

**Presentations of the Mid-Continent Ecology Division  
May through October 2008**

1. Angradi, T.R., D.W. Bolgrien, M.S. Pearson, T.M. Jicha, D.L. Taylor, M.F. Moffett, and B.H. Hill. Using stressor gradients to determine reference expectations for great river fish assemblages. *Annual Meeting of American Fisheries Society, Western Division, Portland, OR, May 4-9, 2008*. 5043
2. Cook, P.M. Can amphibole fibers/particles contribute to mesothelioma and other asbestos related diseases in northeast Minnesota? *Minnesota Dept. of Public Health, St. Paul, MN, June 17, 2008*. 5044
3. Diamond, S.A. Ecological toxicology of nanomaterials: EPA's research needs. *Mid-South SETAC Regional Meeting, Vicksburg, MS, May 14-16, 2008*. 4998
4. Hill, B.H., T.R. Angradi, D.W. Bolgrien, T.M. Jicha, M.F. Moffett, M.S. Pearson, E.D. Reavie, and D.L. Taylor. Ecological conditions in the Missouri, Mississippi, and Ohio Rivers: From microbes to fish. *American Fisheries Society Meeting, Western Division, Portland, OR, May 4-9, 2008*. 4946
5. Hill, B.H., T.M. Jicha, A.T. Herlihy, D.W. Bolgrien, and S.G. Paulsen. The use of survey data to estimate nutrient export in the Mississippi River basin. *56th Annual Meeting of the North American Benthological Society, Salt Lake City, UT, May 25-30, 2008*. 4930
6. Hill, B.H., T.M. Jicha, A. Herlihy, D.W. Bolgrien, and S. Paulsen. The use of survey data to estimate nutrient export in the Mississippi River Basin. *Minnesota Water Resources Conference, Saint Paul, MN, October 27-28, 2008*. 4976
7. Hoffman, J.C., G.S. Peterson, A.M. Cotter, and J.R. Kelly. Identifying energy sources supporting coastal fish: Spatial differences revealed by stable isotope ratios. *138th Annual American Fisheries Society Meeting, Ottawa, ON, Canada, August 17-21, 2008*. 4940
8. Kelly, J.R. Great Lakes survey for national coastal assessment. *2010 National Coastal Assessment Survey Workshop, San Antonio, TX, June 10-11, 2008*. 5032
9. Kreis, R.G., J.J. Pauer, and D.H. Miller. Lake Michigan eutrophication and invasive species modeling: results and application. *Predicting Impacts of Invasive Species on Food Webs in Lake Michigan Workshop, USEPA Region 5 Headquarters, Chicago, IL, June 3-4, 2008*. 5034
10. Martyniuk, C.J., S. Alvarez, S. McClung, D.L. Villeneuve, G.T. Ankley, and N.D. Denslow. Quantitative proteomic profiles for androgen signaling in the liver of fathead minnows. *Sixth International Symposium on Fish Endocrinology, Calgary, AB, Canada, June 22-26, 2008*. 4957
11. Norberg-King, T.J. Applying toxicity identification procedures to sediments. *Special Session: Toxicity Testing: Monitoring, Control and Rehabilitation; EnviroAnalysis 2008, 7<sup>th</sup> Biennial Conference on Monitoring and Measurement of the Environment, Toronto, ON, Canada, June 23-25, 2008*. 5057

12. Norberg-King, T.J. Using aquatic toxicity tests as analytical tools. *Special Session: Toxicity Testing: Monitoring, Control and Rehabilitation; EnviroAnalysis 2008, 7<sup>th</sup> Biennial Conference on Monitoring and Measurement of the Environment, Toronto, ON, Canada, June 23-25, 2008*. 4996
13. Peterson, G.S., J.C. Hoffman, A.S. Trebitz, C.W. West, and J.R. Kelly. Early detection monitoring for invasive fish: St. Louis River (SLR) pilot study. *Minnesota Invasive Species Conference 2008, Duluth, MN, October 26-28, 2008*. 4999
14. Russom, C.L. The ECOTOX database: Historical overview. *"Webinar" from MED to NOAA staff at the National Ocean Service, Hazardous Materials Response Division, Seattle, WA, June 11, 2008*. 5027
15. Scharold, J.V., E.M. Pilgrim, J.A. Darling, and J. Kelly. Genetic diversity of the amphipod *Diporeia* spp. in Lake Superior. *Ecological Society of America Meeting, Milwaukee, WI, August 3-8, 2008*. 4958
16. Serrano, J.A. Identification of protein biomarkers in plasma of model aquatic species exposed to endocrine disruptors by state-of-the-art proteomic, bioinformatic and computational approaches. *7<sup>th</sup> Annual Mathematical Science Symposium, NRRI, University of Minnesota, Duluth, MN, June 22, 2008*. 5005
17. Taylor, D.L., M.S. Pearson, T.R. Angradi, D.W. Bolgrien, B.H. Hill, T.M. Jicha, and M.F. Moffett. Home on the Big River, Part II: Great River habitat quality indices. *56th Annual Meeting of the North American Benthological Society, Salt Lake City, UT, May 25-30, 2008*. 4929
18. Taylor, D.L., M.S. Pearson, T.R. Angradi, D.W. Bolgrien, B.H. Hill, T.M. Jicha, and M.F. Moffett. Home on the big river: Great River habitat quality indices. *Minnesota Water Resources Conference, Saint Paul, MN, October 27-28, 2008*. 4985
19. Trebitz, A.S., J.R. Kelly, J.C. Hoffman, G.S. Peterson, C.W. West, and J. Van Alstine. Optimizing sampling effort for early detection of aquatic invasive species in Great Lakes harbors and embayments. *Ecological Society of America Meeting, Milwaukee, WI, August 3-8, 2008*. 4955
20. Villeneuve, D.L. Mining minnows: an integrated systems biology approach to link mode of action to ecologically-relevant outcomes. *Fifth Indo-US Workshop on Mathematical Chemistry, Natural Resources Research Institute, Duluth, MN, USA, June 22-27, 2008*. 5026
21. Vinas, N.G.R., X. Guan, D.L. Villeneuve, D. Martinovic, S.M. Brasfield, L.S. Blake, J.D. Brodin, J. Shoemaker, N.D. Denslow, G.T. Ankley, F.J. Doyle III, and E.J. Perkins. The effects of endocrine disruptors on steroidogenesis gene expression dynamics in fathead minnow. *SETAC Europe, 18th Annual Meeting, Warsaw, Poland, May 25-29, 2008*. 4917
22. West, C.W., J.R. Kelly, J.C. Hoffman, A.S. Trebitz, G.S. Peterson, and I. Grigorovich. Comparison of four sampling gears to collect invasive benthic invertebrates in the St. Louis Harbor, Duluth, MN. *56th Annual Meeting of the North American Benthological Society, Salt Lake City, UT, May 25-30, 2008*. 4923

23. West, C.W., J.R. Kelly, J.C. Hoffman, A.S. Trebitz, G.S. Peterson, and I. Grigorovich. Comparison of four sampling gears in detecting invasive invertebrates in the Duluth-Superior Harbor. *Minnesota Invasive Species Conference 2008, Duluth, MN, October 26-28, 2008*. 5000
24. Yule, D.L., O.T. Gorman, J.V. Adams, D. Bunnell, M.P. Ebener, T.R. Hrabik, and J. Kelly. Development of a new lake-wide multiple gear survey to assess status and trends of the Lake Superior fish community and lower trophic levels. *51<sup>st</sup> International Association for Great Lakes Research Conference, Peterborough, ON, Canada, May 19-23, 2008*. 4927
25. Yurista, P.M., J.R. Kelly, and S.E. Miller. Lake Superior zooplankton biomass predictions from LOPC tow surveys compare well with a probability based net survey. *51<sup>st</sup> International Association for Great Lakes Research Conference, Peterborough, ON, Canada, May 19-23, 2008*. 4924