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EDUCATION

Ph.D. Aquatic Ecology 1998. University of Notre Dame, Notre Dame, IN.

M.A. Zoology 1988. University of Montana, Missoula, MT.

B.A. Zoology, with Honors. 1983. University of Montana, Missoula, MT.

PROFESSIONAL APPOINTMENTS

Professor (2015), Department of Biological Sciences. Wright State University, Dayton, OH.

Associate Professor (September 2008-2015). Department of Biological Sciences. Wright State University, Dayton, OH.

Assistant Professor (2003-2008). Department of Biological Sciences. Wright State University, Dayton, OH.

Assistant Scientist (2002 – 2003). Natural Resources, Ecology and Management, Iowa State University, Ames, IA.

GRIL Postdoctoral Fellow (2000 –2002). Department of Biology McGill University, Montreal, Quebec, Canada.

National Science Foundation-NATO Postdoctoral Fellow (1998 –1999). National Environmental Research Institute, Denmark.

PEER REVIEWED PUBLICATIONS

Vadeboncoeur Y. and M. E. Power. Attached algae: the cryptic base of inverted trophic pyramids in fresh waters. In Press: Annual Review of Ecology, Evolution, and Systematics.

Brothers, S., **Y. Vadeboncoeur** and P. Sibly. 2017. A decline in benthic algal production may explain recent hypoxic events in Lake Erie's central basin. *Journal of Great Lakes Research*. 43:73-78.

Lukens, NR, BM Kraemer, V Constant, EJ Hamann, E Michel, AM Socci, **Y Vadeboncoeur** and PB McIntyre. 2017. Animals and their epibiota as net autotrophs: size scaling of epibiotic metabolism on snail shells. *Freshwater Science*. In Press.

Kelly, B.K., E. Mtiti, P.B. McIntyre, and **Y. Vadeboncoeur**. 2017. Nitrogen stable isotopes reveal sewage contamination of Lake Tanganyika by shoreline villages. *Environmental Management* 59:264–273.

Brothers, S., **Y. Vadeboncoeur** and P. Sibly. 2016. Benthic algae compensate for phytoplankton losses in large aquatic systems. *Global Change Biology* 22:3865-3873.

Drerup, S.A. and **Y. Vadeboncoeur**. 2016. Elevated specific conductance enhances productivity and biomass of periphytic cyanobacteria from Lake Tahoe and Lake Tanganyika. *Phycologia* 55: 295–298.

- Devlin, S.P., M.J. Vander Zanden, and **Y. Vadeboncoeur**. 2016. Littoral-benthic primary production estimates: sensitivity to simplifications with respect to periphyton productivity and basin morphometry. *Limnology and Oceanography Methods*. DOI: 10.1002/lom3.10080
- Kraemer, B.M, S. Hook, T. Huttula, P. Kotilainen, C. M. O'Reilly, A. Peltonen, P-D. Plisnier, J. Sarvala, R.Tamatamah, **Y. Vadeboncoeur**, B. Wehrli and P. B. McIntyre. 2015. Century-long changes in the thermal structure of Lake Tanganyika. *PLoS ONE* 10(7): e0134537. doi: 10.1371/journal.pone.0134537
- Kraemer, B.M., O. Anneville, S. Chandra, M. Dix, E. Kuusisto, D.M. Livingstone, A. Rimmer, G. Schladow, E. Silow, L.M. Sitoki, R. Tamatamah, **Y. Vadeboncoeur** and P. B. McIntyre. 2015. Morphometry and average temperature affect global lake stratification responses to climate change. *Geophysical Research Letters* 42: 4981-4988
- Higgins, S.N., B. Althouse, *S.P. Devlin, **Y. Vadeboncoeur**, and M.J. Vander Zanden. 2014. Potential for large-bodied zooplankton and dreissenids to alter the productivity and autotrophic structure of lakes. *Ecology* 95: 2257-2267.
- Vadeboncoeur, Y.**, *S.P. Devlin, P.B. McIntyre, and M.J. Vander Zanden. 2014. Is there light after depth? Distribution of periphyton chlorophyll and productivity in lake littoral zones. *Freshwater Science* 33:524-536.
- Devlin, S.P., M.J. Vander Zanden, and **Y. Vadeboncoeur**. 2013. Depth-specific variation in carbon isotopes demonstrates resource partitioning among the littoral zoobenthos. *Freshwater Biology* 58:2389-2400.
- Genkai-Kato, M., **Y. Vadeboncoeur**, L. Liboriussen, and E. Jeppesen. 2012. Benthic–planktonic coupling, regime shifts, and whole-lake primary production in shallow lakes. *Ecology* 93:619-631.
- Butkas, K.J., **Y. Vadeboncoeur**, and M.J. Vander Zanden. 2011. Estimating benthic invertebrate production in lakes: a comparison of methods and scaling from individual taxa to the whole-lake level. *Aquatic Sciences* 73:153–169.
- Higgins, S.N., M.J. Vander Zanden, L.N. Joppa, and **Y. Vadeboncoeur**. 2011. The effect of dreissenid invasions on chlorophyll and the chlorophyll : total phosphorus ratio in north-temperate lakes. *Canadian Journal of Fisheries and Aquatic Sciences* 319-329. (cited: 8)
- Vadeboncoeur, Y.**, P.B. McIntyre, and M. J. Vander Zanden. 2011. Borders of biodiversity: life at the edge of the world’s large lakes. *BioScience* 61:526-537.
- Vander Zanden, M.J. **Y. Vadeboncoeur**, and S. Chandra. 2011. Fish reliance on littoral-benthic resources and the distribution of primary production in lakes. *Ecosystems* 14:894-903.
- Vadeboncoeur, Y.**, G. Peterson, M.J. Vander Zanden, and J. Kalff. 2008. Benthic algal production across lake-size gradients: Interactions among morphometry, nutrients and light. *Ecology* **89**:2542-2552.
- Vander Zanden, M.J., S. Chandra, S-K Park, **Y. Vadeboncoeur**, and C. R. Goldman. 2006. The relative efficiencies of benthic and pelagic trophic pathways in a subalpine lake. *Canadian Journal of Fisheries and Aquatic Sciences*. 63:2608-2620.
- Vadeboncoeur, Y.**, J. Kalff, K. Christoffersen, and E. Jeppesen. 2006. Substratum as a driver of variation in periphyton chlorophyll and productivity in lakes. *Journal of the North American Benthological Society* 25:379-392.

- Vadeboncoeur, Y.**, Kevin S. McCann, M. Jake Vander Zanden, and Joseph B. Rasmussen. 2005. Effects of multi-chain omnivory on the strength of trophic control. *Ecosystems*. **8**: 692-683.
- Vander Zanden, M. J., **Y. Vadeboncoeur**, M. W. Diebel, and E. Jeppesen. 2005. Primary consumer stable nitrogen isotopes as indicators of nutrient source. *Environmental Science and Technology* **39**:7509-7515.
- Vander Zanden, M. J., T. E. Essington, and **Y. Vadeboncoeur**. 2005. Is pelagic top-down control in lakes augmented by benthic energy pathways? *Canadian Journal of Fisheries and Aquatic Sciences* **62**:1422-1431.
- Vadeboncoeur, Y.**, E. Jeppesen, M. J. Vander Zanden, H-H. Schierup, K. Christoffersen, and D. M. Lodge. 2003. From Greenland to green lakes: cultural eutrophication and the loss of benthic energy pathways in lakes. *Limnology and Oceanography* **48**:1408-1418.
- Vadeboncoeur, Y.**, M. J. Vander Zanden, and D. M. Lodge. 2002. Putting the lake back together: reintegrating benthic pathways into lake food web models. *BioScience* **52**: 44-55.
- Vander Zanden, M. J. and **Y. Vadeboncoeur**. 2002. Fish as integrators of benthic and pelagic food chains in lakes. *Ecology* **83**: 2152-2161.
- Vadeboncoeur, Y.**, and A.D. Steinman. 2002. Periphyton function in lake ecosystems. *Scientific World JOURNAL* **2**:1449-1468.
- Vadeboncoeur, Y.**, D. M. Lodge, and S. R. Carpenter. 2001. Whole-lake fertilization effects on the distribution of primary production between benthic and pelagic habitats. *Ecology*. **82**:1065-1077.
- Vadeboncoeur, Y.**, and D. M. Lodge. 2000. Periphyton production on wood and sediments: substratum-specific response to laboratory and whole-lake nutrient manipulations. *Journal of the North American Benthological Society* **19**: 68-81.
- Vadeboncoeur, Y.** and D. M. Lodge. 1998. Dissolved inorganic carbon sources for epipelagic algae: sensitivity of primary production estimates to spatial and temporal distribution of ¹⁴C. *Limnology and Oceanography* **43**: 1222-1226.
- Lodge, D.M., S.C. Blumenshine, and **Y. Vadeboncoeur**. 1998. Insights and application of large-scale, long-term ecological observations and experiments. In W. J. Resetarits and J. Bernardo, eds. *Issues and Perspectives in Experimental Ecology*. Oxford University Press.
- Blumenshine, S.C., **Y. Vadeboncoeur**, D.M. Lodge, K.L. Cottingham, and S.E. Knight. 1997. Benthic-Pelagic Links: responses of benthos to water-column nutrient enrichment. *Journal of the North American Benthological Society* **16**: 466-479. (cited: 80)
- Vadeboncoeur, Y.** 1994. Longitudinal dynamics of seston concentration and composition in a lake outlet stream. *Journal of the North American Benthological Society* **13**:181-189.

BOOK CHAPTERS

- Vadeboncoeur, Y.** Aquatic plants and attached algae. In: *The Encyclopedia of Inland Waters*. G.E. Likens, editor. p 52-59. Elsevier Press, Oxford UK. 2009.

REPORTS

Vadeboncoeur, Y., P.B. McIntyre, C. Apse, T. Tear and I. Kimirei. 2013. Tuungane Project Baseline Ecological Study: An Assessment of the Near-shore Biodiversity of Lake Tanganyika in Mahale Mountains National Park and Surrounding Villages. The Nature Conservancy. 61p.

PLENARY AND KEYNOTE ADDRESSES

Vadeboncoeur, Y. 2013. Paradigms of scale and the function of littoral zones in large lakes. Plenary Speaker, International Association of Great Lakes Research. Purdue University.

Vadeboncoeur, Y. 2010. The changing nature of habitat coupling across lake-size gradients: deep thoughts on shallow waters. Keynote Address, Symposium on ‘The Role of Littoral Processes in Lake Ecology’. Konstanz Germany.

Vadeboncoeur, Y. 2002. The benthic connection: integrated food webs in shallow lakes. Plenary Speaker - International Conference on Limnology of Shallow Lakes. Balantönfüred, Hungary.

GRANTS

Ohio Sea Grant: *“From the headwaters to the littoral zone: using attached algae as indicators of ecosystem impairment in the Great Lakes”*. PI- Y. Vadeboncoeur. **\$119,552**. February 2016-January 2018.

National Science Foundation Informal Science Education Program. Communicating Science to Public Audiences Proposal: *Into the Rift: A multimedia experience for advancing ecosystem-based science education*. PI – Y. Vadeboncoeur. Co-PI’s Elliot Gaines, Lisa Kenyon, Jennifer Moslemi. **\$149,935**. June 2012-May 2015.

National Science Foundation DEB-0842253. PI – **Y. Vadeboncoeur**. *Collaborative Research: Consumer control of high-productivity, low-nutrient ecosystems: Enhancement of primary productivity by grazing fish in Lake Tanganyika*. 2009-2012. **\$433,250**. Co-PI Pete McIntyre (separate budget). This grant eventually also included **\$35,638** in supplementary RET and REU support.

The Nature Conservancy. *Anthropogenic impacts on the near-shore biodiversity and ecosystem functioning in Lake Tanganyika*. September 1 2012- May 17 2013. **\$5000**.

National Science Foundation DEB-0448682. PI – **Y. Vadeboncoeur**. *Collaborative Research: Putting the Lake Back Together: Integrating Littoral Productivity into Lake Food Webs*. 2005-2008. **\$189,998**. Co-PI M. Jake Vander Zanden (separate budget).

Ohio Board of Regents, Research Challenge Program. PI - **Y.Vadeboncoeur** *Littoral Productivity in Lakes: Interactions between Water Clarity and Habitat Heterogeneity*. **\$17,686**. 2004.

Ohio Board of Regents, Research Challenge New Investigator Program PI – **Y. Vadeboncoeur**. **\$40,000**. 2003-2004.

National Science Foundation-NATO Postdoctoral Fellowship DGE-9804580. **PI: Vadeboncoeur**. *Benthic-pelagic coupling strength in shallow lakes: effects of phosphorus concentration*. **\$37,900**. 1999.

National Science Foundation Dissertation Improvement Grant DEB-9520663. *Carbon and Nitrogen Pathways in Lake Ecosystems: the Influence of Nutrients and Food Webs on Benthic-pelagic Links*. \$13,845, 1995-1997.

INVITED PRESENTATIONS

Vadeboncoeur, Y. 2014. Algae are meant to be eaten and not seen: interactive controls on a cryptic basal resource in lake ecosystems. Departmental Seminar, Ohio University. February 2014.

Vadeboncoeur, Y. 2010. Borders of Biodiversity: Life at the edge of the world's large lakes. Invited presentation, Leibniz-Institute of Freshwater Ecology and Inland Fisheries. Berlin Germany.

Vadeboncoeur, Y. 2010. Paradigms of the plankton and the spatial variation of periphyton in lakes. Invited seminar, Umeå University, Umeå Sweden.

McIntyre, P.B. **Y Vadeboncoeur**, and M. Jake Vander Zanden. 2008. Aquatic animal diversity in the world's great lakes. Society for Conservation Biology.

Vadeboncoeur, Y. 2006. Life on the edge: integrating littoral zones into models of nutrient and energy dynamics in lakes. Cornell University Biogeochemistry and Environmental Biocomplexity Seminar Series. Ithaca, New York.

Vadeboncoeur, Y. 2005. Littoral-pelagic links in lakes: does size matter? Tanzanian Fisheries Research Institute and Nyanza Project, Kigoma, Tanzania.

Vadeboncoeur, Y. 2005. Littoral-pelagic links in lakes: does size matter? University of Wisconsin Trout Lake Station, Summer Seminar Series.

Vadeboncoeur, Y. 2005. Does size matter? Morphometry, nutrients, and the strength of littoral-pelagic links in lakes. Invited speaker for the Utah State University Water Initiative Seminar Series. Logan, Utah.

Vadeboncoeur, Y. 2004. Life on the edge: Putting the littoral zone back in limnology. Visiting scientist lecture series. Nyanza Project. Kigoma, Tanzania.

Vadeboncoeur, Y. 2003. Eutrophication and the loss of littoral function in lakes: linking energy flow pathways and top down control. Departmental Seminar. Illinois State University, Normal, Illinois.

Vadeboncoeur, Y. 2002. Reciprocal relationships between benthic and pelagic primary producers: energetic consequences for littoral fishes. Special Session: Habitat coupling in lakes. American Society of Limnology and Oceanography. Victoria, British Columbia.

- Vadeboncoeur, Y.** 2002. From Greenland to green lakes: Cultural eutrophication and the loss of benthic energy pathways in lakes. Department of Animal Ecology, Iowa State University, Ames, Iowa, USA.
- Vadeboncoeur, Y.** 2001. From Greenland to green lakes: Shifts in production and consumption of benthic versus pelagic algae across a eutrophication gradient in northern lakes. University of Saskatchewan, Saskatoon, Saskatchewan, Canada.
- Vadeboncoeur, Y.** 1999. Whole-lake fertilization effects on production and consumption of benthic versus pelagic algae. Department of Biology, McGill University, Montreal, Quebec, Canada.
- Vadeboncoeur, Y., D.M. Lodge, S.R. Carpenter.** 1999. Whole-lake fertilization effects on benthic vs. pelagic primary production. American Society of Limnology and Oceanography. Santa Fe, New Mexico.
- Vadeboncoeur, Y.** 1998. Effect of whole-lake fertilization on the distribution of benthic and pelagic primary production in north temperate lakes. Max Planck Institute, Schlitz, Germany.
- Vadeboncoeur, Y.** 1997. Effect of whole-lake fertilization on the distribution of benthic and pelagic primary production in north temperate lakes. Valparaiso University, Indiana, USA.
- Lodge, D.M., **Y. Vadeboncoeur**, and S.C. Blumenshine. 1995. Scale of experimentation and multiple causality in freshwater communities: challenges for applying ecological research. American Society of Zoologists.

CONTRIBUTED PRESENTATIONS (*Student author)

- Vadeboncoeur, Y., *R.Munubi, L.Y. *Kim, B.K. *Kraemer and P.B. McIntyre.** 2014. Metabolic supply versus demand: direct and indirect effects of climate change in littoral Lake Tanganyika. *Ecological Society of America*. Sacramento, California.
- *Fazekas, H. M. and **Y. Vadeboncoeur.** 2014. The effects of agricultural land use on periphyton quality and fatty acid composition in Midwestern streams. Poster. *Joint Aquatic Sciences Meeting*. Portland, Oregon.
- *Kim, L. Y., P.B. McIntyre, L. Hartzler, and **Y. Vadeboncoeur.** 2014. Effects of warming and food quality on the metabolism and growth of an algivorous fish from Lake Tanganyika. *Joint Aquatic Sciences Meeting*. Portland, Oregon.
- *Kraemer, B.M., E. Silow, **Y. Vadeboncoeur**, and P. B. McIntyre. 2014. Nonlinear responses of lake ecosystems to climate change. *Joint Aquatic Sciences Meeting*. Portland, Oregon.
- Vadeboncoeur, Y., P. B. McIntyre, J.A. *May and E. *Hile.** 2014. The complexity of top-down control on primary productivity: interactive effects of biomass removal and consumer nutrient recycling in a low nutrient ecosystem. *Joint Aquatic Sciences Meeting*. Portland, Oregon.
- Vadeboncoeur, Y., *S.P. Devlin, *K.J. Butkas, and M.J. Vander Zanden.** 2013. Strong energetic coupling of zoobenthic production to periphyton in northern temperate lakes. *Society for Freshwater Science*, Jacksonville Florida.
- *Hazelif, B., V. Bahn and **Y. Vadeboncoeur.** 2013. Relationship between land use and Ohio stream fish diversity. *Ecological Society of America*, Minneapolis Minnesota.

- *Kraemer, B., P.B. McIntyre, and **Y. Vadeboncoeur**. 2013. Nonlinear responses to lake warming. *Global Lakes Ecological Observatory Network*, Bahia Blanca Argentina.
- *Drerup, S. A., and **Y. Vadeboncoeur**. 2012. The effects of conductivity on periphyton productivity and enzyme activity from Lake Tahoe and Lake Tanganyika cultures. *Society for Freshwater Science*, Louisville, Kentucky.
- McIntyre, P.B., **Y. Vadeboncoeur**, *B. Kraemer, *M. Bein, C. de Mazancourt, M. Loreau. 2012. Linking fish diversity and density to primary productivity: direct and indirect feedback pathways. *Ecological Society of America*, Portland, Oregon.
- *Munubi, R.;* R. A. Satchell, **Y. Vadeboncoeur**, and P.B. McIntyre. 2012. The influence of depth, rugosity, food quality and primary productivity on the abundance of algivorous fishes in Lake Tanganyika. Poster presentation, Society for Freshwater Science, Louisville, Kentucky.
- *Satchell, R. A.; B. M. *Kraemer, **Y. Vadeboncoeur**, and P. B. McIntyre. 2012. Variation in fecal phosphorus content among Lake Tanganyika cichlids. Poster presentation, Society for Freshwater Science, Louisville, Kentucky.
- Vadeboncoeur, Y.**, S.P. *Devlin, P. B. McIntyre, and M. J. Vander Zanden. 2012. Is there light after depth? Spatial variation in periphyton chlorophyll and productivity in oligotrophic lakes. *Society for Freshwater Science*, Louisville, Kentucky.
- *Bien, A.M., P.B. McIntyre, **Y. Vadeboncoeur**, C. de Mazancourt, and M. Loreau. 2011. Optimal productivity in aquatic ecosystems: theoretical insights and observations from the littoral zone of Lake Tanganyika. *American Society of Limnology and Oceanography*, San Juan, Puerto Rico.
- *Kraemer, B.M., McIntyre, P.B., Huttula, T., Kotilainen, P., O'Reilly, C.B., Peltonen, P., Plisnier, P.D., Sarvala, J.K., **Vadeboncoeur, Y.**, Verburg, P., Wehrli, B. 2011. Pelagic and littoral warming in Lake Tanganyika, East Africa. *International Association of Great Lakes Research*, Duluth, Minnesota.
- *Devlin, S.P., **Y. Vadeboncoeur**, and M.J. Vander Zanden. 2010. Bacterial production and abundance in littoral sediment of oligotrophic lakes: the role of benthic primary production and allochthonous carbon. *American Society of Limnology and Oceanography/North American Benthological Society*, Santa Fe, New Mexico.
- Higgins, S.N., M.J. Vander Zanden, L.N. Joppa and **Y. Vadeboncoeur**. 2010. Benthic-pelagic coupling by an invasive grazer: dreissenid mussel impacts on phytoplankton biomass and the chl:TP relationship. *American Society of Limnology and Oceanography/North American Benthological Society*. Santa Fe, New Mexico.
- Vadeboncoeur, Y.**, M.J. Vander Zanden and P.B. McIntyre. 2008. Species richness, trophic efficiency, and energy resources in lakes: Fish exploitation of littoral primary production across an ecosystem size gradient. *Ecological Society of America*. Milwaukee, Wisconsin.
- *Devlin, S.P. **Y. Vadeboncoeur**, K. J. *Butkas, and M. J. Vander Zanden. 2008. Littoral zoobenthic communities: Resource partitioning in a heterogeneous resource environment. *Ecological Society of America*. Milwaukee, Wisconsin.
- Vadeboncoeur, Y.** P.B. McIntyre, and M.J. Vander Zanden. 2007. Borders of Biodiversity: Life at the edge of the world's great lakes. *Ecological Society of America*. San Jose, California.

- Vadeboncoeur, Y.,** *S.P. Devlin, *P.B. McIntyre and M. J. Vander Zanden. 2007. Paradigms of the plankton and the spatio-temporal variation in periphyton biomass and productivity in oligotrophic lakes. *International Society for Limnology*. Montreal, QC.
- *Devlin, S.P., **Y. Vadeboncoeur,** K. *Butkas and M.J. Vander Zanden. 2007. Spatio-temporal variation in periphyton productivity, biomass, respiration and $\delta^{13}\text{C}$ across a lake-size gradient. *American Society of Limnology and Oceanography*. Santa Fe, NM.
- *McCormick, J.M., *S.P. Devlin, and **Y. Vadeboncoeur.** 2007. Effects of groundwater flow and substrate on periphyton biomass and productivity in an oligotrophic seepage lake. REU poster session. *American Society of Limnology and Oceanography*. Santa Fe, NM.
- Vadeboncoeur, Y.** *S.P. Devlin, M. J. Vander Zanden, and K.J. Butkas. 2006. Spatio-temporal variation in benthic algal biomass, C:N:P, and primary productivity in north temperate lakes. *American Society of Limnology and Oceanography*. Victoria, BC.
- Vadeboncoeur, Y.,** M.J. Vander Zanden, G. Peterson, and J. Kalff. 2005. Setting the stage for biotic interactions: morphometry as a determinant of littoral-pelagic links in lakes. *American Society of Limnology and Oceanography*. Aquatic Sciences Meeting. Salt Lake City, UT. Introductory presentation for the special session that I was chairing.
- Vadeboncoeur, Y.** 2003. Eutrophication and the loss of littoral function in lakes: linking energy flow pathways and top down control. Wright State University, Dayton, Ohio.
- Vadeboncoeur, Y.,** J. Rasmussen, and J. Kalff. 2002. Influence of macrophyte species composition on diet and growth rates of yellow perch (*Perca flavescens*) in Lake Memphremagog. GRIL Symposium.
- Vadeboncoeur, Y.** 2001. Eutrophication, invasive macrophytes and the loss of energy pathways in lake ecosystems. Biology Departmental Seminar. McGill University, Montreal, Quebec, Canada.
- Vadeboncoeur, Y.,** J. Kalff, and J. Rasmussen. 2001. Energetic links between fish and benthic habitats in Lake Memphremagog: integrating benthic primary production into littoral food webs. GRIL Symposium.
- Vadeboncoeur, Y.,** E. Jeppesen, D. Lodge, H-H. Schierup, K. Christoffersen and M. J. Vander Zanden. 2001. Production and consumption of benthic versus pelagic algae along a eutrophication gradient. Society of Canadian Limnologists.
- Vadeboncoeur, Y.** 2000. From Greenland to green lakes: the contribution of benthic algae to whole-lake primary production along an environmental nutrient gradient. Université de Montréal, Montreal, Quebec, Canada.
- Vadeboncoeur, Y.** 2000. Putting the lake back together: reintegrating benthic pathways into lake food web models. Aquatic seminar series. Department of Biology, McGill University, Montreal, Quebec, Canada.
- Vadeboncoeur, Y.,** E. Jeppesen, and M.J. Vander Zanden. 2000. Benthic-pelagic links: effects of eutrophication on the production and consumption of benthic versus pelagic algae in Danish lakes. *American Society of Limnology and Oceanography*. Copenhagen, Denmark.
- Vadeboncoeur, Y.,** D.M. Lodge, S.R. Carpenter. 1998. Compensatory responses of benthic algal production to fertilization-induced increases in phytoplankton production. Poster presentation, *American Society of Limnology and Oceanography*.

- Vadeboncoeur, Y.,** D.M. Lodge, S. R. Carpenter, and K. L. Cottingham. 1996. Impact of water column fertilization on the relative contribution of benthic and pelagic algae to whole-lake primary production. Ecological Society of America.
- Vadeboncoeur, Y.** and D.M. Lodge. 1996. Habitat-specific impact of fertilization on periphyton productivity in an oligotrophic lake. North American Benthological Society.
- Vadeboncoeur, Y.** and D.M. Lodge. 1995. Substratum-specific response of benthic algae to grazing by Limnephilid caddisfly larvae in an oligotrophic lake. North American Benthological Society.
- Vadeboncoeur, Y.,** D.M. Lodge, D.L. Christensen, and K.L. Cottingham. 1994. Impact of whole-lake nutrient enrichment on the ratio of benthic to pelagic chlorophyll *a* and productivity. Poster presentation, American Society of Limnology and Oceanography.
- Blumenshine, S.C., **Y. Vadeboncoeur,** and D.M. Lodge. 1993. Benthic-pelagic links: Benthic algae and invertebrate response to water-column fertilization. North American Benthological Society.