. Relationship between surface water temperature and steelhead distributions in Lake Michigan. North American Journal of Fisheries Management 24:211–221.
- 562     Höök, T. O., E. S. Rutherford, S. J. Brines, C. A. Geddes, D. M. Mason, **D. J. Schwab**, and G. W. Fleischer. 2004. Landscape scale measures of steelhead (*Oncorhynchus mykiss*) bioenergetic growth rate potential in Lake Michigan and comparison with angler catch rates. Journal of Great Lakes Research 30(4):545–556.
- 569     Plattner, S., D. M. Mason, G. A. Leshkevich, **D. J. Schwab**, and E. S. Rutherford. 2006. Classifying and forecasting coastal upwellings in Lake Michigan using satellite derived temperature images and buoy data. Journal of Great Lakes Research 32:63–76.
- 657     Beletsky, D., D. M. Mason, **D. J. Schwab**, E. S. Rutherford, J. Janssen, D. F. Clapp, and J. M. Dettmers. 2007. Biophysical model of larval yellow perch advection and settlement in Lake Michigan. Journal of Great Lakes Research 33:842–866.

**SCRIBNER, K. T.**

- 558     Bartron, M. L., D. R. Swank, E. S. Rutherford, and **K. T. Scribner**. 2004. Methodological bias in estimates of strain composition and straying of hatchery-produced steelhead in Lake Michigan tributaries. North American Journal of Fisheries Management 24:1288–1299.
- 623     Bartron, M. L., and **K. T. Scribner**. 2004. Temporal comparisons of genetic diversity in Lake Michigan steelhead, *Oncorhynchus mykiss*, populations: effects of hatchery supplementation. Environmental Biology of Fishes 69:395–407.
- 692     Bott, K., G. W. Kornely, M. C. Donofrio, R. F. Elliott, and **K. T. Scribner**. 2009. Mixed-stock analysis of lake sturgeon in the Menominee River sport harvest and adjoining waters of Lake Michigan. North American Journal of Fisheries Management 29(6):1636–1643.
- 693     Bruggeman, D. J., M. L. Jones, **K. T. Scribner**, and F. Lupi. 2009. Relating tradable credits for biodiversity to sustainability criteria in a dynamic landscape. Landscape Ecology 24:775–790.

- 698 Crossman, J. A., P. S. Forsythe, E. A. Baker, **K. T. Scribner**. 2009. Overwinter survival of stocked age-0 lake sturgeon. *Journal of Applied Ichthyology* 25(5):516-521.
- 699 Dawson, H. A., M. L. Jones, **K. T. Scribner**, and S. A. Gilmore. 2009. An assessment of age determination methods for Great Lakes larval sea lampreys. *North American Journal of Fisheries Management* 29(4):914-927.
- 711 Anderson, C. D., B. K. Epperson, M. Fortin, R. Holderegger, P. M. A. James, M. S. Rosenberg, **K. T. Scribner**, and S. Spear. 2010. Considering spatial and temporal scale in landscape-genetic studies of gene flow. *Molecular Ecology* 19:3565-3575.
- 717 Epperson, B. K., B. H. McRae, **K. T. Scribner**, S. A. Cushman, M. S. Rosenberg, M. Fortin, P. M. A. James, M. Murphy, S. Manel, P. Legendre, and M. R. T. Dale. 2010. Utility of computer simulations in landscape genetics. *Molecular Ecology* 19:3549-3564.
- 722 Homola, J. J., **K. T. Scribner**, E. A. Baker, and N. A. Auer. 2010. Genetic assessment of straying rates of wild and hatchery reared lake sturgeon (*Acipenser fulvescens*) in Lake Superior tributaries. *Journal of Great Lakes Research* 36(4):798-802.
- 726 Manel, S., S. Joost, B. K. Epperson, R. Holderegger, A. Storfer, M. S. Rosenberg, **K. T. Scribner**, A. Bonin, and M. Fortin. 2010. Perspectives on the use of landscape genetics to detect genetic adaptive variation in the field. *Molecular Ecology* 19:3760-3772.
- 730 Spear, S. F., N. Balkenhol, M. Fortin, B. H. McRae, and **K. T. Scribner**. 2010. Use of resistance surfaces for landscape genetic studies: considerations for parameterization and analysis. *Molecular Ecology* 19:3576-3591.
- 733 Welsh, A. B., R. F. Elliott, **K. T. Scribner**, H. R. Quinlan, E. A. Baker, B. T. Eggold, J. M. Holtgren, C. C. Krueger, and B. May. 2010. Genetic guidelines for the stocking of lake sturgeon (*Acipenser fulvescens*) in the Great Lakes basin. Great Lakes Fishery Commission, Miscellaneous Publication 2010-01, Ann Arbor, Michigan.
- 739 Crossman, J. A., P. S. Forsythe, **K. T. Scribner**, and E. A. Baker. 2011. Hatchery rearing environment and age affect survival and movements of stocked juvenile lake sturgeon. *Fisheries Management and Ecology* 18:132-144.
- 740 Crossman, J. A., **K. T. Scribner**, T. Y. Duong, C. A. Davis, P. S. Forsythe, and E. A. Baker. 2011. Gamete and larval collection methods and hatchery rearing environments affect levels of genetic diversity in early life stages of lake sturgeon (*Acipenser fulvescens*). *Aquaculture* 310:312-324.
- 741 Duong, T. Y., **K. T. Scribner**, J. A. Crossman, P. S. Forsythe, and E. A. Baker. 2011. Environmental and maternal effects on embryonic and larval developmental time until dispersal of lake sturgeon (*Acipenser fulvescens*). *Canadian Journal of Fisheries and Aquatic Sciences* 68:643-654.
- 742 Duong, T. Y., **K. T. Scribner**, J. A. Crossman, P. S. Forsythe, E. A. Baker, J. Kanefsky, J. J. Homola, and C. Davis. 2011. Relative larval loss among females during dispersal of Lake Sturgeon (*Acipenser fulvescens*). *Environmental Biology of Fishes* 91:459-469.
- 748 McGuire, J. M., J. D. Congdon, **K. T. Scribner**, and J. D. Capps. 2011. Variation in female reproductive quality and reproductive success of male Midland Painted Turtles (*Chrysemys picta marginata*). *Canadian Journal of Zoology* 89(11):1136-1145.

- 760 Forsythe, P. S., J. A. Crossman, N. M. Bello, E. A. Baker, and **K. T. Scribner**. 2012. Individual-based analyses reveal high repeatability in timing and location of reproduction in lake sturgeon (*Acipenser fulvescens*). Canadian Journal of Fisheries and Aquatic Sciences 69:60-72.
- 761 Forsythe, P. S., **K. T. Scribner**, J. A. Crossman, A. Ragavendran, E. A. Baker, C. Davis, and K. K. Smith. 2012. Environmental and lunar cues are predictive of the timing of river entry and spawning-site arrival in lake sturgeon *Acipenser fulvescens*. Journal of Fish Biology 81:35-53.
- 763 Guinand, B., K. S. Page, M. K. Burnham-Curtis, and **K. T. Scribner**. 2012. Genetic signatures of historical bottlenecks in sympatric lake trout (*Salvelinus namaycush*) morphotypes in Lake Superior. Environmental Biology of Fishes 95:323-334.
- 765 Hessenauer, J. M., M. T. Bremigan, and **K. T. Scribner**. 2012. Genetic pedigree reconstruction facilitates lakewide estimates of age-0 largemouth bass dispersal. Transactions of the American Fisheries Society 141(6):1672-1681.
- 766 Homola, J. J., J. Kanefsky, **K. T. Scribner**, T. G. Kalish, and M. A. Tonello. 2012. Genetic identification of two putative world record Michigan salmonids resolves stakeholder and manager questions. Journal of Great Lakes Research 38:176-179.
- 767 Homola, J. J., **K. T. Scribner**, R. F. Elliott, M. C. Donofrio, J. Kanefsky, K. M. Smith, and J. N. McNair. 2012. Genetically derived estimates of contemporary natural straying rates and historical gene flow among Lake Michigan lake sturgeon populations. Transactions of the American Fisheries Society 141(5):1374-1388.
- 768 Loch, T. P., **K. T. Scribner**, R. Tempelman, G. Whelan, and M. Faisal. 2012. Bacterial infections of Chinook salmon, *Oncorhynchus tshawytscha* (Walbaum), returning to gamete collecting weirs in Michigan. Journal of Fish Diseases 35:39-50.
- 771 **Scribner, K.**, C. Huckins, E. Baker, and J. Kanefsky. 2012. Genetic relationships and gene flow between resident and migratory brook trout in the Salmon Trout River. Journal of Great Lakes Research 38:152-158.
- 783 Duong, T. Y., **K. T. Scribner**, P. S. Forsythe , J. A. Crossman,, and E. A. Baker. 2013. Interannual variation in effective number of breeders and estimation of effective population size in long-lived iteroparous lake sturgeon (*Acipenser fulvescens*). Molecular Ecology 22(5):1282-1294.
- 785 Forsythe, P. S., **K. T. Scribner**, J. A. Crossman , A. Ragavendran, E. A. Baker. 2013. Experimental assessment of the magnitude and sources of Lake Sturgeon egg mortality. Transactions of the American Fisheries Society 142(4):1005-1011.
- 786 Fujimoto, M., J. A. Crossman, **K. T. Scribner**, and T. L. Marsh. 2013. Microbial community assembly and succession on lake sturgeon egg surfaces as a function of simulated spawning stream flow rate. Microbial Ecology 66(3):500–511.
- 788 Hastings, R. P., J. M. Bauman, E. A. Baker, and **K. T. Scribner**. 2013. Post-hatch dispersal of lake sturgeon (*Acipenser fulvescens*, Rafinesque, 1817) yolk-sac larvae in relation to substrate in an artificial stream. Journal of Applied Ichthyology 29(6):1208-1213.

- 792 McGuire, J. M., **K. T. Scribner**, J. D. Congdon. 2013. Spatial aspects of movements, mating patterns, and nest distributions influence gene flow among population subunits of Blanding's turtles (*Emydoidea blandingii*). *Conservation Genetics* 14(5):1029-1042.
- 794 Pledger S., E. Baker, and **K. Scribner**. 2013. Breeding return times and abundance in capture—recapture models. *Biometrics* 69(4):991-1001.
- 801 Crossman, J. A., **K. T. Scribner**, C. A. Davis, P. S. Forsythe, and E. A. Baker. 2014. Survival and growth of Lake Sturgeon during early life stages as a function of rearing environment. *Transactions of the American Fisheries Society* 143(1):104-116.
- 807 Hessenauer, J. M., M. T. Bremigan, and **K. T. Scribner**. 2014. Genetic pedigree reconstruction detects bias in Largemouth Bass nest sampling procedures. *North American Journal of Fisheries Management* 34(1):175-183.
- 808 Hessenauer, J. M., M. T. Bremigan, and **K. T. Scribner**. 2014. Using the right tool for the right job should include validation when possible: response to comment. *North American Journal of Fisheries Management* 34(6):1207-1210.
- 810 Jay, K., J. A. Crossman,, and **K.T. Scribner**. 2014. Estimates of effective number of breeding adults and reproductive success for White Sturgeon. *Transactions American Fisheries Society*. 143(5):1204-1216.
- 812 McGuire, J. M., J. D. Congdon, **K. T. Scribner**, and R. D. Nagle. 2014. Female reproductive qualities affect male Painted turtle (*Chrysemys picta marginata*) reproductive success. *Behavioral Ecology and Sociobiology* 68(10):1589-1602.
- 818 Trushenski, J., L. Blankenship, J. Bowker, T. Flagg, J. Hesse, K. Leber, K. Lorenzen, D. MacKinlay, D. Maynard, C. Moffitt, V. Mudrak, **K. Scribner**, S. Stuewe, J. Sweka, G. Whelan, and C. Young-Dubovsky. 2014. AFS completes assessment, issues new guidance regarding hatchery operation and the use of hatchery-origin fish. *Fisheries* 39(11):543-547.
- 820 Wang, J., and **K. T. Scribner**. 2014. Parentage and sibship inference from markers in polyploids. *Molecular Ecology Resources* 14(3):541-553.
- 821 Bauman, J. M., E. A. Baker, T. L. Marsh, and **K. T. Scribner**. 2015. Effects of rearing density on total length and survival of lake sturgeon free-embryos. *North American Journal of Aquaculture* 77(4):444-448.
- 822 Brenden, T. O., J. R. Bence, W. Liu, I. Tsehay, and **K. T. Scribner**. 2015. Comparison of the accuracy and consistency of likelihood-based estimation routines for genetic stock identification. *Methods in Ecology and Evolution* 6(7):817-827.
- 823 Brenden, T. O., **K. T. Scribner**, J. R. Bence, I. Tsehay, J. Kanefsky, C. S. Vandergoot, and D. G. Fielder. 2015. Contributions of Lake Erie and Lake St. Clair Walleye populations to the Saginaw Bay, Lake Huron, recreational fishery: evidence from genetic stock identification. *North American Journal of Fisheries Management* 35(3):567-577.
- 824 Dammerman, K. J., J. P. Steibel, and **K. T. Scribner**. 2015. Genetic and environmental components of phenotypic and behavioral trait variation during lake sturgeon (*Acipenser fulvescens*) early ontogeny. *Environmental Biology of Fishes* 98(6):1659-1670.

- 833 McGuire, J. M., J. D. Congdon, O. M. Kinney, M. Osentoski, and **K. T. Scribner**. 2015. Influences of male reproductive success in long-lived Blanding's Turtles (*Emydoidea blandingii*). Canadian Journal of Zoology 93(6):487-497.
- 837 **Scribner, K.**, P. Howell, M. Thomas, K. Smith, P. Hanchin, M. Wolgamood, and G. Whelan. 2015. Spatial genetic structure of suspected remnant and naturalized populations of Muskellunge and evidence for introgression between stocked and native strains. Journal of Great Lakes Research 41(4):1131-1137.
- 838 Trushenski, J. T., H. L. Blankenship, J. D. Bowker, T. A. Flagg, J. A. Hesse, K. M. Leber, D. D. MacKinlay, D. J. Maynard, C. M. Moffitt, V. A. Mudrak, **K. T. Scribner**, S. F. Stuewe, J. A. Sweka, G. E. Whelan, and C. Young-Dubovsky. 2015. Introduction to a special section: hatcheries and management of aquatic resources (HaMAR)—considerations for use of hatcheries and hatchery-origin fish. North American Journal of Aquaculture 77(3):327-342.
- 844 Bauman, J. M., B. M. Woodward, E. A. Baker, T. L. Marsh, and **K. T. Scribner**. 2016. Effects of family, feeding frequency, and alternate food type on body size and survival of hatchery-produced and wild-caught Lake Sturgeon larvae. North American Journal of Aquaculture 78(2):136-144.
- 852 **Scribner, K. T.**, W. H. Lowe, E. Landguth, G. Luikart, D. M. Infante, G. E. Whelan, and C. C. Muhlfeld. 2016. Applications of genetic data to improve management and conservation of river fishes and their habitats. Fisheries 41(4):174-188.
- 853 Tsehay, I., T. O. Brenden, J. R. Bence, W. Liu, **K. T. Scribner**, J. Kanefsky, K. Bott, and R. F. Elliott. 2016. Combining genetics with age/length data to estimate temporal changes in year-class strength of source populations contributing to mixtures. Fisheries Research 173:236-249.
- 879 Dammerman, K. J., J. P. Steibel, and **K. T. Scribner**. 2016. Increases in the mean and variability of thermal regimes results in differential phenotypic responses among genotypes during early ontogenetic stages of lake sturgeon (*Acipenser fulvescens*). Evolutionary Applications 9:1258–1270. doi:10.1111/eva.12409.
- 882 Feringa, M., C. Huckins, W. Mattes, E. Baker, T. Zorn, J. Littlefield, and **K. Scribner**. 2016. Genetic and phenotypic evidence for splake presence in brook trout and lake trout spawning habitats. Journal of Great Lakes Research 42:738-742.
- 894 Jonas, J. L., K. J. Broadway, L. Mathews, T. L. Galarowicz, K. L. Pangle, A. M. Muir, and **K. T. Scribner**. 2017. Evidence of a remnant self-sustaining strain of lake trout in the Lake Michigan basin. Journal of Great Lakes Research 43:155-162.
- 911 Baillie, S. M., A. M. Muir, **K. Scribner**, P. Bentzen, and C. C. Krueger. 2016. Loss of genetic diversity and reduction of genetic distance among lake trout *Salvelinus namaycush* ecomorphs, Lake Superior 1959 to 2013. Journal of Great Lakes Research 42:204-216.

### **SEELBACH, P. W.**

- 472 **Seelbach, P. W.**, R. N. Lockwood, G. R. Alexander. 1985. A modified inclined-screen trap for catching salmonid smolts in large rivers. North American Journal of Fisheries Management 5:494-498.

- 482    **Seelbach, P. W.** 1987. Smolting success of hatchery-raised steelhead planted in a Michigan tributary of Lake Michigan. *North American Journal of Fisheries Management* 7:223-231.
- 485    **Seelbach, P. W.** 1987. Effect of winter severity on steelhead smolt yield in Michigan: an example of the importance of environmental factors in determining smolt yield. *the American Fisheries Society Symposium* 1:441-450.
- 492    **Seelbach, P. W., G. E. Whelan.** 1989. Identification and contribution of wild and hatchery steelhead stocks in Lake Michigan tributaries. *the Transactions of the American Fisheries Society* 117:444-451.
- 505    **Seelbach, Paul W.** 1993. Population biology of steelhead in a stable-flow, low-gradient tributary of Lake Michigan. *Transactions of the American Fisheries Society* 122:179-198.
- 509    Rand, P. S., D. J. Stewart, **P. W. Seelbach**, M. L. Jones, L. R. Wedge. 1993. Modeling steelhead population energetics in Lakes Michigan and Ontario. *Transactions of the American Fisheries Society* 122:977-1001.
- 510    Zorn, T. G., **P. W. Seelbach**. 1995. The relation between habitat availability and the short-term carrying capacity of a stream reach for smallmouth bass. *North American Journal of Fisheries Management* 15:773-783.
- 527    Zorn, T.G, **P.W. Seelbach**, M.J. Wiley. 2002. Distributions of stream fishes and their relationship to stream size and hydrology in Michigan's Lower Peninsula. *Transactions of the American Fisheries Society* 131: 70-85.
- 528    Baker, M.E., Wiley, M.J., **Seelbach, P.W.** 2001. GIS-based hydrologic modeling of Riparian areas: Implications for stream water quality. *Journal of the American Water Resources Association* 37, 6: 1615-1628.
- 535    Wehrly, K.E., Wiley, M.J., **Seelbach, P.W.** Classifying regional variation in thermal regime based on stream fish community patterns. 2003. *Transactions of the American Fisheries Society* 132: 18-38.
- 540    **Seelbach, P. W., M. J. Wiley, P. A. Soranno, M. T. Bremigan.** 2002. Aquatic conservation planning: using landscape maps to predict ecological reference conditions for specific waters. Reprinted in *Concepts and Applications of Landscape Ecology in Biological Conservation*. Chapter 24, pp. 454-478.
- 544    Hayes, D., E. Baker, R. Bednarz, D. Borgeson, Jr., J. Braunscheidel, J. Breck, M. Bremigan, A. Harrington, R. Hay, R. Lockwood, A. Nuhfer, J. Schneider, **P. Seelbach**, J. Waybrant, T. Zorn. 2003. Developing a standardized sampling program: the Michigan experience. *Fisheries* 28(7):18-25.
- 545    Wiley, M. J., **P. W. Seelbach**, K. Wehrly, J. S. Martin. 2002. Regional ecological normalization using linear models: a meta-method for scaling stream assessment indicators. Pages 201-223 in T. P. Simon, editor. *Biological response signatures: indicator patterns using aquatic communities*. CRC press, Boca Raton, Florida.

- 554 Baker, E. A., K. E. Wehrly, **P. W. Seelbach**, L. Wang, M. J. Wiley, and T. Simon. 2005. A multimetric assessment of stream condition in the Northern Lakes and Forests ecoregion using spatially explicit statistical modeling and regional normalization. *Transactions of the American Fisheries Society* 134:697–710.
- 555 Wang, L., J. Lyons, P. Rasmussen, **P. Seelbach**, T. Simon, M. Wiley, P. Kanehl, E. Baker, S. Niemela, and P. M. Stewart. 2003. Watershed, reach, and riparian influences on stream fish assemblages in the Northern Lakes and Forest Ecoregion, U.S.A. *Canadian Journal of Fisheries and Aquatic Science* 60:491–505.
- 576 Wang, L., **P. W. Seelbach**, and R. M. Hughes. 2006. Introduction to landscape influences on stream habitats and biological assemblages. *American Fisheries Society Symposium* 48:1–23.
- 577 **Seelbach, P. W.**, M. J. Wiley, M. E. Baker, and K. E. Wehrly. 2006. Initial classification of river valley segments across Michigan's Lower Peninsula. *American Fisheries Society Symposium* 48:25–48.
- 578 Brenden, T. O., R. D. Clark, Jr., A. R. Cooper, **P. W. Seelbach**, L. Wang, S. Aichele, E. G. Bissell, and J. S. Stewart. 2006. A GIS framework for collecting, managing, and analyzing multiscale landscape variables across large regions for river conservation and management. *American Fisheries Society Symposium* 48:49–74.
- 579 Wehrly, K. E., M. J. Wiley, and **P. W. Seelbach**. 2006. Influence of landscape features on summer water temperatures in lower Michigan streams. *American Fisheries Society Symposium* 48:113–127.
- 580 Wang, L., **P. W. Seelbach**, and J. Lyons. 2006. Effects of levels of human disturbance on the influence of catchment, riparian, and reach-scale factors on fish assemblages. *American Fisheries Society Symposium* 48:199–219.
- 581 Infante, D. M., M. J. Wiley, and **P. W. Seelbach**. 2006. Relationships among channel shape, catchment characteristics, and fish in lower Michigan streams. *American Fisheries Society Symposium* 48:339–357.
- 585 Riseng, C. M., M. J. Wiley, R. J. Stevenson, T. G. Zorn, and **P. W. Seelbach**. 2006. Comparison of coarse versus fine scale sampling on statistical modeling of landscape effects and assessment of fish assemblages of the Muskegon River, Michigan. *American Fisheries Society Symposium* 48:555–575.
- 611 Baker, M. E., M. J. Wiley, **P. W. Seelbach**, and M. L. Carlson. 2003. A GIS model of subsurface water potential for aquatic resource inventory, assessment, and environmental management. *Environmental Management* 32:706–719.
- 654 Brenden, T. O., L. Wang, **P. W. Seelbach**, R. D. Clark, Jr., M. J. Wiley, and B. L. Sparks-Jackson. 2008. A spatially constrained clustering program for river valley segment delineation from GIS digital river networks. *Environmental Modelling & Software* 23:638–649.
- 655 Brenden, T. O., L. Wang, R. D. Clark, Jr., **P. W. Seelbach**, and J. Lyons. 2007. Comparison between model-predicted and field-measured stream habitat features for evaluating fish assemblage-habitat relationships. *Transactions of the American Fisheries Society* 136:580–592.

- 664 Wang, L., T. Brenden, **P. Seelbach**, A. Cooper, D. Allan, R. Clark, Jr., and M. Wiley. 2008. Landscape based identification of human disturbance gradients and reference conditions for Michigan streams. *Environmental Monitoring and Assessment* 141:1–17.
- 676 Brenden, T. O., L. Wang, and **P. W. Seelbach**. 2008. A river valley segment classification of Michigan streams based on fish and physical attributes. *Transactions of the American Fisheries Society* 137:1621–1636.
- 690 Steen, P. J., T. G. Zorn, **P. W. Seelbach**, and J. S. Schaeffer. 2008. Classification tree models for predicting distributions of Michigan stream fish from landscape variables. *Transactions of the American Fisheries Society* 137:976–996.
- 704 Lyons, J., T. Zorn, J. Stewart, **P. Seelbach**, K. Wehrly, and L. Wang. 2009. Defining and characterizing coolwater streams and their fish assemblages in Michigan and Wisconsin, USA. *North American Journal of Fisheries Management* 29:1130–1151.
- 757 Zorn, T. G., **P. W. Seelbach**, and M. J. Wiley. 2011. Developing user-friendly habitat suitability tools from regional stream fish survey data. *North American Journal of Fisheries Management* 31:41–55.
- 776 Zorn, T. G., **P. W. Seelbach**, and E. S. Rutherford. 2012. A regional-scale habitat suitability model to assess the effects of flow reduction on fish assemblages in Michigan streams. *Journal of the American Water Resources Association* 48:871–895.

**SHARKEY, R. F.**

- 363 Latta, W. C., **R. F. Sharkey**. 1966. Feeding behavior of the American merganser in captivity,. *The Journal of Wildlife Management* 30(1):17–23.

**SHEPHERD, R. E.**

- 497 Great Lakes Fishery Commission 1991 Special Publication 91-1 contains the following:  
Schneider, J. C., T. J. Lychwick, E. J. Trimberger, J. H. Peterson, R. O'Neal, P. J. Schneeberger. Walleye rehabilitation in Lake Michigan, 1969–1989. Pages 23–61 *in* Status of walleye in the Great Lakes: case studies prepared for the 1989 workshop.  
Mrozinski, L. E., J. C. Schneider, R. C. Haas, **R. E. Shepherd**. Rehabilitation of walleye in Saginaw Bay, Lake Huron. Pages 63–84 *in* Status of walleye in the Great Lakes: case studies prepared for the 1989 workshop.

**SHETTER, D. S.**

- 27 **Shetter, D. S.** 1936. Shrinkage of trout at death and on preservation. *Copeia* 1936(1):60–61.
- 28 **Shetter, D. S.** 1936. The jaw-tag method of marking fish. *Papers of the Michigan Academy of Science, Arts, and Letters* 21:651–653.
- 37 Leonard, J. W., **D. S. Shetter**. 1937. Studies on merganser depredations in Michigan trout waters. *Transactions of the American Fisheries Society* 66:335–337.
- 38 **Shetter, D. S.** 1937. Migration, growth rate and population density of brook trout in the North Branch of the Au Sable River, Michigan. *Transactions of the American Fisheries Society* 66:203–210.

- 47 Michigan Conservation, April 1938, Vol. 7, No. 8 contains the following articles:  
A. S. Hazzard, **D. S. Shetter**. Shall we plant more legal fish? (pages 3 and 10); **D. S. Shetter**, Rainbows (pages 6, 7, 11);  
R. W. Eschmeyer, Trout angling hold its own (page 8);  
A. S. Hazzard, Female builds the nest and male does the courting (page 9);  
R. W. Eschmeyer, Lakes are restored by poisoning old fish, stocking with new (page 9);  
J. W. Leonard, How Michigan handles the beaver/trout problem (page 11).
- 48 Michigan Conservation, June 1938, Vol. 7, No. 10 contains the following articles:  
J. W. Leonard, When a fish and a burr collide (page 3);  
H. van der Schalie, Hitch-hiking mussels and pearl buttons (pages 4, 5, 11);  
W. F. Carbine, Tricks to know about the lowly fish-worm (pages 6, 10);  
C. J. D. Brown, The Montana grayling in Michigan (pages 7, 9);  
A. S. Hazzard, R. W. Eschmeyer, How really expert is an expert fisherman? (page 8);  
**D. S. Shetter**, Fish inventory means counting job (pages 8, 10);  
R. W. Eschmeyer, Two x two doesn't always equal four (page 10);  
J. T. Wilkinson, Hunt ways to reduce trout food costs (page 11).
- 57 **Shetter, D. S.** 1938. A two-way fish trap for use in studying stream-fish migrations.  
Transactions of the Third North American Wildlife Conference 1938:331-338.
- 70 Hazzard, A. S., **D. S. Shetter**. 1939. Results from experimental plantings of legal-sized brook trout (*Salvelinus fontinalis*) and rainbow trout (*Salmo irideus*). Transactions of the American Fisheries Society 68:196-210.
- 74 **Shetter, D. S.**, A. S. Hazzard. 1939. Species composition by age groups and stability of fish populations in sections of three Michigan trout streams during the summer of 1937.  
Transactions of the American Fisheries Society 68:281-302.
- 77 **Shetter, D. S.** 1939. Success of plantings of fingerling trout in Michigan waters as demonstrated by marking experiments and creel censuses. Transactions of the Fourth North American Wildlife Conference 1939:318-325.
- 94 **Shetter, D. S.**, A. S. Hazzard. 1941. Results from plantings of marked trout of legal size in streams and lakes of Michigan. Transactions of the American Fisheries Society 70:446-468.
- 101 **Shetter, D. S.**, A. S. Hazzard. 1942. Planting "keeper" trout. Fall, spring and open season stocking results compared. Reprinted by Michigan Conservation 11(4):3,4,5.
- 127 **Shetter, D. S.** 1944. Angler's catches from portions of certain Michigan trout streams in 1939 and 1940, with a discussion of indices to angling quality. Papers of the Michigan Academy of Science, Arts, and Letters 29:305-312.
- 133 **Shetter, D. S.**, J. W. Leonard. 1943. A population study of a limited area in a Michigan trout stream, September, 1940. Transactions of the American Fisheries Society 72:35-51.
- 149 Carbine, W. F., **D. S. Shetter**. 1945. Examples of the use of two-way fish weirs in Michigan.  
Transactions of the American Fisheries Society 73:70-89.
- 155 **Shetter, D. S.** 1947. The electric "shocker" and its use in Michigan streams. Michigan Conservation 16(9):8-10.

- 160 **Shetter, D. S.** 1947. Further results from spring and fall plantings of legal-sized hatchery-reared trout in streams and lakes of Michigan. *Transactions of the American Fisheries Society* 74:35-58.
- 187 **Shetter, D. S.**, O. H. Clark, A. S. Hazzard. 1949. The effects of deflectors in a section of a Michigan trout stream. *Transactions of the American Fisheries Society* 76:248-278.
- 191 **Shetter, D. S.** 1949. A brief history of the sea lamprey problem in Michigan waters. *Transactions of the American Fisheries Society* 76:160-176.
- 203 **Shetter, D. S.** 1950. Rainbow trout and river mouths. *Michigan Conservation* 19(1):31-34.
- 204 **Shetter, D. S.** 1950. The relationship between the legal-sized trout population and the catch by anglers in portions of two Michigan trout streams. *Papers of the Michigan Academy of Science, Arts, and Letters* 34:97-107.
- 209 **Shetter, D. S.** 1950. Rifle River fishing (pages 3-6); V. S. Pratt, Southern Michigan trout streams (pages 10-12); E. L. Cooper, What happens to trout? (pages 24-27). *Michigan Conservation* 19(3).
- 212 **Shetter, D. S.** 1950. Results from plantings of marked fingerling brook trout (*Salvelinus f. fontinalis* (Mitchill)) in Hunt Creek, Montmorency County, Michigan. *Transactions of the American Fisheries Society* 79:77-93.
- 224 **Shetter, D. S.** 1951. The effect of fin removal on fingerling lake trout (Cristivomer namaycush). *Transactions of the American Fisheries Society* 80:260-277.
- 231 **Shetter, D. S.** 1951. Variation in fishing pressure and catch during various portions of the trout season on some Michigan trout waters. *The Progressive Fish-Culturist* 13:213-218.
- 244 **Shetter, D. S.** 1952. The mortality and growth of marked and unmarked lake trout fingerlings in the presence of predators. *Transactions of the American Fisheries Society* 81:17-34.
- 261 **Shetter, D. S.**, L. N. Allison. 1954. Fly fishing only? *Michigan Conservation* 23(2):12-13.
- 271 **Shetter, D. S.**, M. J. Whalls, O. M. Corbett. 1954. The effect of changed angling regulations on a trout population of the Au Sable River. *Transactions of the Nineteenth North American Wildlife Conference*, Vol. 19. pages 222-238.
- 274 **Shetter, D. S.**, M. J. Whalls. 1955. Effect of impoundment on water temperatures of Fuller Creek, Montmorency County, Michigan. *The Journal of Wildlife Management* 19(1):47-54.
- 280 Whalls, M. J., K. E. Proshek, **D. S. Shetter**. 1955. A new two-way fish trap for streams. *The Progressive Fish-Culturist* 17(3):103-109.
- 293 Whalls, M. J., **D. S. Shetter**, J. E. Vondett. 1957. A simplified rotary fish screen and an automatic water gate. *Transactions of the American Fisheries Society* 86:371-380.
- 312 **Shetter, D. S.** 1960. The relative effectiveness of salmon eggs and earthworms as bait for trout in the Sturgeon River, Michigan. *Transactions of the American Fisheries Society* 89(3):280-286.

- 321 Alexander, G. R., **D. S. Shetter**. 1961. Seasonal mortality and growth of hatchery-reared brook trout and rainbow trout in east Fish Lake, Montmorency County, Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 46:317-328.
- 323 **Shetter, D. S.** 1961. Survival of brook trout from egg to fingerling stage in two Michigan trout streams. Transactions of the American Fisheries Society 90(3):252-258.
- 329 **Shetter, D. S.** 1962. Recoveries by anglers of legal-sized trout stocked during different seasons of the year in Michigan streams. Transactions of the American Fisheries Society 91:145-150.
- 330 **Shetter, D. S.**, G. R. Alexander. 1962. Effects of a flies-only restriction on angling and on fall trout populations in Hunt Creek, Montmorency County, Michigan. Transactions of the American Fisheries Society 91(3):295-302.
- 359 **Shetter, D. S.**, G. R. Alexander. 1965. Results of angling under special and normal trout fishing regulations in a Michigan trout stream. Transactions of the American Fisheries Society 94(3):219-226.
- 364 **Shetter, D. S.**, G. R. Alexander. 1966. Angling and trout populations on the North Branch of the Au Sable River, Crawford and Otsego counties, Michigan, under special and normal regulations, 1958-63. Transactions of the American Fisheries Society 95(1):85-91.
- 373 Alexander, G. R., **D. S. Shetter**. 1967. Fishing and boating on portions of the Au Sable River in Michigan, 1960-63. Transactions of the American Fisheries Society 96(3):257-267.
- 375 McFadden, J. T., G. R. Alexander, **D. S. Shetter**. 1967. Numerical changes and population regulation in brook trout *Salvelinus fontinalis*. Journal of the Fisheries Research Board of Canada 24(7):1425-1459.
- 377 **Shetter, D. S.** 1967. Effects of jaw tags and fin excision upon the growth, survival, and exploitation of hatchery rainbow trout fingerlings in Michigan. Transactions of the American Fisheries Society 96(4):394-399.
- 387 **Shetter, D. S.** 1968. Observations on movements of wild trout in two Michigan stream drainages. Transactions of the American Fisheries Society 97(4):472-480.
- 388 **Shetter, D. S.** 1969. Book review of: Knight, Richard Alden. Successful trout fishing. Transactions of the American Fisheries Society 98(1):128-129.
- 393 **Shetter, D. S.** 1969. The effects of certain angling regulations on stream trout populations. Pages 333-353 in Symposium on Salmon and Trout in Streams, H. R. MacMillan, Lectures in Fisheries, 1968, University of British Columbia, Vancouver, Canada.
- 394 Alexander, G. R., **D. S. Shetter**. 1969. Trout production and angling success from matched plantings of brook trout and rainbow trout in East Fish Lake, Michigan. The Journal of Wildlife Management 33(3):682-692.
- 397 **Shetter, D. S.**, G. R. Alexander. 1970. Results of predator reduction on brook trout and brown trout on 4.2 miles (6.76 km) of the North Branch of the Au Sable River. Transactions of the American Fisheries Society 99(2):312-319.

**SHOUP, D. E.**

- 589 Claramunt, R. M., **D. E. Shoup**, and D. H. Wahl. 2005. Comparison of push nets and tow nets for sampling larval fish with implications for assessing littoral habitat utilization. North American Journal of Fisheries Management 25:86–92.

**SILER, D. H.**

- 484 **Siler, D. H.**, G. B. Beyerle. 1986. Introduction and management of northern muskellunge in Iron Lake, Michigan. the American Fisheries Society 15:257-262.

**SIMON, T.**

- 554 Baker, E. A., K. E. Wehrly, P. W. Seelbach, L. Wang, M. J. Wiley, and **T. Simon**. 2005. A multimetric assessment of stream condition in the Northern Lakes and Forests ecoregion using spatially explicit statistical modeling and regional normalization. Transactions of the American Fisheries Society 134:697-710.
- 555 Wang, L., J. Lyons, P. Rasmussen, P. Seelbach, **T. Simon**, M. Wiley, P. Kanehl, E. Baker, S. Niemela, and P. M. Stewart. 2003. Watershed, reach, and riparian influences on stream fish assemblages in the Northern Lakes and Forest Ecoregion, U.S.A. Canadian Journal of Fisheries and Aquatic Science 60:491–505.

**SITAR, S. P.**

- 521 **Sitar, S. P.**, J. R. Bence, J. E. Johnson, W. W. Taylor. 1997. Sea lamprey wounding rates on lake trout in Lake Huron, 1984-1994. Michigan Academician XXIX, 21-37.
- 524 **Sitar, S. P.**, J. R. Bence, J. E. Johnson, M. P. Ebener, W. W. Taylor. 1999. Lake trout mortality and abundance in southern Lake Huron. North American Journal of Fisheries Management 19:881-900.
- 593 **Sitar, S. P.**, and J. X. He. 2006. Growth and maturity of hatchery and wild lean lake trout during population recovery in Michigan waters of Lake Superior. Transactions of the American Fisheries Society 135:915–923.
- 648 Schreiner, D. R., S. T. Schram, **S. Sitar**, and M. Petzold. 2007. Non-indigenous salmonines. Pages 77–84 in M. P. Ebener, editor. The state of Lake Superior in 2000. Great Lakes Fishery Commission Special Publication 07-02.
- 649 **Sitar, S. P.**, C. R. Bronte, M. P. Ebener, W. P. Mattes, M. Petzold, S. T. Schram, and D. R. Schreiner. 2007. Lake trout. Pages 49–61 in M. P. Ebener, editor. The state of Lake Superior in 2000. Great Lakes Fishery Commission Special Publication 07-02.
- 658 Ray, B. A., T. R. Hrabik, M. P. Ebener, O. T. Gorman, D. R. Schreiner, S. T. Schram, **S. P. Sitar**, W. P. Mattes, and C. R. Bronte. 2007. Diet and prey selection by Lake Superior lake trout during spring, 1986-2001. Journal of Great Lakes Research 33:104–113.
- 660 Linton, B. C., M. J. Hansen, S. T. Schram, and **S. P. Sitar**. 2007. Dynamics of a recovering lake trout population in eastern Wisconsin waters of Lake Superior, 1980-2001. North American Journal of Fisheries Management 27:940–954.

- 661 Janssen, J., J. E. Marsden, C. R. Bronte, D. J. Jude, **S. P. Sitar**, and F. W. Goetz. 2007. Challenges to deep-water reproduction by lake trout: pertinence to restoration in Lake Michigan. *Journal of Great Lakes Research* 33 (Supplement 1):59–74.
- 667 **Sitar, S. P.**, H. M. Morales, M. T. Mata, B. B. Bastar, D. M. Dupras, G. D. Kleaver, and K. D. Rathbun. 2008. Survey of Siscowet Lake Trout at their Maximum Depth in Lake Superior. *Journal of Great Lakes Research* 34(2):276–286.
- 679 Bronte, C. R., and **S. P. Sitar**. 2008. Harvest and relative abundance of Siscowet lake trout in Michigan waters of Lake Superior, 1929–1961. *Transactions of the American Fisheries Society* 137:916–926.
- 707 Stockwell, J. D., M. P. Ebener, J. A. Black, O. T. Gorman, T. R. Hrabik, R. E. Kinnunen, W. P. Mattes, J. K. Oyadomari, S. T. Schram, D. R. Schreiner, M. J. Seider, **S. P. Sitar**, and D. L. Yule. 2009. A synthesis of cisco recovery in Lake Superior: implications for native fish rehabilitation in the Laurentian Great Lakes. *North American Journal of Fisheries Management* 29:626–652.
- 721 Goetz, F., D. Rosauer, **S. Sitar**, G. Goetz., C. Simchick, S. Roberts, R. Johnson, C. Murphy, C. R. Bronte, and S. Mackenzie. 2010. A genetic basis for the phenotypic differentiation between siscowet and lean lake trout (*Salvelinus namaycush*). *Molecular Ecology* 19(Suppl. 1):176–196.
- 743 Goetz, F., **S. Sitar**, D. Rosauer, P. Swanson, C. R. Bronte, J. Dickey, and C. Simchick. 2011. The reproductive biology of siscowet and lean lake trout in southern Lake Superior. *Transactions of the American Fisheries Society* 140(6):1472–1491.
- 787 Gorman, O. T., and **S. P. Sitar**. 2013. Ups and downs of Burbot and their predator Lake Trout in Lake Superior, 1953–2011. *Transactions of the American Fisheries Society* 142(6):1757–1772.
- 803 Goetz, F., A. Jasonowicz, R. Johnson, P. Biga, G. Fischer, and **S. Sitar**. 2014. Physiological differences between lean and siscowet lake trout morphotypes: Are these metabolotypes? *Canadian Journal of Fisheries and Aquatic Sciences* 71:427–435.
- 816 **Sitar, S. P.**, A. J. Jasonowicz, C. A. Murphy, and F. W. Goetz. 2014. Estimates of skipped spawning in lean and siscowet Lake Trout in southern Lake Superior: implications for stock assessment. *Transactions of the American Fisheries Society* 143(3):660–672.

**SMITH, K. M.**

- 553 **Smith, K. M.**, E. A. Baker. 2005. Characteristics of spawning lake sturgeon in the Upper Black River, Michigan. *North American Journal of Fisheries Management* 25:301–307.
- 761 Forsythe, P. S., K. T. Scribner, J. A. Crossman, A. Ragavendran, E. A. Baker, C. Davis, and **K. M. Smith\***. 2012. Environmental and lunar cues are predictive of the timing of river entry and spawning-site arrival in lake sturgeon *Acipenser fulvescens*. *Journal of Fish Biology* 81:35–53.

\*Article lists middle initial incorrectly as K.

- 767 Homola, J. J., K. T. Scribner, R. F. Elliott, M. C. Donofrio, J. Kanefsky, **K. M. Smith**, and J. N. McNair. 2012. Genetically derived estimates of contemporary natural straying rates and historical gene flow among Lake Michigan lake sturgeon populations. *Transactions of the American Fisheries Society* 141(5):1374-1388.
- 778 Altenritter, M. E. L., A. C. Wieten, C. R. Ruetz III, and **K. M. Smith**. 2013. Seasonal spatial distribution of juvenile lake sturgeon in Muskegon Lake, Michigan, USA. *Ecology of Freshwater Fish* 22:467-478.
- 837 Scribner, K., P. Howell, M. Thomas, **K. Smith**, P. Hanchin, M. Wolgamood, and G. Whelan. 2015. Spatial genetic structure of suspected remnant and naturalized populations of Muskellunge and evidence for introgression between stocked and native strains. *Journal of Great Lakes Research* 41(4):1131-1137.

**SMITH, S. H.**

- 376 Beeton, A. M., **S. H. Smith**, F. F. Hooper. 1967. Physical limnology of Saginaw Bay, Lake Huron. *Great Lakes Fishery Commission Technical Report No. 12*.

**SNIESZKO, S. F.**

- 317 Hooper, F. F., H. A. Podoliak, **S. F. Snieszko**. 1961. Use of radioisotopes in hydrobiology and fish culture. *Transactions of the American Fisheries Society* 90(1):49-57.

**SORANNO, P. A.**

- 540 Seelbach, P. W., M. J. Wiley, **P. A. Soranno**, M. T. Bremigan. 2002. Aquatic conservation planning: using landscape maps to predict ecological reference conditions for specific waters. Reprinted in *Concepts and Applications of Landscape Ecology in Biological Conservation*. Chapter 24, pp. 454-478.
- 629 Cheruvilil, K. S., N. A. Nate, **P. A. Soranno**, and M. T. Bremigan. 2005. Lack of a unimodal relationship between fish growth and macrophyte cover in 45 north temperate lakes. *Arch. Hydrobiol.* 164(2):193–215.
- 634 Wagner, T., M. T. Bremigan, K. S. Cheruvilil, **P. A. Soranno**, N. A. Nate, J. E. Breck. 2006. A multilevel modeling approach to assessing regional and local landscape features for lake classification and assessment of fish growth rates. *Environmental Monitoring and Assessment* 130:437–454.
- 729 **Soranno, P. A.**, K. S. Cheruvilil, K. E. Webster, M. T. Bremigan, T. Wagner, and C. A. Stow. 2010. Using landscape limnology to classify freshwater ecosystems for multi-ecosystem management and conservation. *BioScience* 60(6):440-454.

**SPANGER, G. R.**

- 480 Bagdovitz, M. S., W. W. Taylor, W. C. Wagner, J. P. Nicolette, **G. R. Spangler**. 1986. Pink salmon populations in the U.S. waters of Lake Superior, 1981-1984. *Journal of Great Lakes Research* 12(1):72-81.

**SPARKS-JACKSON, B. L.**

- 654 Brenden, T. O., L. Wang, P. W. Seelbach, R. D. Clark, Jr., M. J. Wiley, and **B. L. Sparks-Jackson**. 2008. A spatially constrained clustering program for river valley segment delineation from GIS digital river networks. Environmental Modelling & Software 23:638–649.

**STAUFFER, T. M.**

- 277 **Stauffer, T. M.** 1955. He's still a rainbow by any other name. Michigan Conservation 24(3):19-21.
- 328 Wagner, W. C., **T. M. Stauffer**. 1962. The population of sea lamprey larvae in East Bay, Alger County, Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 47:235-245.
- 332 **Stauffer, T. M.** 1962. Duration of larval life of sea lampreys in Carp Lake River, Michigan. Transactions of the American Fisheries Society 91(4):422-423.
- 335 Wagner, W. C., **T. M. Stauffer**. 1962. Sea lamprey larvae in lentic environments. Transactions of the American Fisheries Society 91(4)384-387.
- 347 Hansen, M. J., **T. M. Stauffer**. 1964. Cadmium sulfide and mercuric sulfide for marking sea lamprey larvae. Transactions of the American Fisheries Society 93(1):21-26.
- 351 **Stauffer, T. M.** 1964. An experimental sea lamprey barrier. The Progressive Fish-Culturist 26(2):80-83.
- 391 **Stauffer, T. M.**, M. J. Hansen. 1969. Mark retention, survival, and growth of jaw-tagged and fin-clipped rainbow trout. Transactions of the American Fisheries Society 98(2):225-229.
- 400 Manion, P. J., **T. M. Stauffer**. 1970. Metamorphosis of the landlocked sea lamprey, *Petromyzon marinus*. Journal of the Fisheries Research Board of Canada 27(10):1735-1746.
- 403 Hansen, M. J., **T. M. Stauffer**. 1971. Comparative recovery to the creel, movement, and growth of rainbow trout stocked in the Great Lakes. Transactions of the American Fisheries Society 100(2):336-349.
- 406 **Stauffer, T. M.** 1972. Age, growth, and downstream migration of juvenile rainbow trout in a Lake Michigan tributary. Transactions of the American Fisheries Society 101(1):18-28.
- 421 **Stauffer, T. M.** 1976. Fecundity of coho salmon (*Oncorhynchus kisutch*) from the Great Lakes and a comparison with ocean salmon. Journal of the Fisheries Research Board of Canada 33(6):1150-1155.
- 444 **Stauffer, T. M.** 1979. Effects of DDT and PCB's on survival of lake trout eggs and fry in a hatchery and in Lake Michigan, 1973-1976. Transactions of the American Fisheries Society 108(2):178-186.
- 447 **Stauffer, T. M.** 1979. Two-year cycles of abundance of age-0 rainbow trout in Lake Superior tributaries. Transactions of the American Fisheries Society 108(6):542-547.

- 449 Wagner, W. C., **T. M. Stauffer**. 1980. Three-year-old pink salmon in Lake Superior tributaries. *Transactions of the American Fisheries Society* 109(5):458-460.
- 455 **Stauffer, T. M.** 1981. Collecting gear for lake trout eggs and fry. *The Progressive Fish-Culturist* 43(4):186-193.
- 458 Wagner, W. C., **T. M. Stauffer**. 1982. Distribution and abundance of pink salmon in Michigan tributaries of the Great Lakes, 1967-1980. *Transactions of the American Fisheries Society* 111:523-526.
- 461 Biette, R. M., D. P. Dodge, R. L. Hassinger, **T. M. Stauffer**. 1981. Life history and timing of migrations and spawning behavior of rainbow trout (*Salmo gairdneri*) populations of the Great Lakes. *Canadian Journal of Fisheries and Aquatic Sciences* 38(12):1759-1771.

**STEEN, P. J.**

- 690 **Steen, P. J.**, T. G. Zorn, P. W. Seelbach, and J. S. Schaeffer. 2008. Classification tree models for predicting distributions of Michigan stream fish from landscape variables. *Transactions of the American Fisheries Society* 137:976–996.

**STEVENSON, R. J.**

- 585 Riseng, C. M., M. J. Wiley, **R. J. Stevenson**, T. G. Zorn, and P. W. Seelbach. 2006. Comparison of coarse versus fine scale sampling on statistical modeling of landscape effects and assessment of fish assemblages of the Muskegon River, Michigan. *American Fisheries Society Symposium* 48:555–575.
- 813 Melstrom, R. T., F. Lupi, P. C. Esselman, and **R. J. Stevenson**. 2014. Valuing recreational fishing quality at rivers and streams. *Water Resources Research* 51:140-150.
- 826 Esselman, P. C., **R. J. Stevenson**, F. Lupi, C. M. Riseng, and M. J. Wiley. 2015. Landscape prediction and mapping of game fish biomass, and ecosystem service of Michigan rivers. *North American Journal of Fisheries Management* 35(2):302-320.

**STEWART, D. J.**

- 508 Rand, P. S., **D. J. Stewart**, P. W. Seelbach, M. L. Jones, L. R. Wedge. 1993. Modeling steelhead population energetics in Lakes Michigan and Ontario. *Transactions of the American Fisheries Society* 122:977-1001.
- 861 He, J. X., L. G. Rudstam, J. L. Forney, A. J. VanDeValk, and **D. J. Stewart**. 2005. Long-term patterns in growth of Oneida Lake walleye: a multivariate and stage-explicit approach for applying the von Bertalanffy growth function. *Journal of Fish Biology* 66:1459-1470.
- 886 He, J. X., **D. J. Stewart**, and L. G. Rudstam. 2016. Growth parameters as growth indices in time-varying environments: a comparison among four approaches to using the von Bertalanffy growth function. Pages 475-496 in L. G. Rudstam, E. L. Mills, J. R. Jackson, and D. J. Stewart, editors. Oneida Lake: long-term dynamics of a managed ecosystem and its fishery. American Fisheries Society, Bethesda, Maryland.

**STEWART, J. S.**

- 578 Brenden, T. O., R. D. Clark, Jr., A. R. Cooper, P. W. Seelbach, L. Wang, S. Aichele, E. G. Bissell, and **J. S. Stewart**. 2006. A GIS framework for collecting, managing, and analyzing multiscale landscape variables across large regions for river conservation and management. American Fisheries Society Symposium 48:49–74.
- 704 Lyons, J., T. Zorn, **J. Stewart**, P. Seelbach, K. Wehrly, and L. Wang. 2009. Defining and characterizing coolwater streams and their fish assemblages in Michigan and Wisconsin, USA. North American Journal of Fisheries Management 29:1130-1151.
- 754 Wang, L., D. Infante, J. Lyons, **J. Stewart**, and A. Cooper. 2011. Effects of dams in river networks on fish assemblages in non-impoundment sections of rivers in Michigan and Wisconsin, USA. River Research and Applications 27(4):473-487.

**STEWART, P. M.**

- 555 Wang, L., J. Lyons, P. Rasmussen, P. Seelbach, T. Simon, M. Wiley, P. Kanehl, E. Baker, S. Niemela, and **P. M. Stewart**. 2003. Watershed, reach, and riparian influences on stream fish assemblages in the Northern Lakes and Forest Ecoregion, U.S.A. Canadian Journal of Fisheries and Aquatic Science 60:491–505.

**STEWART-OATEN, A.**

- 546 **Stewart-Oaten, A.**, and J. R. Bence. 2001. Temporal and spatial variation in environmental impact assessment. Ecological Monographs 71:305–339.

**SU, Z.**

- 541 **Su, Zhenming**, Quinn, T. J., II. 2003. Estimator bias and efficiency for adaptive cluster sampling with order statistics and a stopping rule. Environmental and Ecological Statistics, 10: 17-41.
- 547 **Su, Z.**, R. M. Peterman, and S. L. Haeseker. 2004. Spatial hierarchical Bayesian models for stock-recruitment analysis of pink salmon (*Oncorhynchus gorbuscha*). the Canadian Journal of Fisheries and Aquatic Science 61:2471–2486.
- 599 **Su, Z.**, M. D. Adkison, and B. W. Van Alen. 2001. A Hierarchical Bayesian model for estimating historical salmon escapement and escapement timing. Canadian Journal of Fisheries and Aquatic Sciences 58:1648–1662.
- 608 **Su, Z.**, and M. D. Adkison. 2002. Optimal in-season management of pink salmon (*Oncorhynchus gorbuscha*) given uncertain run sizes and seasonal changes in economic value. Canadian Journal of Fisheries and Aquatic Sciences 59:1648–1659.
- 677 Brenden, T. O., L. Wang, and **Z. Su**. 2008. Quantitative identification of disturbance thresholds in support of aquatic resource management. Environmental Management 42:821–832.
- 795 **Su, Z.**, and D. Clapp. 2013. Evaluation of sample design and estimation methods for Great Lakes angler surveys. Transactions of the American Fisheries Society 142(1):234-246.

- 796 **Su, Z.**, and J. X. He. 2013. Analysis of Lake Huron recreational fisheries data using models dealing with excessive zeros. *Fisheries Research* 148:81-89.

**SWANK, D. R.**

- 558 Bartron, M. L., D. R. Swank, E. S. Rutherford, and K. T. Scribner. 2004. Methodological bias in estimates of strain composition and straying of hatchery-produced steelhead in Lake Michigan tributaries. *North American Journal of Fisheries Management* 24:1288–1299.

**SWEDBERG, D. V.**

- 470 **Swedberg, D. V.**, J. W. Peck. 1984. Food of young-of-the-year lake trout (*Salvelinus namaycush*) in Presque Isle Harbor, Lake Superior. *Journal of Great Lakes Research* 10(3):280-285.

**SWITZER, A.**

- 846 Canale, R. P., G. Whelan, **A. Switzer**, and E. Eisch. 2016. A bioenergetic approach to manage production and control phosphorus discharges from a salmonid hatchery. *Aquaculture* 451:137-146.

**SZALAI, E. B.**

- 563 Madenjian, C. P., T. O. Höök, E. S. Rutherford, D. M. Mason, T. E. Croley II, **E. B. Szalai**, and J. R. Bence. 2005. Recruitment variability of alewives in Lake Michigan. *Transactions of the American Fisheries Society* 134:218–230.
- 620 **Szalai, E. B.**, G. W. Fleischer, and J. R. Bence. 2003. Modeling time-varying growth using a generalized von Bertalanffy model with application to bloater (*Coregonus hoyi*) growth dynamics in Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences* 60:55–66.

**TACK, P. I.**

- 135 Westerman, F. A., **P. I. Tack**, A. S. Hazzard. 1943. Michigan's program to encourage wider utilization of the less popular varieties of fish. *Transactions of the Eighth North American Wildlife Conference* 1943:251-259.
- 171 Baeder, H. A., **P. I. Tack**, A. S. Hazzard. 1948. A comparison of the palatability of hatchery-reared and wild brook trout. *Transactions of the American Fisheries Society* 75:181-185.

**TAIT, H. D.**

- 239 Ball, R. C., **H. D. Tait**. 1952. Production of bass and bluegills in Michigan ponds. Michigan State College Agricultural Experimental Station, Technical Bulletin 231.

**TANNER, H. A.**

- 222 Ball, R. C., **H. A. Tanner**. 1951. The biological effects of fertilizer on a warm-water lake. Michigan State College Agricultural Experiment Station, Technical Bulletin 223.
- 257 Hooper, F. F., R. C. Ball, **H. A. Tanner**. 1953. An experiment in the artificial circulation of a small Michigan lake. *Transactions of the American Fisheries Society* 82:222-241.

- 309     **Tanner, H. A.** 1960. Some consequences of adding fertilizer to five Michigan trout lakes. Transactions of the American Fisheries Society 89:198-205.

**TARZWELL, C. M.**

- 6       Hubbs, C. L., J. R. Greeley, **C. M. Tarzwell**. 1932. Methods for the improvement of Michigan trout streams. (IFR Bulletin No. 1).
- 15      **Tarzwell, C. M.** 1935. Progress in lake and stream improvement. Transactions of Twenty-first American Game Conference, 1935:119-134.
- 33      **Tarzwell, C. M.** 1936. Lake and stream improvement in Michigan. Proceedings of the North American Wildlife Conference 1936:429-434.

**TAUBE, C. M.**

- 234     Michigan Conservation, 1952, Vol. 21, No. 3 contains the following articles:  
G. P. Cooper, Water weeds (pages 5-8);  
S. Lievense, A fisherman's challenge (pages 9 and 10);  
**C. M. Taube**, Riverine lakes (pages 18-20).
- 345     **Taube, C. M.** 1963. A library system. The Progressive Fish-Culturist 25(2):101-103.
- 361     **Taube, C. M.** 1965. The use of paraformaldehyde as a biological preservative. The Progressive Fish-Culturist 27:165-168.
- 383     **Taube, C. M.** 1967. Stabilization of an eroded river bank. the Journal of Soil Water Conservation 22(6):Nov-Dec 1967.
- 424     **Taube, C. M.** 1976. Sexual maturity and fecundity in brown trout of the Platte River, Michigan. Transactions of the American Fisheries Society 105(4):529-533.

**TAYLOR, W. R.**

- 268     **Taylor, W. R.** 1954. Records of fishes in the John N. Lowe collection from the Upper Peninsula of Michigan. Miscellaneous Publications Museum of Zoology, University of Michigan, No.87.

**TAYLOR, W. W.**

- 473     Kruger, K. M., **W. W. Taylor**, J. R. Ryckman. 1985. Angler use and harvest in the Pere Marquette River near Baldwin, Michigan. The Michigan Academician 17 (3).
- 480     Bagdovitz, M. S., **W. W. Taylor**, W. C. Wagner, J. P. Nicolette, G. R. Spangler. 1986. Pink salmon populations in the U. S. waters of Lake Superior, 1981-1984. Journal of Great Lakes Research 12(1):72-81.
- 491     Loftus, A. J., **W. W. Taylor**, M. Keller. 1988. An evaluation of lake trout (*Salvelinus namaycush*) hooking mortality in the upper Great Lakes. Canadian Journal of Fisheries and Aquatic Sciences 45:1473-1479.

- 496 Hayes, D. B., **W. W. Taylor**. 1990. Reproductive strategy in yellow perch (*Perca flavescens*): effects of diet ontogeny, mortality, and survival costs. *the Canadian Journal of Fisheries and Aquatic Sciences* 47:921-927.
- 502 Hayes, D. B., **W. W. Taylor**, J. C. Schneider. 1992. Response of yellow perch and the benthic invertebrate community to a reduction in the abundance of white suckers. *Transactions of the American Fisheries Society* 121:36-53.
- 521 Sitar, S. P., J. R. Bence, J. E. Johnson, **W. W. Taylor**. 1997. Sea lamprey wounding rates on lake trout in Lake Huron, 1984-1994. *Michigan Academician* XXIX, 21-37.
- 524 Sitar, S. P., J. R. Bence, J. E. Johnson, M. P. Ebener, **W. W. Taylor**. 1999. Lake trout mortality and abundance in southern Lake Huron. *North American Journal of Fisheries Management* 19:881-900.
- 538 Hayes, D. B., **W. W. Taylor**, M. T. Drake, S. M. Marod, G. E. Whelan. 1998. The value of headwaters to brook trout (*Salvelinus fontinalis*) in the Ford River, Michigan, USA. Headwaters: Water Resources and Soil Conservation. Proceedings of Headwater '98, the Fourth International Conference on Headwater Control. Chapter 16, pp. 175-185.
- 791 Kolb, T. L., E. A. Blukacz-Richards, A. M. Muir, R. M. Claramunt, M. A. Koops, **W. W. Taylor**, T. M. Sutton, M. T. Arts, and E. Bissel. 2013. How to manage data to enhance their potential for synthesis, preservation, sharing, and reuse—a Great Lakes case study. *Fisheries* 38(2):52-64.
- 873 Carlson, A. K., **W. W. Taylor**, K. M. Schlee, T. G. Zorn, and D. M. Infante. 2015. Projected impacts of climate change on stream salmonids with implications for resilience-based management. *Ecology of Freshwater Fish*. DOI: 10.1111/eff.12267.

**THAYER, S.**

- 531 **Thayer, Sarah**, Haas, R.C., Hunter, Douglas, Kushler, Robert. 1997. Zebra mussel (*Dreissena polymorpha*) effects on sediment, other zoobenthos, and the diet and growth of adult yellow perch (*Perca flavescens*) in pond enclosures. *Canadian Journal of Fisheries and Aquatic Science* 54: 1903-1915.

**THOMAS, M. V.**

- 518 Muzzall, P. M., C. R. Peebles, **M. V. Thomas**. 1995. Parasites of the round goby, *Neogobius meelaostomus*, and tubenose goby, *Proterorhinus marmoratus* (Perciformes: Gobiidae), from the Saint Clair River and Lake Saint Clair, Michigan. *Journal of the Helminthological Society of Washington* 62(2):226-228
- 539 Fitzgerald, D. G., A. R. Dale, **M. V. Thomas**, P. F. Sale. 2001. Application of otolith analyses to investigate broad size distributions of young yellow perch in temperate lakes. *Journal of Fish Biology* 58: 248-263.
- 542 Nichols, S.J., G. Kennedy, E. Crawforth, J. Allen, J. French III, G. Black, M. Blouin, J. Hickey, S. Chernyak, R. Haas, **M. Thomas**. 2003. Assessment of lake sturgeon (*Acipenser fulvescens*) spawning efforts in the lower St. Clair River, Michigan. *Journal of Great Lakes Research*, 29(3):383-391.

- 601    **Thomas, M. V.**, and R. C. Haas. 2002. Abundance, age structure, and spatial distribution of lake sturgeon, *Acipenser fulvescens*, in the St Clair System. *Journal of Applied Ichthyology* 18:495–501.
- 697    Craig, J. M., D. M. Papoulias, **M. V. Thomas**, M. L. Annis, and J. Boase. 2009. Sex assignment of lake sturgeon (*Acipenser fluvescens*) based on plasma sex hormone and vitellogenin levels. *Journal of Applied Ichthyology* 25 (Suppl. 2):60-67.
- 720    Fielder, D. G., A. P. Liskauskas, D. J. A. Gonder, L. C. Mohr, and **M. V. Thomas**. 2010. Status of walleye in Lake Huron. Pages 71-90 in E. Roseman, P. Kocovsky, and C. Vandergoot, editors. *Status of walleye in the Great Lakes: proceedings of the 2006 Symposium*. Great Lakes Fishery Commission Technical Report 69, Ann Arbor, Michigan.
- 745    Ivan, L. N., T. O. Höök, **M. V. Thomas**, and D. G. Fielder. 2011. Long-term and interannual dynamics of walleye and yellow perch in Saginaw Bay, Lake Huron. *Transactions of the American Fisheries Society* 140(4):1078-1092.
- 809    Ivan, L. N., D. G. Fielder, **M. V. Thomas**, and T. O. Höök. 2014. Changes in the Saginaw Bay, Lake Huron, fish community from 1970-2011. *Journal of Great Lakes Research* 40(4):922-933.
- 817    Staton, J. M., C. R. Roswell, D. G. Fielder, **M. V. Thomas**, S. A. Pothoven, and T. O. Höök. 2014. Condition and diet of yellow perch in Saginaw Bay, Lake Huron (1970-2011). *Journal of Great Lakes Research* 40(Supplement 1):139–147.
- 837    Scribner, K., P. Howell, **M. Thomas**, K. Smith, P. Hanchin, M. Wolgamood, and G. Whelan. 2015. Spatial genetic structure of suspected remnant and naturalized populations of Muskellunge and evidence for introgression between stocked and native strains. *Journal of Great Lakes Research* 41(4):1131-1137.

**TODY, W. H.**

- 215    **Tody, W. H.** 1951. Operation Rifle River. *Michigan Conservation* 20(1):15-20.

**TOMKINS, W. A.**

- 229    Lagler, K. F., A. S. Hazzard, W. E. Hazen, **W. A. Tomkins**. 1950. Outboard motors in relation to fish behavior, fish production, and angling success. *Transactions of the Fifteenth North American Wildlife Conference*, March 6, 7, and 9, 1950. Pages 280-303.

**TONELLO, M. A.**

- 766    Homola, J. J., J. Kanefsky, K. T. Scribner, T. G. Kalish, and **M. A. Tonello**. 2012. Genetic identification of two putative world record Michigan salmonids resolves stakeholder and manager questions. *Journal of Great Lakes Research* 38:176-179.

**TRAUTMAN, M. B.**

- 13    **Trautman, M. B.** 1933. The general effects of pollution on Ohio fish life. *Transactions of the American Fisheries Society* 63:69-72.

- 14      **Trautman, M. B.** 1933. The practical value of scientific data in a stocking policy for Ohio. Transactions of the American Fisheries Society 62:258-260.
- 21      Hubbs, C. L., **M. B. Trautman**. 1936. The need for investigating fish conditions in winter. Transactions of the American Fisheries Society 65:51-56.
- 24      **Trautman, M. B.**, C. L. Hubbs. 1936. When do pike shed their teeth? Transactions of the American Fisheries Society 65:261-266.
- 95      **Trautman, M. B.** 1941. Fluctuations in lengths and numbers of certain species of fishes over a five-year period in Whitmore Lake, Michigan. Transactions of the American Fisheries Society 70:193-208.
- 174     **Trautman, M. B.**, C. L. Hubbs. 1948. When do pike shed their teeth? Michigan Conservation 17(8)4, 5, 10.

**TRIMBERGER, E. J.**

- 497     Great Lakes Fishery Commission 1991 Special Publication 91-1 contains the following:  
Schneider, J. C., T. J. Lychwick, **E. J. Trimberger**, J. H. Peterson, R. O'Neal, P. J. Schneeberger. Walleye rehabilitation in Lake Michigan, 1969-1989. Pages 23-61 in Status of walleye in the Great Lakes: case studies prepared for the 1989 workshop.  
Mrozinski, L. E., J. C. Schneider, R. C. Haas, R. E. Shepherd. Rehabilitation of walleye in Saginaw Bay, Lake Huron. Pages 63-84 in Status of walleye in the Great Lakes: case studies prepared for the 1989 workshop.

**ULRIKSON, G. U.**

- 380     Branson, B. A., **G. U. Ulrikson**. 1967. Morphology and histology of the branchial apparatus in percid fishes of the genera *Percina*, *Etheostoma*, and *Ammocrypta* (Percidae: Percinae: Etheostomatini). Transactions of the American Fisheries Society 86(4):371-389.
- 381     Clady, M. D., **G. U. Ulrikson**. 1968. Mortality of recently hatched bluegill fry as a result of hydra. The Progressive Fish-Culturist 30(1):39-40.

**VAN AMBERG, J. P.**

- 512     Johnson, J. E., **J. P. VanAmberg**. 1995. Evidence of natural reproduction of lake trout in western Lake Huron. Journal of Great Lakes Research 21 (Supplement 1):253-259.

**VAN DER SCHALIE, H.**

- 48      Michigan Conservation, June 1938, Vol. 7, No. 10 contains the following articles:  
J. W. Leonard, When a fish and a burr collide (page 3);  
**H. van der Schalie**, Hitch-hiking mussels and pearl buttons (pages 4, 5, 11);  
W. F. Carbine, Tricks to know about the lowly fish-worm (pages 6, 10);  
C. J. D. Brown, The Montana grayling in Michigan (pages 7, 9);  
A. S. Hazzard, R. W. Eschmeyer, How really expert is an expert fisherman? (p. 8);  
D. S. Shetter, Fish inventory means counting job (pages 8, 10);  
R. W. Eschmeyer, Two x two doesn't always equal four (page 10);  
J. T. Wilkinson, Hunt ways to reduce trout food costs (page 11).

- 49      **Van der Schalie, H.** 1938. Hitch-hiking mussels and pearl buttons. Michigan Conservation 7(10):4,5,11.

**VANDERPLOEG, H. A.**

- 557     Beletsky, D., D. Schwab, D. Mason, E. Rutherford, M. McCormick, **H. Vanderploeg**, and J. Janssen. 2003. Modeling the transport of larval yellow perch in Lake Michigan. ASCE Conf. Proc. 145, 28.
- 602     Madenjian, C. P., G. L. Fahnstiel, T. H. Johengen, T. F. Nalepa, **H. A. Vanderploeg**, G. W. Fleischer, P. J. Schneeberger, D. M. Benjamin, E. B. Smith, J. R. Bence, E. S. Rutherford, D. S. Lavis, D. M. Robertson, D. J. Jude, and M. P. Ebener. 2002. Dynamics of the Lake Michigan food web, 1970–2000. Canadian Journal of Fisheries and Aquatic Sciences 59:736–753.
- 641     Pothoven, S. A., **H. A. Vanderploeg**, J. F. Cavaletto, D. M. Krueger, D. M. Mason, and S. B. Brandt. 2007. Alewife planktivory controls the abundance of two invasive predatory cladocerans in Lake Michigan. Freshwater Biology 52:561–573.

**VONDETT, J. E.**

- 293     Whalls, M. J., D. S. Shetter, **J. E. Vondett**. 1957. A simplified rotary fish screen and an automatic water gate. Transactions of the American Fisheries Society 86:371-380.

**WAGNER, W. C.**

- 328     **Wagner, W. C.**, T. M. Stauffer. 1962. The population of sea lamprey larvae in East Bay, Alger County, Michigan. Papers of the Michigan Academy of Science, Arts, and Letters 47:235-245.
- 335     **Wagner, W. C.**, T. M. Stauffer. 1962. Sea lamprey larvae in lentic environments. Transactions of the American Fisheries Society 91(4)384-387.
- 407     **Wagner, W. C.** 1972. Utilization of alewives by inshore piscivorous fishes in Lake Michigan. Transactions of the American Fisheries Society 101(1):55-63.
- 449     **Wagner, W. C.**, T. M. Stauffer. 1980. Three-year-old pink salmon in Lake Superior tributaries. Transactions of the American Fisheries Society 109(5):458-460.
- 452     **Wagner, W. C.** 1981. Reproduction of planted lake trout in Lake Michigan. North American Journal of Fisheries Management 1:159-164.
- 458     **Wagner, W. C.**, T. M. Stauffer. 1982. Distribution and abundance of pink salmon in Michigan tributaries of the Great Lakes, 1967-1980. Transactions of the American Fisheries Society 111:523-526.
- 480     Bagdovitz, M. S., W. W. Taylor, **W. C. Wagner**, J. P. Nicolette, G. R. Spangler. 1986. Pink salmon populations in the U. S. waters of Lake Superior, 1981-1984. Journal of Great Lakes Research 12(1):72-81.

**WAHL, D. H.**

- 586 Claramunt, R. M., and **D. H. Wahl**. 2000. The effects of abiotic and biotic factors in determining larval fish growth rates: A comparison across species and reservoirs. *Transactions of the American Fisheries Society* 129:835–851.
- 589 Claramunt, R. M., D. E. Shoup, and **D. H. Wahl**. 2005. Comparison of push nets and tow nets for sampling larval fish with implications for assessing littoral habitat utilization. *North American Journal of Fisheries Management* 25:86–92.
- 896 Edison, T. W., **D. H. Wahl**, M. J. Diana, D. P. Philipp, and D. J. Austen. 2006. Angler opinion of potential Bluegill regulations on Illinois lakes: effects of angler demographics and Bluegill population size structure. *North American Journal of Fisheries Management* 26:800–811.
- 897 Diana, M. J., and **D. H. Wahl**. 2008. Long-term stocking success of Largemouth Bass and the relationship to natural populations. *American Fisheries Society Symposium* 62:413–426.
- 898 Diana, M. J., and **D. H. Wahl**. 2009. Growth and survival of four sizes of stocked Largemouth Bass. *North American Journal of Fisheries Management* 29:1653–1663.
- 899 Wahl, D. H., M. J. Diana, J. P. Parkos III, R. W. Oplinger, C. S. DeBoom, E. L. Effert, M. P. Carey, B. P. Olds, J. E. Claussen, B. L. Barthel, M. M. VanLandeghem, J. A. Stein, C. P. Wagner, M. A. Nannini, L. M. Einfalt, C. D. Suski, and D. P. Philipp. 2009. 150 years of fishery science: changes, progress, and the role of the Illinois Natural History Survey. Pages 177–198 in C. A. Taylor, J. B. Taft, and C. E. Warwick, editors. *Canaries in the catbird seat*. Illinois Natural History, Special Publication 30, Champaign.
- 900 Butler, S. E., J. A. Freedman, M. J. Diana, and **D. H. Wahl**. 2011. Understanding the Asian carp invasion. *Illinois Natural History Survey Reports* 406:1–8.
- 903 Diana, M. J., A. L. Larsen, M. J. Siepker, and **D. H. Wahl**. 2012. Effects of tournament compared with catch and release angling on nest abandonment of Largemouth Bass. *North American Journal of Fisheries Management* 32:832–837.
- 904 Freedman, J. A., K. Nelson, S. E. Butler, M. J. Diana, and **D. H. Wahl**. 2013. Understanding the effects of Asian carp on native fishes. *Illinois Natural History Survey Reports* 410:2–3.
- 906 Oplinger, R. W., M. J. Diana, and **D. H. Wahl**. 2013. Population social structure and gizzard shad density influence the size-specific growth of Bluegill. *Canadian Journal of Fisheries and Aquatic Science* 70:1278–1288.
- 907 Nannini, M. A., M. J. Diana, J. E. Claussen, D. P. Philipp, and **D. H. Wahl**. 2014. Assessing the long-term reproductive contribution of stocked fish to Largemouth Bass populations. *Transactions of the American Fisheries Society* 143:606–612.
- 908 Collins, S. F., S. E. Butler, M. J. Diana, and **D. H. Wahl**. 2015. Catch rates and cost effectiveness of entrapment gears for Asian Carp: A comparison of pound nets, hoop nets, and fyke nets in backwater lakes of the Illinois River. *North American Journal of Fisheries Management* 35:1219–1225.

- 909 Diana, M. J., and **D. H. Wahl**. 2015. Can tournament angling of Largemouth Bass affect lake-wide recruitment? Illinois Natural History Survey Reports 413:21-22.
- 910 Gring, J. P., M. J. Diana, and **D. H. Wahl**. 2015. Juvenile crappie growth and survival: implications for stocking and management using Blacknose Crappie. Illinois Natural History Survey Reports 413:2-3.
- 913 Collins, S. F., M. J. Diana, S. E. Butler, and **D. H. Wahl**. 2017. A comparison of sampling gears for capturing juvenile Silver Carp in river-floodplain ecosystems. North American Journal of Fisheries Management 37:94-100.
- 914 Diana, M. J., C. P. Wagner, and **D. H. Wahl**. 2017. Differences in stocking success among geographically distinct stocks of juvenile Muskellunge in Illinois lakes. North American Journal of Fisheries Management 37:633-643.

**WALKER, J. F.**

- 564 Corsi, S. R., **J. F. Walker**, L. Wang, J. A. Horwatich, and R. T. Bannerman. 2005. Effects of best-management practices in Otter Creek in the Sheboygan River priority watershed, Wisconsin, 1990–2002. U.S. Geological Survey, Scientific Investigations Report.

**WANG, H-Y.**

- 709 **Wang, H-Y.**, H. A. Cook, D. W. Einhouse, D. G. Fielder, K. A. Kayle, L. G. Rudstam, and T.O. Höök. 2009. Maturation schedules of walleye populations in the Great Lakes region: comparison of maturation indices and evaluation of sampling-induced biases. North American Journal of Fisheries Management 29(6):1540–1554.
- 772 **Wang, H-Y.**, D. W. Einhouse, D. G. Fielder, L. G. Rudstam, C. S. Vandergoot, A. J. VanDeValk, T. G. Zorn, and T. O. Höök. 2012. Maternal and stock effects on egg-size variation among walleye *Sander vitreus* stocks from the Great Lakes region. Journal of Great Lakes Research 38:477–489.
- 881 Feiner, Z. S., **H.-Y. Wang**, D. W. Einhouse, J. R. Jackson, E. S. Rutherford, C. Schelb, C. S. Vandergoot, T. G. Zorn, and T. O. Höök. 2016. Thermal environment and maternal effects shape egg size in a freshwater fish. Ecosphere 7(5):e01304. doi: 10.1002/ecs2.1304.

**WANG, L.**

- 554 Baker, E. A., K. E. Wehrly, P. W. Seelbach, **L. Wang**, M. J. Wiley, and T. Simon. 2005. A multimetric assessment of stream condition in the Northern Lakes and Forests ecoregion using spatially explicit statistical modeling and regional normalization. Transactions of the American Fisheries Society 134:697-710.
- 555 **Wang, L.**, J. Lyons, P. Rasmussen, P. Seelbach, T. Simon, M. Wiley, P. Kanehl, E. Baker, S. Niemela, and P. M. Stewart. 2003. Watershed, reach, and riparian influences on stream fish assemblages in the Northern Lakes and Forest Ecoregion, U.S.A. Canadian Journal of Fisheries and Aquatic Science 60:491–505.
- 564 Corsi, S. R., J. F. Walker, **L. Wang**, J. A. Horwatich, and R. T. Bannerman. 2005. Effects of best-management practices in Otter Creek in the Sheboygan River priority watershed, Wisconsin, 1990–2002. U.S. Geological Survey, Scientific Investigations Report.

- 565 Gaffield, S. J., K. W. Potter, and **L. Wang**. 2005. Predicting the summer temperature of small streams in southwestern Wisconsin. *Journal of the American Water Resources Association*, Paper No. 02127:25–36.
- 575 **Wang, L.**, B. W. Weigel, P. Kanehl, and K. Lohman. 2006. Influence of riffle and snag habitat specific sampling on stream macroinvertebrate assemblage measures in bioassessment. *Environmental Monitoring and Assessment* 119:245–273.
- 576 **Wang, L.**, P. W. Seelbach, and R. M. Hughes. 2006. Introduction to landscape influences on stream habitats and biological assemblages. *American Fisheries Society Symposium* 48:1–23.
- 578 Brenden, T. O., R. D. Clark, Jr., A. R. Cooper, P. W. Seelbach, **L. Wang**, S. Aichele, E. G. Bissell, and J. S. Stewart. 2006. A GIS framework for collecting, managing, and analyzing multiscale landscape variables across large regions for river conservation and management. *American Fisheries Society Symposium* 48:49–74.
- 580 **Wang, L.**, P. W. Seelbach, and J. Lyons. 2006. Effects of levels of human disturbance on the influence of catchment, riparian, and reach-scale factors on fish assemblages. *American Fisheries Society Symposium* 48:199–219.
- 584 Weigel, B. M., J. Lyons, P. W. Rasmussen, and **L. Wang**. 2006. Relative influence of environmental variables at multiple spatial scales on fishes in Wisconsin's warmwater nonwadeable rivers. *American Fisheries Society Symposium* 48:493–511.
- 596 **Wang, L.**, J. Lyons, and P. Kanehl. 2006. Habitat and fish responses to multiple agricultural best management practices in a warm water stream. *Journal of the American Water Resources Association* 42:1047–1062.
- 597 **Wang, L.**, D. M. Robertson, and P. J. Garrison. 2007. Linkages between nutrients and assemblages of macroinvertebrates and fish in wadeable streams: Implication to nutrient criteria development. *Environmental Management* 39:194–212.
- 606 **Wang, L.**, J. Lyons, and P. Kanehl. 2002. Effects of watershed best management practices on habitat and fish in Wisconsin streams. *Journal of the American Water Resources Association* 38:663–680.
- 618 **Wang, L.**, and J. Lyons. 2003. Fish and benthic macroinvertebrate assemblages as indicators of stream degradation in urbanizing watersheds. Pages 227–249 in T. P. Simon, editor. *Biological response signatures: indicator patterns using aquatic communities*.
- 619 **Wang, L.**, J. Lyons, and P. Kanehl. 2003. Impacts of urban land cover on trout streams in Wisconsin and Minnesota. *Transactions of the American Fisheries Society* 132:825–839.
- 635 Wehrly, K. E., **L. Wang**, and M. Mitro. 2007. Field-based estimates of thermal tolerance limits for trout: incorporating exposure time and temperature fluctuation. *Transactions of the American Fisheries Society* 136:365–374.
- 636 **Wang, H.**, E. S. Rutherford, H. A. Cook, D. W. Einhouse, R. C. Haas, T. B. Johnson, R. Kenyon, B. Locke, and M. W. Turner. 2007. Movement of walleyes in lakes Erie and St. Clair inferred from tag return and fisheries data. *Transactions of the American Fisheries Society* 136:539–551.

- 643 **Wang, L.**, J. Lyons, P. Kanehl, and R. Gatti. 1997. Influences of watershed land use on habitat quality and biotic integrity in Wisconsin streams. *Fisheries* 22:6–12.
- 654 Brenden, T. O., **L. Wang**, P. W. Seelbach, R. D. Clark, Jr., M. J. Wiley, and B. L. Sparks-Jackson. 2008. A spatially constrained clustering program for river valley segment delineation from GIS digital river networks. *Environmental Modelling & Software* 23:638–649.
- 655 Brenden, T. O., **L. Wang**, R. D. Clark, Jr., P. W. Seelbach, and J. Lyons. 2007. Comparison between model-predicted and field-measured stream habitat features for evaluating fish assemblage-habitat relationships. *Transactions of the American Fisheries Society* 136:580–592.
- 656 **Wang, L.**, D. M. Robertson, and P. J. Garrison. 2007. Linkages between nutrients and assemblages of macroinvertebrates and fish in wadeable streams: implication to nutrient criteria development. *Environmental Management* 39:194–212.
- 662 Stepenuck, K. F., R. L. Crunkilton, M. A. Bozek, and **L. Wang**. 2008. Comparison of macroinvertebrate-derived stream quality metrics between snag and riffle habitats. *Journal of the American Water Resources Association* 44:670–678.
- 664 **Wang, L.**, T. Brenden, P. Seelbach, A. Cooper, D. Allan, R. Clark, Jr., and M. Wiley. 2008. Landscape based identification of human disturbance gradients and reference conditions for Michigan streams. *Environmental Monitoring and Assessment* 141:1–17.
- 676 Brenden, T. O., **L. Wang**, and P. W. Seelbach. 2008. A river valley segment classification of Michigan streams based on fish and physical attributes. *Transactions of the American Fisheries Society* 137:1621–1636.
- 677 Brenden, T. O., **L. Wang**, and Z. Su. 2008. Quantitative identification of disturbance thresholds in support of aquatic resource management. *Environmental Management* 42:821–832.
- 704 Lyons, J., T. Zorn, J. Stewart, P. Seelbach, K. Wehrly, and **L. Wang**. 2009. Defining and characterizing coolwater streams and their fish assemblages in Michigan and Wisconsin, USA. *North American Journal of Fisheries Management* 29:1130–1151.
- 710 Wehrly, K. E., T. O. Brenden, and **L. Wang**. 2009. A comparison of statistical approaches for predicting stream temperatures across heterogeneous landscapes. *Journal of the American Water Resources Association* 45 (4):986–997.
- 732 **Wang, L.**, K. Wehrly, J. E. Breck, and L. Szabo Kraft. 2010. Landscape-based assessment of human disturbance for Michigan lakes. *Environmental Management* 46:471–483.
- 754 **Wang, L.**, D. Infante, J. Lyons, J. Stewart, and A. Cooper. 2011. Effects of dams in river networks on fish assemblages in non-impoundment sections of rivers in Michigan and Wisconsin, USA. *River Research and Applications* 27(4):473–487.
- 774 Wehrly, K. E., J. E. Breck, **L. Wang**, and L. Szabo-Kraft. 2012. A landscape-based classification of fish assemblages in sampled and unsampled lakes. *Transactions of the American Fisheries Society* 141(2):414–425.

- 775 Wehrly, K. E., J. E. Breck, **L. Wang**, and L. Szabo-Kraft. 2012. Assessing local and landscape patterns of residential shoreline development in Michigan lakes. *Lake and Reservoir Management* 28(2):158-169.
- 840 **Wang, L.**, C. M. Riseng, L. A. Mason, K. E. Wehrly, E. S. Rutherford, J. E. McKenna, Jr., C. Castiglione, L. B. Johnson, D. M. Infante, S. Sowa, M. Robertson, J. Schaeffer, M. Khouri, J. Gaiot, T. Hollenhorst, C. Brooks, and M. Coscarelli. 2015. A spatial classification and database for management, research, and policy making: the Great Lakes aquatic habitat framework. *Journal of Great Lakes Research* 41:584-596.
- 884 Forsyth, D. K., C. M. Riseng, K. E. Wehrly, L. A. Mason, J. Gaiot, T. Hollenhorst, C. M. Johnston, C. Wyrzkowski, G. Annis, C. Castiglione, K. Todd, M. Robertson, D. M. Infante, **L. Wang**, J. E. McKenna, and G. Whelan. 2016. The Great Lakes hydrography dataset: Consistent, binational watersheds for the Laurentian Great Lakes Basin. *Journal of the American Water Resources Association* 1-21. doi: 10.1111/1752-1688.12435.

**WASHBURN, G. N.**

- 177 **Washburn, G. N.** 1948. Propagation of the creek chub in ponds with artificial raceways. *Transactions of the American Fisheries Society* 75:336-350.
- 180 Dobie, J. R., O. L. Meehean, **G. N. Washburn**. 1948. Propagation of minnows and other bait species. the U. S. Department of the Interior, Fish and Wildlife Service, Circular 12.
- 183 **Washburn, G. N.** 1948. The toxicity to warm-water fishes of certain cyanide plating and carburizing salts before and after treatment by the alkali-chlorination method. *Sewage Works Journal* 20(6):1075-1083.
- 190 Cooper, G. P., **G. N. Washburn**. 1949. Relation of dissolved oxygen to winter mortality of fish in Michigan lakes. *Transactions of the American Fisheries Society* 76:23-33.
- 197 **Washburn, G. N.** 1949. The toxicity of DDT to the eastern brook trout, *Salvelinus f. fontinalis* (Mitchill). *Papers of the Michigan Academy of Science, Arts, and Letters* 33:181-192.

**WATERS, T. F.**

- 292 **Waters, T. F.** 1957. The effects of lime application to acid bog lakes in northern Michigan. *Transactions of the American Fisheries Society* 86:329-344.
- 296 **Waters, T. F.**, R. C. Ball. 1957. Lime application to a soft-water unproductive lake in northern Michigan. *The Journal of Wildlife Management* 21(4):385-391.
- 311 **Waters, T. F.** 1960. The development of population estimate procedures in small trout lakes. *Transactions of the American Fisheries Society* 89:287-294.

**WAYBRANT, J.**

- 544 Hayes, D., E. Baker, R. Bednarz, D. Borgeson, Jr., J. Braunscheidel, J. Breck, M. Bremigan, A. Harrington, R. Hay, R. Lockwood, A. Nuhfer, J. Schneider, P. Seelbach, **J. Waybrant**, T. Zorn. 2003. Developing a standardized sampling program: the Michigan experience. *Fisheries* 28(7):18-25.

**WAYBRANT, R. C.**

- 405 Hamelink, J. L., **R. C. Waybrant**, R. C. Ball. 1971. A proposal: exchange equilibria control the degree chlorinated hydrocarbons are biologically magnified in lentic environments. Transactions of the American Fisheries Society 100(2):207-214.

**WEDGE, L. R.**

- 508 Rand, P. S., D. J. Stewart, P. W. Seelbach, M. L. Jones, **L. R. Wedge**. 1993. Modeling steelhead population energetics in Lakes Michigan and Ontario. Transactions of the American Fisheries Society 122:977-1001.

**WEHRLY, K. E.**

- 535 **Wehrly, K. E.**, Wiley, M. J., Seelbach, P. W. Classifying regional variation in thermal regime based on stream fish community patterns. 2003. Transactions of the American Fisheries Society 132: 18-38.
- 545 Wiley, M. J., P. W. Seelbach, **K. Wehrly**, J. S. Martin. 2002. Regional ecological normalization using linear models: a meta-method for scaling stream assessment indicators. Pages 201-223 in T. P. Simon, editor. Biological response signatures: indicator patterns using aquatic communities. CRC press, Boca Raton, Florida.
- 554 Baker, E. A., **K. E. Wehrly**, P. W. Seelbach, L. Wang, M. J. Wiley, and T. Simon. 2005. A multimetric assessment of stream condition in the Northern Lakes and Forests ecoregion using spatially explicit statistical modeling and regional normalization. Transactions of the American Fisheries Society 134:697-710.
- 560 Horne, B. D., E. S. Rutherford, and **K. E. Wehrly**. 2004. Simulating effects of hydro-dam alteration on thermal regime and wild steelhead recruitment in a stable-flow Lake Michigan tributary. River Research and Applications 20:185–203.
- 577 Seelbach, P. W., M. J. Wiley, M. E. Baker, and **K. E. Wehrly**. 2006. Initial classification of river valley segments across Michigan's Lower Peninsula. American Fisheries Society Symposium 48:25–48.
- 579 **Wehrly, K. E.**, M. J. Wiley, and P. W. Seelbach. 2006. Influence of landscape features on summer water temperatures in lower Michigan streams. American Fisheries Society Symposium 48:113–127.
- 635 **Wehrly, K. E.**, L. Wang, and M. Mitro. 2007. Field-based estimates of thermal tolerance limits for trout: incorporating exposure time and temperature fluctuation. Transactions of the American Fisheries Society 136:365–374.
- 652 McCauley, S. J., and **K. E. Wehrly**. 2007. Zebra mussel, *Dreissena polymorpha* (Pallas), attachment to odonata larvae. Odonatologica 36:63–69.
- 704 Lyons, J., T. Zorn, J. Stewart, P. Seelbach, **K. Wehrly**, and L. Wang. 2009. Defining and characterizing coolwater streams and their fish assemblages in Michigan and Wisconsin, USA. North American Journal of Fisheries Management 29:1130-1151.

- 710    **Wehrly, K. E.**, T. O. Brenden, and L. Wang. 2009. A comparison of statistical approaches for predicting stream temperatures across heterogeneous landscapes. *Journal of the American Water Resources Association* 45 (4):986-997.
- 732    Wang, L., **K. Wehrly**, J. E. Breck, and L. Szabo Kraft. 2010. Landscape-based assessment of human disturbance for Michigan lakes. *Environmental Management* 46:471-483.
- 774    **Wehrly, K. E.**, J. E. Breck, L. Wang, and L. Szabo-Kraft. 2012. A landscape-based classification of fish assemblages in sampled and unsampled lakes. *Transactions of the American Fisheries Society* 141(2):414-425.
- 775    **Wehrly, K. E.**, J. E. Breck, L. Wang, and L. Szabo-Kraft. 2012. Assessing local and landscape patterns of residential shoreline development in Michigan lakes. *Lake and Reservoir Management* 28(2):158-169.
- 840    Wang, L., C. M. Riseng, L. A. Mason, **K. E. Wehrly**, E. S. Rutherford, J. E. McKenna, Jr., C. Castiglione, L. B. Johnson, D. M. Infante, S. Sowa, M. Robertson, J. Schaeffer, M. Khouri, J. Gaiot, T. Hollenhorst, C. Brooks, and M. Coscarelli. 2015. A spatial classification and database for management, research, and policy making: the Great Lakes aquatic habitat framework. *Journal of Great Lakes Research* 41:584-596.
- 848    Goodspeed, R., C. Riseng, **K. Wehrly**, W. Yin, L. Mason, and B. Schoenfeldt. 2016. Applying design thinking methods to ecosystem management tools: creating the Great Lakes Aquatic Habitat Explorer. *Marine Policy* 69:134-145.
- 884    Forsyth, D. K., C. M. Riseng, **K. E. Wehrly**, L. A. Mason, J. Gaiot, T. Hollenhorst, C. M. Johnston, C. Wyrzkowski, G. Annis, C. Castiglione, K. Todd, M. Robertson, D. M. Infante, L. Wang, J. E. McKenna, and G. Whelan. 2016. The Great Lakes hydrography dataset: Consistent, binational watersheds for the Laurentian Great Lakes Basin. *Journal of the American Water Resources Association* 1-21. doi: 10.1111/1752-1688.12435.

**WEIGEL, B. W.**

- 575    Wang, L., **B. W. Weigel**, P. Kanehl, and K. Lohman. 2006. Influence of riffle and snag habitat specific sampling on stream macroinvertebrate assemblage measures in bioassessment. *Environmental Monitoring and Assessment* 119:245–273.
- 584    **Weigel, B. M.**, J. Lyons, P. W. Rasmussen, and L. Wang. 2006. Relative influence of environmental variables at multiple spatial scales on fishes in Wisconsin's warmwater nonwadeable rivers. *American Fisheries Society Symposium* 48:493–511.

**WELLENKAMP, W.**

- 841    **Wellenkamp, W.**, J. X. He, and D. Vernocke. 2015. Using maxillae to estimate ages of Lake Trout. *North American Journal of Fisheries Management* 35(2):296-301.

**WESANDER, D. L.**

- 835    O'Keefe, D. M., **D. L. Wesander**, and C. Oh. 2015. Factors influencing charter fishing effort trends in Lake Huron. *Fisheries* 40(5):214-221.

**WESTERMAN, F. A.**

- 123    **Westerman, F. A.** 1943. Michigan "creates" trout lakes. *Michigan Conservation* 12(6):8,9.
- 135    **Westerman, F. A.**, P. I. Tack, A. S. Hazzard. 1943. Michigan's program to encourage wider utilization of the less popular varieties of fish. *Transactions of the Eighth North American Wildlife Conference* 1943:251-259.
- 142    **Westerman, F. A.**, A. S. Hazzard. 1945. For better fishing. *Michigan Conservation*, July, August, September and October 1945, Vol. 14, No. 7, 8, 9, and 10; July, pp. 6 and 7; August, pp. 6-8; September, pp. 6-9; October, pp. 6-9.
- 237    **Westerman, F. A.** 1952. Spring bluegill fishing. *the Michigan Conservation* 21(4):8-9.

**WESTERS, H.**

- 441    **Westers, H.** 1978. Biological considerations in hatchery design for coolwater fishes. *American Fisheries Society Special Publication* 11:246-253.
- 483    **Westers, H.** 1987. Feeding levels for fish fed formulated diets. *The Progressive Fish-Culturist* 49:87-92.
- 495    **Westers, H.** 1989. The use of pure oxygen to remove nitrogen gas and oxygenate fish culture rearing water. *Aquaculture* 1989.

**WHALLS, M. J.**

- 271    Shetter, D. S., **M. J. Whalls**, O. M. Corbett. 1954. The effect of changed angling regulations on a trout population of the Au Sable River. *Transactions of the Nineteenth North American Wildlife Conference*, March 8, 9, and 10, 1954, pages 222-238.
- 274    Shetter, D. S., **M. J. Whalls**. 1955. Effect of impoundment on water temperatures of Fuller Creek, Montmorency County, Michigan. *The Journal of Wildlife Management* 19(1):47-54.
- 280    **Whalls, M. J.**, K. E. Proshek, D. S. Shetter. 1955. A new two-way fish trap for streams. *The Progressive Fish-Culturist* 17(3):103-109.
- 293    **Whalls, M. J.**, D. S. Shetter, J. E. Vondett. 1957. A simplified rotary fish screen and an automatic water gate. *Transactions of the American Fisheries Society* 86:371-380.

**WHELAN, G. E.**

- 492    Seelbach, P. W., **G. E. Whelan**. 1989. Identification and contribution of wild and hatchery steelhead stocks in Lake Michigan tributaries. *the Transactions of the American Fisheries Society* 117:444-451.
- 538    Hayes, D. B., W. W. Taylor, M. T. Drake, S. M. Marod, **G. E. Whelan**. 1998. The value of headwaters to brook trout (*Salvelinus fontinalis*) in the Ford River, Michigan, USA. *Headwaters: Water Resources and Soil Conservation. Proceedings of Headwater '98, the Fourth International Conference on Headwater Control*. Chapter 16, pp. 175-185.

- 552 Barnes, M. E., and **G. E. Whelan**. 2004. Visitor policies and practices at public trout and salmon hatcheries in North America. *Fisheries* 29(10):16–21.
- 644 **Whelan, G. E.**, and J. E. Johnson. 2004. Successes and failures of large-scale ecosystem manipulation using hatchery production: the upper Great Lakes Experience. *American Fisheries Society Symposium* 44:3–32.  
\*\* Note: book publication date is February 2005
- 645 **Whelan, G. E.** 2004. A historical perspective on the philosophy behind the use of propagated fish in fisheries management: Michigan's 130-year experience. *American Fisheries Society Symposium* 44:307–315.  
\*\* Note: book publication date is February 2005
- 768 Loch, T. P., K. Scribner, R. Tempelman, **G. Whelan**, and M. Faisal. 2012. Bacterial infections of Chinook salmon, *Oncorhynchus tshawytscha* (Walbaum), returning to gamete collecting weirs in Michigan. *Journal of Fish Diseases* 35:39-50.
- 818 Trushenski, J., L. Blankenship, J. Bowker, T. Flagg, J. Hesse, K. Leber, K. Lorenzen, D. MacKinlay, D. Maynard, C. Moffitt, V. Mudrak, K. Scribner, S. Stuewe, J. Sweka, **G. Whelan**, and C. Young-Dubovsky. 2014. AFS completes assessment, issues new guidance regarding hatchery operation and the use of hatchery-origin fish. *Fisheries* 39(11):543-547.
- 837 Scribner, K., P. Howell, M. Thomas, K. Smith, P. Hanchin, M. Wolgamood, and **G. Whelan**. 2015. Spatial genetic structure of suspected remnant and naturalized populations of Muskellunge and evidence for introgression between stocked and native strains. *Journal of Great Lakes Research* 41(4):1131-1137.
- 838 Trushenski, J. T., H. L. Blankenship, J. D. Bowker, T. A. Flagg, J. A. Hesse, K. M. Leber, D. D. MacKinlay, D. J. Maynard, C. M. Moffitt, V. A. Mudrak, K. T. Scribner, S. F. Stuewe, J. A. Sweka, **G. E. Whelan**, and C. Young-Dubovsky. 2015. Introduction to a special section: hatcheries and management of aquatic resources (HaMAR)—considerations for use of hatcheries and hatchery-origin fish. *North American Journal of Aquaculture* 77(3):327-342.
- 846 Canale, R. P., **G. Whelan**, A. Switzer, and E. Eisch. 2016. A bioenergetic approach to manage production and control phosphorus discharges from a salmonid hatchery. *Aquaculture* 451:137-146.
- 852 Scribner, K. T., W. H. Lowe, E. Landguth, G. Luikart, D. M. Infante, **G. E. Whelan**, and C. C. Muhlfeld. 2016. Applications of genetic data to improve management and conservation of river fishes and their habitats. *Fisheries* 41(4):174-188.
- 870 Canale, R. P., and **G. Whelan**. 2014. Validation of a bio-energetic model for juvenile salmonids using growth data from a production-scale feeding study. *Aquaculture* 433:201-207.
- 884 Forsyth, D. K., C. M. Riseng, K. E. Wehrly, L. A. Mason, J. Gaiot, T. Hollenhorst, C. M. Johnston, C. Wyrzkowski, G. Annis, C. Castiglione, K. Todd, M. Robertson, D. M. Infante, L. Wang, J. E. McKenna, and **G. Whelan**. 2016. The Great Lakes hydrography dataset: Consistent, binational watersheds for the Laurentian Great Lakes Basin. *Journal of the American Water Resources Association* 1-21. doi: 10.1111/1752-1688.12435.

**WILEY, M. J.**

- 527 Zorn, T. G., P. W. Seelbach, **M. J. Wiley**. 2002. Distributions of stream fishes and their relationship to stream size and hydrology in Michigan's Lower Peninsula. *Transactions of the American Fisheries Society* 131: 70-85.
- 528 Baker, M. E., **M. J. Wiley**, P. W. Seelbach. 2001. GIS-based hydrologic modeling of Riparian areas: Implications for stream water quality. *Journal of the American Water Resources Association* 37, 6: 1615-1628.
- 535 Wehrly, K. E., **M. J. Wiley**, P. W. Seelbach. 2003. Classifying regional variation in thermal regime based on stream fish community patterns. *Transactions of the American Fisheries Society* 132:18-38.
- 545 **Wiley, M. J.**, P. W. Seelbach, K. Wehrly, J. S. Martin. 2002. Regional ecological normalization using linear models: a meta-method for scaling stream assessment indicators. Pages 201-223 in T. P. Simon, editor. *Biological response signatures: indicator patterns using aquatic communities*. CRC press, Boca Raton, Florida.
- 554 Baker, E. A., K. E. Wehrly, P. W. Seelbach, L. Wang, **M. J. Wiley**, and T. Simon. 2005. A multimetric assessment of stream condition in the Northern Lakes and Forests ecoregion using spatially explicit statistical modeling and regional normalization. *Transactions of the American Fisheries Society* 134:697-710.
- 555 Wang, L., J. Lyons, P. Rasmussen, P. Seelbach, T. Simon, **M. Wiley**, P. Kanehl, E. Baker, S. Niemela, and P. M. Stewart. 2003. Watershed, reach, and riparian influences on stream fish assemblages in the Northern Lakes and Forest Ecoregion, U.S.A. *Canadian Journal of Fisheries and Aquatic Science* 60:491–505.
- 577 Seelbach, P. W., **M. J. Wiley**, M. E. Baker, and K. E. Wehrly. 2006. Initial classification of river valley segments across Michigan's Lower Peninsula. *American Fisheries Society Symposium* 48:25–48.
- 579 Wehrly, K. E., **M. J. Wiley**, and P. W. Seelbach. 2006. Influence of landscape features on summer water temperatures in lower Michigan streams. *American Fisheries Society Symposium* 48:113–127.
- 581 Infante, D. M., **M. J. Wiley**, and P. W. Seelbach. 2006. Relationships among channel shape, catchment characteristics, and fish in lower Michigan streams. *American Fisheries Society Symposium* 48:339–357.
- 583 Zorn, T. G., and **M. J. Wiley**. 2006. Influence of landscape characteristics on local habitat and fish biomass in streams of Michigan's Lower Peninsula. *American Fisheries Society Symposium* 48:375–393.
- 585 Riseng, C. M., **M. J. Wiley**, R. J. Stevenson, T. G. Zorn, and P. W. Seelbach. 2006. Comparison of coarse versus fine scale sampling on statistical modeling of landscape effects and assessment of fish assemblages of the Muskegon River, Michigan. *American Fisheries Society Symposium* 48:555–575.
- 611 Baker, M. E., **M. J. Wiley**, P. W. Seelbach, and M. L. Carlson. 2003. A GIS model of subsurface water potential for aquatic resource inventory, assessment, and environmental management. *Environmental Management* 32:706–719.

- 654 Brenden, T. O., L. Wang, P. W. Seelbach, R. D. Clark, Jr., **M. J. Wiley**, and B. L. Sparks-Jackson. 2008. A spatially constrained clustering program for river valley segment delineation from GIS digital river networks. *Environmental Modelling & Software* 23:638–649.
- 664 Wang, L., T. Brenden, P. Seelbach, A. Cooper, D. Allan, R. Clark, Jr., and **M. Wiley**. 2008. Landscape based identification of human disturbance gradients and reference conditions for Michigan streams. *Environmental Monitoring and Assessment* 141:1–17.
- 734 Zorn, T. G., and **M. J. Wiley**. 2010. Influence of sampling extent on the relative importance of biotic and abiotic factors in explaining variation in stream fish density. Pages 487-502 in D. Jackson and K. Gido, editors. *Community ecology of stream fishes: concepts, approaches, and techniques*. American Fisheries Society, Symposium 73, Bethesda, Maryland.
- 757 Zorn, T. G., P. W. Seelbach, and **M. J. Wiley**. 2011. Developing user-friendly habitat suitability tools from regional stream fish survey data. *North American Journal of Fisheries Management* 31:41-55.
- 826 Esselman, P. C., R. J. Stevenson, F. Lupi, C. M. Riseng, and **M. J. Wiley**. 2015. Landscape prediction and mapping of game fish biomass, and ecosystem service of Michigan rivers. *North American Journal of Fisheries Management* 35(2):302-320.

**WILKINSON, J. T.**

- 48 Michigan Conservation, June 1938, Vol. 7, No. 10 contains the following articles:  
J. W. Leonard, When a fish and a burr collide (page 3);  
H. van der Schalie, Hitch-hiking mussels and pearl buttons (pages 4, 5, 11);  
W. F. Carbine, Tricks to know about the lowly fish-worm (pages 6, 10);  
C. J. D. Brown, The Montana grayling in Michigan (pages 7, 9);  
A. S. Hazzard, R. W. Eschmeyer, How really expert is an expert fisherman? (p. 8);  
D. S. Shetter, Fish inventory means counting job (pages 8, 10);  
R. W. Eschmeyer, Two x two doesn't always equal four (page 10);  
**J. T. Wilkinson**, Hunt ways to reduce trout food costs (page 11).
- 75 **Wilkinson, J. T.** 1939. Notes on the use of supplements for fresh meat in the propagation of brook, rainbow and brown trout in Michigan. *Transactions of the American Fisheries Society* 68:96-117.

**WILLFORD, W. A.**

- 423 Laarman, P. W., **W. A. Willford**, J. R. Olson. 1976. Retention of mercury in the muscle of yellow perch (*Perca flavescens*) and rock bass (*Ambloplites rupestris*). *Transactions of the American Fisheries Society* 105(2):296-300.

**WILLIAMS, J. E.**

- 179 **Williams, J. E.** 1948. The muskellunge in Michigan. *Michigan Conservation* 17(10):10, 11, 15.
- 228 **Williams, J. E.** 1951. The lake sturgeon. *Michigan Conservation* 20(6):15-24.

- 233 Michigan Conservation, 1952, Vol. 21, No. 2 contains the following articles:  
**J. E. Williams, J. E.** 1952. Northern pike management (pages 5-7);  
E. L. Cooper, The North Branch Story (pages 8-11).
- 238 **Williams, J. E.** 1952. Homing behavior of the painted turtle and muskturtle in a lake. Copeia 1952(2):76-82.
- 267 DeBoer, M. J., **J. E. Williams**. 1954. Meet Mr. Musky. Michigan Conservation 23(4):12-16.
- 336 **Williams, J. E.** 1961. The western lesser siren in Michigan. Copeia 1961(3):355.
- 374 Beyerle, G. B., **J. E. Williams**. 1967. Attempted control of bluegill reproduction in lakes by the application of copper sulfate crystals to spawning nests. The Progressive Fish-Culturist 29(3):150-155.
- 384 Beyerle, G. B., **J. E. Williams**. 1968. Some observations of food selectivity by northern pike in aquaria. Transactions of the American Fisheries Society 97(1):28-31.
- 413 Beyerle, G. B., **J. E. Williams**. 1973. Contribution of northern pike fingerlings raised in a managed marsh to the pike population of an adjacent lake. The Progressive Fish-Culturist 35(2):99-103.

**WILLISTON, B.**

- 591 Fitzsimons, J. D., **B. Williston**, G. Williston, G. Bravener, J. L. Jonas, R. M. Claramunt, J. E. Marsden, and B. J. Ellrott. 2006. Laboratory estimates of salmonine egg predation by round gobies (*Neogobius melanostomus*), sculpins (*Cottus cognatus* and *C. bairdi*), and crayfish (*Orconectes propinquus*). Journal of Great Lakes Research 32:227–241.
- 674 Fitzsimons, J. D., J. L. Jonas, R. M. Claramunt, **B. Williston**, G. Williston, J. E. Marsden, B. J. Ellrott, and D. C. Honeyfield. 2007. Influence of egg predation and physical disturbance on lake trout *Salvelinus namaycush* egg mortality and implications for life-history theory. Journal of Fish Biology 71(1):1-16.

**WILLISTON, G.**

- 591 Fitzsimons, J. D., B. Williston, **G. Williston**, G. Bravener, J. L. Jonas, R. M. Claramunt, J. E. Marsden, and B. J. Ellrott. 2006. Laboratory estimates of salmonine egg predation by round gobies (*Neogobius melanostomus*), sculpins (*Cottus cognatus* and *C. bairdi*), and crayfish (*Orconectes propinquus*). Journal of Great Lakes Research 32:227–241.
- 674 Fitzsimons, J. D., J. L. Jonas, R. M. Claramunt, B. Williston, **G. Williston**, J. E. Marsden, B. J. Ellrott, and D. C. Honeyfield. 2007. Influence of egg predation and physical disturbance on lake trout *Salvelinus namaycush* egg mortality and implications for life-history theory. Journal of Fish Biology 71(1):1-16.

**WILLS, T. C.**

- 595 **Wills, T. C.**, E. A. Baker, A. J. Nuhfer, and T. G. Zorn. 2006. Response of the benthic macroinvertebrate community in a northern Michigan stream to reduced summer streamflows. River Research and Applications 22:819–836.

- 624    **Wills, T. C.**, M. T. Bremigan, and D. B. Hayes. 2004. Variable effects of habitat enhancement structures across species and habitats in Michigan reservoirs. *Transactions of the American Fisheries Society* 133:399–411.
- 777    Zorn, T. G., and **T. C. Wills**. 2012. A reconnaissance survey of the effects of sediment traps on Michigan streams. *North American Journal of Fisheries Management* 32(5):1005–1016.
- 814    Nuhfer, A. J., **T. C. Wills**, and T. G. Zorn. 2014. Changes to a Brown Trout population after introducing steelhead in a Michigan stream. *North American Journal of Fisheries Management* 34(2):411–423.
- 831    Nuhfer, A. J., T.G. Zorn, and **T. C. Wills**. 2015. Effects of reduced summer flows on the brook trout population and temperatures of a groundwater-influenced stream. *Ecology of Freshwater Fish*.

**WILSON, I. T.**

- 141    **Wilson, I. T.** 1945. A study of the sediment in Douglas Lake, Cheboygan County, Michigan. *Papers of the Michigan Academy of Science, Arts, and Letters* 30:391–419.

**WIPFLI, M. S.**

- 572    LeSage, C. M., R. W. Merritt, and **M. S. Wipfli**. 2005. Headwater riparian invertebrate communities associated with red alder and conifer wood and leaf litter in Southeastern Alaska. *Northwest Science* 79(4):218–232.

**WOJTALIK, T. A.**

- 343    Ball, R. C., **T. A. Wojtalik**, F. F. Hooper. 1963. Upstream dispersion of radiophosphorus in a Michigan trout stream. *Papers of the Michigan Academy of Science, Arts, and Letters* 48:57–64.

**WOLDT, A. P.**

- 549    Johnson, J. E., J. X. He, **A. P. Woldt**, M. P. Ebener, and L. C. Mohr. 2004. Lessons in rehabilitation stocking and management of lake trout in Lake Huron. *the American Fisheries Society Symposium* 44:161–175.

- 642    Adlerstein, S. A., E. S. Rutherford, J. A. Clevenger, J. E. Johnson, D. F. Clapp, and **A. P. Woldt**. 2007. Lake trout movements in U.S. waters of Lake Huron interpreted from coded wire tag recoveries in recreational fisheries. *Journal of Great Lakes Research* 33:186–201.

**WOLFERT, D. F.**

- 379    Wolfert, D. R., V. C. Applegate, L. N. Allison. 1967. Infection of the walleye, *Stizostedion vitreum*, of western Lake Erie with *Bothriocephalus cuspidatus* (Cooper). *Papers of the Michigan Academy of Science, Arts, and Letters* 52:105–114.

**WOLGAMOOD, M.**

- 529 Schneider, J.C., J. Copeland, **M. Wolgamood**. 2002. Tolerance of incubating walleye eggs to temperature fluctuation. North American Journal of Aquaculture 64: 75-78.
- 609 Jonas, J. L., P. J. Schneeberger, D. F. Clapp, **M. Wolgamood**, G. Wright, and B. Lasee. 2002. Presence of the BKD-causing bacterium *Renibacterium salmoninarum* in lake whitefish and bloater in the Laurentian Great Lakes. Archiv. fur Hydrobiologie 57:447–452.
- 837 Scribner, K., P. Howell, M. Thomas, K. Smith, P. Hanchin, **M. Wolgamood**, and G. Whelan. 2015. Spatial genetic structure of suspected remnant and naturalized populations of Muskellunge and evidence for introgression between stocked and native strains. Journal of Great Lakes Research 41(4):1131-1137.

**YODER, C. T.**

- 166 **Yoder, C. T.** 1948. Use of glass minnow traps in trout streams. Michigan Conservation 17(6):6, 7, 14.

**YODER, W. G.**

- 409 **Yoder, W. G.** 1972. The spread of *Myxosoma cerebralis* into native trout populations in Michigan. The Progressive Fish-Culturist 34(2):103-106.

**ZORN, T. G.**

- 510 **Zorn, T. G.**, P. W. Seelbach. 1995. The relation between habitat availability and the short-term carrying capacity of a stream reach for smallmouth bass. North American Journal of Fisheries Management 15:773-783.
- 527 **Zorn, T.G.**, P.W. Seelbach, M.J. Wiley. 2002. Distributions of stream fishes and their relationship to stream size and hydrology in Michigan's Lower Peninsula. Transactions of the American Fisheries Society 131: 70-85.
- 544 Hayes, D., E. Baker, R. Bednarz, D. Borgeson, Jr., J. Braunscheidel, J. Breck, M. Bremigan, A. Harrington, R. Hay, R. Lockwood, A. Nuhfer, J. Schneider, P. Seelbach, J. Waybrant, **T. Zorn**. 2003. Developing a standardized sampling program: the Michigan experience. Fisheries 28(7):18-25.
- 568 Creque, S. M., E. S. Rutherford, and **T. G. Zorn**. 2005. Use of GIS-derived landscape-scale habitat features to explain spatial patterns of fish density in Michigan rivers. North American Journal of Fisheries Management 25:1411–1425.
- 583 **Zorn, T. G.**, and M. J. Wiley. 2006. Influence of landscape characteristics on local habitat and fish biomass in streams of Michigan's Lower Peninsula. American Fisheries Society Symposium 48:375–393.
- 585 Riseng, C. M., M. J. Wiley, R. J. Stevenson, **T. G. Zorn**, and P. W. Seelbach. 2006. Comparison of coarse versus fine scale sampling on statistical modeling of landscape effects and assessment of fish assemblages of the Muskegon River, Michigan. American Fisheries Society Symposium 48:555–575.

- 595 Wills, T. C., E. A. Baker, A. J. Nuhfer, and **T. G. Zorn**. 2006. Response of the benthic macroinvertebrate community in a northern Michigan stream to reduced summer streamflows. *River Research and Applications* 22:819–836.
- 638 **Zorn, T. G.**, and A. J. Nuhfer. 2007. Influences on brown trout and brook trout population dynamics in a Michigan river. *Transactions of the American Fisheries Society* 136:691–705.
- 639 **Zorn, T. G.**, and A. J. Nuhfer. 2007. Regional synchrony of brown trout and brook trout population dynamics among Michigan rivers. *Transactions of the American Fisheries Society* 136:706–717.
- 689 Reid, S. M., C. C. Wilson, L. M. Carl, and **T. G. Zorn**. 2008. Species traits influence the genetic consequences of river fragmentation on two co-occurring redhorse (*Moxostoma*) species. *Canadian Journal of Fisheries and Aquatic Sciences* 65:1892–1904.
- 690 Steen, P. J., **T. G. Zorn**, P. W. Seelbach, and J. S. Schaeffer. 2008. Classification tree models for predicting distributions of Michigan stream fish from landscape variables. *Transactions of the American Fisheries Society* 137:976–996.
- 704 Lyons, J., **T. G. Zorn**, J. Stewart, P. Seelbach, K. Wehrly, and L. Wang. 2009. Defining and characterizing coolwater streams and their fish assemblages in Michigan and Wisconsin, USA. *North American Journal of Fisheries Management* 29:1130–1151.
- 724 Kapuscinski, K. L., **T. G. Zorn**, P. J. Schneeberger, R. P. O'Neal, and B. T. Eggold. 2010. The status of Lake Michigan walleye stocks. Pages 15-70 in *Status of walleye in the Great Lakes: proceedings of the 2006 Symposium*. Great Lakes Fishery Commission Technical Report 69.
- 734 **Zorn, T. G.**, and M. J. Wiley. 2010. Influence of sampling extent on the relative importance of biotic and abiotic factors in explaining variation in stream fish density. Pages 487-502 in D. Jackson and K. Gido, editors. *Community ecology of stream fishes: concepts, approaches, and techniques*. American Fisheries Society, Symposium 73, Bethesda, Maryland.
- 757 **Zorn, T. G.**, P. W. Seelbach, and M. J. Wiley. 2011. Developing user-friendly habitat suitability tools from regional stream fish survey data. *North American Journal of Fisheries Management* 31:41–55.
- 762 Grossman, G. D., A. Nuhfer, **T. Zorn**, G. Sundin, and G. Alexander. 2012. Population regulation of brook trout (*Salvelinus fontinalis*) in Hunt Creek Michigan: a 50-year study. *Freshwater Biology* 57:1434–48.
- 772 Wang, H.-Y., D. W. Einhouse, D. G. Fielder, L. G. Rudstam, C. S. Vandergoot, A. J. VanDeValk, **T. G. Zorn**, and T. O. Höök. 2012. Maternal and stock effects on egg-size variation among walleye *Sander vitreus* stocks from the Great Lakes region. *Journal of Great Lakes Research* 38:477–489.
- 776 **Zorn, T. G.**, P. W. Seelbach, and E. S. Rutherford. 2012. A regional-scale habitat suitability model to assess the effects of flow reduction on fish assemblages in Michigan streams. *Journal of the American Water Resources Association* 48:871–895.

- 777    **Zorn, T. G.**, and T. C. Wills. 2012. A reconnaissance survey of the effects of sediment traps on Michigan streams. *North American Journal of Fisheries Management* 32(5):1005-1016.
- 814    Nuhfer, A. J., T. C. Wills, and **T. G. Zorn**. 2014. Changes to a Brown Trout population after introducing steelhead in a Michigan stream. *North American Journal of Fisheries Management* 34(2):411-423.
- 831    Nuhfer, A. J., **T.G. Zorn**, and T. C. Wills. 2015. Effects of reduced summer flows on the brook trout population and temperatures of a groundwater-influenced stream. *Ecology of Freshwater Fish*.
- 842    **Zorn, T. G.** 2015. Contribution of hatchery-reared Walleyes to populations in northern Green Bay, Lake Michigan. *North American Journal of Aquaculture* 77(3):409-422.
- 873    Carlson, A. K., W. W. Taylor, K. M. Schlee, **T. G. Zorn**, and D. M. Infante. 2015. Projected impacts of climate change on stream salmonids with implications for resilience-based management. *Ecology of Freshwater Fish*. DOI: 10.1111/eff.12267.
- 881    Feiner, Z. S., H.-Y. Wang, D. W. Einhouse, J. R. Jackson, E. S. Rutherford, C. Schelb, C. S. Vandergoot, **T. G. Zorn**, and T. O. Höök. 2016. Thermal environment and maternal effects shape egg size in a freshwater fish. *Ecosphere* 7(5):e01304. doi: 10.1002/ecs2.1304.
- 882    Feringa, M., C. Huckins, W. Mattes, E. Baker, **T. Zorn**, J. Littlefield, and K. Scribner. 2016. Genetic and phenotypic evidence for splake presence in brook trout and lake trout spawning habitats. *Journal of Great Lakes Research* 42:738-742.