

Biographical Sketch: James F. Kitchell (Kitchell@wisc.edu)

Education

B.S, 1964 (Biology) Ball State Teachers College; Ph.D., 1970 (Biology), Univ. Colorado-Boulder; Postdoctoral Associate, 1970-74, Univ. of Wisconsin-Madison.

Appointments:

Director, Center for Limnology (2000-2009)
Associate Director, Center for Limnology (1985-2000);
Department of Zoology, University of Wisconsin, Madison; Assistant Professor (1974-77),
Associate Professor (1977-82), Professor (1982-2010), Professor Emeritus (2010-present)

Service:

Science Advisor, Grand Canyon Monitoring and Research Center (2000-present);
Member, NRC Board on Environmental Studies and Toxicology (1999-02),
Coordinator, Living Resources Program, Univ. Wisconsin Sea Grant (1981-2000);
National Marine Fisheries Service Ecosystem Principles Advisory Panel (1997-99);
President, Association of Ecosystem Research Centers (1994-95)

Awards:

1995: A. D. Hasler Professor of Zoology, UW Graduate School (1995-present)
2003: Award of Excellence in Career Achievement, American Fisheries Society
2010: Lifetime Achievement Award, American Society of Limnology and
Oceanography

Graduate and Postdoctoral Advisor

Thesis Advisor: MS = 19, PhD = 19, Total since 1974 = 38
Postdoctoral Associates: Total since 1974 = 18

Representative Publications: (198 total)

Carpenter, S. R., J. J. Cole, J. F. Kitchell and M. L. Pace. 2010. Trophic cascades in lakes: Lessons and prospects. Pages 55-70 *In Trophic Cascades*, J. Terborgh and J. Estes (eds.), Island Press, Washington DC. 464 pages.

Pine, W. E., C. J. Walters, S. J. D. Martell, and J. F. Kitchell. 2009. Counterintuitive responses of fish populations to management: some common causes and implications for predictions based on ecosystem modeling. *Fisheries* 34:165-180.

Kitchell, J. F., and G. G. Sass. 2008. Great Lakes ecosystems: Invasions, food web dynamics and the challenge of ecological restoration. Pages 157-170. *In* D. Waller and T. Rooney (eds.). *Ecological History of Wisconsin*. Univ. Chicago Press, Chicago IL.

- Hartman, K. J., and J. F. Kitchell. 2008. Bioenergetics modeling progress since the 1992 symposium. *Trans. Amer. Fish. Soc.*, 137:216-223.
- Weidel, B.C, S.R. Carpenter, J.J. Cole, J.R. Hodgson, J.F. Kitchell, M.L. Pace and J.T. Solomon. 2008. Carbon sources supporting fish growth in a north temperate lake. *Aquatic Sciences* 70: 347-360.
- Sass, G. G., J. F. Kitchell, S. R. Carpenter, T. R. Hrabik, A. Sugden-Newberry and M. G. Turner. 2006. Fish community and food web responses to a whole-lake removal of coarse woody habitat. *Fisheries* 26:321-330.
- Kitchell, James F., S. J. D. Martell, C. J. Walters, O. P. Jensen, I. C. Kaplan, J. R. Watters, T. E. Essington and C. H. Boggs. 2006. Billfishes in an ecosystem context. *Bull. Mar. Sci.* 79:669-682.
- Jensen, O. P., T. R. Hrabik, S. J. D. Martell, C. J. Walters and J. F. Kitchell. Diel migration in the Lake Superior pelagic community. 2006. II. Modeling trade-offs at an intermediate trophic level. *Can. J. Fish. Aquat. Sci.* 63:2296-2307.
- Jorgensen, J. C. and J. F. Kitchell. 2005. Sea lamprey (*Petromyzon marinus*) size trends in a salmonid stocking context in Lake Superior. *Can. J. Fish. Aquat. Sci.* 62:2354-2361.
- Kitchell, J. F., I. Kaplan, S. P. Cox, S. J. D. Martell, T. E. Essington, C. H. Boggs and C. J. Walters. 2004. Ecological and economic components of alternative fishing methods to reduce by-catch of marlin in a tropical pelagic ecosystem. *Bull. Mar. Sci.* 74(3):607-619.
- Pace, M. L. J. J. Cole, S. R. Carpenter, J. F. Kitchell, J. R. Hodgson, M. Van de Bogert, D. L. Bade, E. S. Kritzberg and D. Bastviken. 2004. Whole lake carbon-13 additions reveal terrestrial support of aquatic food webs. *Nature* 427:240-243.
- Harvey, C.J., P.C. Hanson, T.E. Essington, P.B. Brown, and J.F. Kitchell. 2002. Using bioenergetics models to predict stable isotope ratios in fishes. *Canadian Journal of Fisheries and Aquatic Sciences* 59:115-124.
- Walters, C. J., and J. F. Kitchell. 2001. Cultivation/depensation effects on juvenile survival and recruitment. *Can. J. Fish. Aquat. Sci.* 58:39-50.
- Kitchell, J. F., S. P. Cox, C. J. Harvey, T. B. Johnson, D. M. Mason, K. K. Schoen, K. Aydin, C. Bronte, M. Ebener, M. Hansen, M. Hoff, S. Schram, D. Schreiner and C. J. Walters. 2000. Sustainability of the Lake Superior fish community: Interactions in a food web context. *Ecosystems* 3:545-560.
- Kitchell, J. F., D. E. Schindler, B. R. Herwig, D. M. Post, M. H. Olson and M. Oldham. 1999. Nutrient cycling at the landscape scale: The role of diel foraging migrations by geese at the Bosque del Apache Wildlife Refuge, New Mexico. *Limnology and Oceanography* 44:828-836.
- Kitchell, J. F. 1998. Physiological ecology. Pages 164-198 *In* S.I. Dodson (ed.), *Ecology*. Oxford Univ. Press. 434 p.
- Kitchell, J. F., D. E. Schindler, R. Ogutu-Ohwayo and P. M. Reinthal. 1997. The Nile perch in Lake Victoria: interactions between predation and fisheries. *Ecol. Appl.* 7: 653-664.
- Carpenter, S.R., and J.F. Kitchell (eds.). 1993. *The Trophic Cascade in Lakes*. Cambridge Univ. Press, Cambridge, England. 385 p.
- Kitchell, J.F. (ed.). 1992. *Food Web Management: A Case Study of Lake Mendota*. Springer-Verlag, New York. 553 p.