

GARY A. LAMBERTI

Curriculum Vitae

Present Position

Professor, Department of Biological Sciences
Director, Stream and Wetland Ecology Laboratory (SWEL)
University of Notre Dame
Notre Dame, IN 46556-0369
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Faculty page: <http://biology.nd.edu/people/faculty/lamberti/>
Lab page: <http://www.nd.edu/~strmeco/>

Personal Information

Citizenship: USA
Married, 2 children

Education

Ph.D. 1983 University of California at Berkeley; Entomological Sciences
Dissertation: *Interactions among herbivorous insects, algae, and bacteria in a geothermally influenced stream*

B.S. 1975 University of California at Davis; Entomology (High Honors)

Research Interests

Stream and river ecology; wetland ecology; biology of anadromous salmonids; food web ecology; plant-herbivore interactions; ecology of invasive species; watershed ecology; nutrient cycling in aquatic ecosystems; restoration ecology; ecotoxicology of novel chemicals; global change biology

Professional Experience

2008 - 2014 *Chair*, Department of Biological Sciences, University of Notre Dame
2001 - 2008 *Assistant Chair*, Department of Biological Sciences, University of Notre Dame
2000 - present *Professor*, Department of Biological Sciences, University of Notre Dame
1995 - 2000 *Associate Professor*, Department of Biological Sciences, University of Notre Dame
1989 - 1995 *Assistant Professor*, Department of Biological Sciences, University of Notre Dame
1986 - 1989 *Research Assistant Professor*, Dept. of Fisheries & Wildlife, Oregon State University
1984 - 1986 *Postdoctoral Associate*, Department of Fisheries & Wildlife, Oregon State University
Advisor: Dr. Stanley V. Gregory
1983 - 1984 *Postdoctoral Associate*, Department of Entomological Sciences, U.C. Berkeley
Advisor: Dr. Vincent H. Resh

Major Administrative Experience

2015 – present *Director*, GLOBES Graduate Certificate Program, University of Notre Dame.
GLOBES is an interdisciplinary graduate program at the interface of Environment and Society, and draws students from the Humanities, Sciences, Law, and Engineering.

2010 – 2012 *Director*, Linked Experimental Ecosystem Facility (ND-LEEF), University of Notre Dame Environmental Change Initiative. I developed the initial vision and design for a \$1M environmental facility for research, teaching, and outreach near the ND campus.

2008 – 2014 *Chair*, Department of Biological Sciences, University of Notre Dame. I oversaw a department of some 50 faculty members, 80 staff, 140 graduate students, and 400 undergraduate students, with an annual budget of ~\$10 million.

2001 – 2008 *Director of Graduate Studies and Assistant Chair*, Department of Biological Sciences, University of Notre Dame. Oversight of a biology graduate program of 140 students, mostly Ph.D., spanning recruitment through graduation.

- 2001 – 2006 *Co-Director and Co-PI*, Graduate Training Program in 'Risk assessment of novel chemicals in the environment'. Sponsor: U.S. Department of Education - Graduate Assistance in Areas of National Need (GAANN). This program involved 10 faculty members in Engineering and Biology, and trained 10 Ph.D. students.
- 1997 – 1998 *President*, Society for Freshwater Science (NABS at the time). SFS is a society of ~1500 professional aquatic scientists. The President oversees all society operations, including finances, committees, publications, and meetings.
- 1994 – 2001 *Director and PI*, Graduate Research Training (GRT) Program in 'Environmental stress in ecosystems: linking ecology and engineering'. Sponsor: National Science Foundation – Education and Human Resources. This program involved 10 faculty members and trained 20 Ph.D. students.

Teaching Experience (at the University of Notre Dame unless noted)

<u>Undergraduate Courses</u>	<u>Graduate Courses</u>	<u>Seminars</u>
Biostatistics	Stream Ecology	Ecological Experimentation
Limnology*	Advanced Aquatic Ecology	Lentic-Lotic Linkages
Aquatic Entomology (team)	Ecological Methods	Advanced Ecological Statistics
Stream Ecology*	Restoration Ecology	Current Theory in Community Ecology
Practicum in Aquatic Ecology (team)	Practicum in Environmental Biology	Aquatic Ecosystems & Global Change
Galapagos Islands	Communications Module	Fisheries Professions*
		Environmental Law
		Seminar Preparation and Presentation

*taught or co-taught at Oregon State University

Professional Affiliations

American Association for the Advancement of Science; Ecological Society of America; Indiana Academy of Sciences; Society for Freshwater Science; Indiana Water Resources Association

Awards, Honors, and Elective Offices

- Elected Fellow, John J. Reilly Center for Science, Technology, and Values (2015)
- Elected Fellow, American Association for the Advancement of Science (2011)
- Rev. Edmund P. Joyce, CSC, Award for Excellence in Undergraduate Teaching, University of Notre Dame (2009)
- Faculty Fellow, John A. Kaneb Center for Teaching and Learning, University of Notre Dame (2007-2008)
- Distinguished Lecturer, Hesburgh Lecture Series, University of Notre Dame (2008, 2010, 2011, 2012, 2013, 2014)
- Commencement Speaker, Biological Sciences, University of Notre Dame (2009-2014)
- Commencement Speaker, Environmental Science, University of Notre Dame (2007)
- John A. Kaneb Award for Teaching Excellence, University of Notre Dame (2006)
- Commencement Speaker, Science-Business, University of Notre Dame (2006)
- Reverend James A. Burns, C.S.C., Graduate School Award for Excellence in Graduate Education, University of Notre Dame (2004)
- College of Science Shilts-Leonard Teaching Award, University of Notre Dame (2003)
- John A. Kaneb Award for Teaching Excellence, University of Notre Dame (2001)
- President (elected), North American Benthological Society (1997-1998) – NABS is a society of 2000 professional aquatic scientists
- Professor of the Term Award; Mortarboard Society, Oregon State University (1987)
- Best Student Paper Award; North American Benthological Society Annual Meeting, Ann Arbor MI (1982)
- Distinguished Teaching Assistant; University of California, Berkeley (1981)

- Outstanding Graduate Student Award; Department of Entomological Sciences, U.C. Berkeley (1981)
- Union Foundation Wildlife-Fisheries Fellowship, U.C. Berkeley (1976-1977)
- National Institutes of Health Predoctoral Fellowship, U.C. Berkeley (1975-1977)

Professional Service

- Member, Independent Science Advisory Panel, Missouri River Recovery Implementation Committee (2014 – present)
- Member, Science Advisory Board for Central Michigan University Biological Station (2010 – present)
- Chair, Science Advisory Board for Central Michigan University Biological Station (2014)
- Member, Editorial Board, Aquatic Ecology Series, University of California Press (2010 – present)
- Member, External Review Committee, Department of Biology, Kent State University (2010)
- Member, Executive Board for *American Midland Naturalist* (2008 – present)
- Member, NEON-STEAC (Science, Technology, and Education Advisory Committee (2008 – 2010)
- Institutional Representative to Great Lakes – Northern Forest CESU (2007 – present)
- Invited Panelist, Educational Panel of Economic Summit organized by Congressman Joe Donnelly (August 7, 2007)
- Member, Science Advisory Board for the Annis Water Resources Institute, Grand Valley State University (2002 – present)
- Chair, Science Advisory Board for the Annis Water Resources Institute, Grand Valley State University (2009)
- Associate Editor, *Ecological Applications* (2001-2004)
- President, North American Benthological Society (1997-1998)
- President-Elect, North American Benthological Society (1996-1997)
- Associate Editor, *Journal of the North American Benthological Society* (1991-1995)
- Chair, various committees of the North American Benthological Society: Hynes Award for New Investigators (1999-2000), Election and Place Committee (1998-1999), Constitutional Revision Committee (1993-1997), Award of Excellence Committee (1990-1991)
- Chair, Executive Committee of the North American Benthological Society (1986-1987)
- Member, Executive Committee of the North American Benthological Society (1987-1988, 1996-1999); International Issues Committee (2000-2002), Name Evaluation Committee (2003-2003), Hynes Young Investigator Award (1997-present)
- Co-Chair, Local Arrangements Committee for the North American Benthological Society Annual Meeting, Corvallis, Oregon (1985)
- Student Paper Judge: North American Benthological Society (continuous 1986-2008); Ecological Society of America (1988, 1993)
- Ad Hoc Reviewer for: *Ecology*, *Ecological Applications*, *Ecology Letters*, *Ecosystems*, *Oikos*, *The American Naturalist*, *American Midland Naturalist*, *Environmental Entomology*, *Hydrobiologia*, *Canadian Journal of Fisheries and Aquatic Sciences*, *Freshwater Biology*, *Canadian Journal of Zoology*, *Journal of the North American Benthological Society*, *Holarctic Ecology*; *Marine and Freshwater Research*, *Transactions of the American Fisheries Society*, *Archiv fur Hydrobiologie*, *Environmental Pollution*, *Oecologia*, *BioScience*, *Limnology and Oceanography*, *American Entomologist*, *Journal of Phycology*, *Environmental Toxicology & Chemistry*, *Water Quality Research Journal of Canada*, *Conservation Biology*, *Aquatic Sciences*, *International Review of Hydrobiology*, *Environmental Management*, *Restoration Ecology*, *Journal of Conservation Biology*, *Chemosphere*; *Environmental Science and Technology*; *Green Chemistry*; *Evolutionary Applications*, *Biological Invasions*; *Aquatic Ecology*, *PLoS One*
- Grant Referee for: *National Science Foundation (DEB Ecosystems & Ecology Programs)*; *NSF/EPA/USDA Joint Water and Watersheds Research Program*; *Swiss National Science Foundation*; *NOAA - Sea Grant, Ohio Sea Grant College Program, Michigan Sea Grant College Program, Minnesota Sea Grant College Program, NSERC of Canada*; *Great Lakes Fishery Trust*
- Panel Member for: *National Science Foundation: NSF-EPA Water and Watershed Research (1995)*, *Graduate Research Training Workshop (1997)*; *Graduate Research Fellowships (1999, 2001, 2002)*; *Science and Technology Centers (2003)*; *Population and Community Ecology (2012)*; *USDA Managed Ecosystems Program (2006)*
- Book Reviewer for: *Ecology*, *Journal of the North American Benthological Society*, *NABS Bulletin*, Oxford University Press, Prentice-Hall, Chapman & Hall, Academic Press

- Symposium Organizer: American Fisheries Society, Oregon Chapter (1989), North American Benthological Society (1992, 1993, 2000), Entomological Society of America (1993)
- Invited Speaker at Meetings of: Entomological Society of America (1983, 1989); North American Benthological Society (1982, 1989, 1990, 1991, 1992, 1993, 1997, 1998, 2000, 2011, 2013); Society for Freshwater Science (2016); California Licensed Foresters Association (1987); American Society of Foresters (1986); California Salmon and Trout Restoration Association (1988); Zebra Mussel & Aquatic Nuisance Species Conference (1999); Illinois-Indiana Sea Grant Researchers' Meeting (2001); State of Lake Michigan Conference (2003); International Conference on Ionic Liquids (2005); Society for Chemical Engineering and Biotechnology (2007)

University Service

- Member (appointed): Faculty Senate (1992); Institutional Animal Care and Use Committee (1995-2001); Provost's Task Force on Strategic Directions in Science and Engineering -- Chair of Environmental Science subcommittee (1999); Provost's Task Force on Environmental Research and Education (2000-2001); UND Committee on Research Challenges and Opportunities (2001-2002); Fellowships Office Faculty Advisory Board (2004-2005); Vice President's Task Force on Graduate Student Academic Life (2005); Fulbright Scholarship Evaluation Committee (2006-2007); Provost's Task Force on Statistics (2006-2007); Provost's Task Force on the Environment (2006-2007); Office of Research Limited Submissions Committee (2007-2010); Shilts-Leonard Teaching Award Selection Committee (2004-2007); CEST Advisory Board (2007-present); College of Science Dean's Advisory Committee (2008-present); College of Science Council (2008-present); Burns Award Selection Committee (2011); UNDERC Land O' Lakes Strategic Planning Committee (2012-2013); UNDERC Advisory Board (2012-present); Notre Dame Haiti Program review committee (2013 – 2014)
- Member (elected): College of Science Council (1994-1997; 2001-2005); Graduate Council (1998-2001); Dept. of Biological Sciences Committee on Appointments and Promotions (CAP) (1999-2008); Chair of CAP (2008-2014)
- Member or Chair: various departmental committees including over 30 graduate student thesis committees in two Colleges and chair or co-chair of 5 faculty search committees.
- Presenter for Junior Parents Weekend (2009-2014), Early Action Students (2009-2014), BIOS Graduate Student Recruitment (2009-2014)
- Urban Plunge Faculty Facilitator (2011)
- Faculty Mentor for Dr. Marie Denise Milord (2014)
- Institutional Lead, Great Lakes – Northern Forest Cooperative Ecosystem Studies Unit (2007 – present)

Community and Church Service

- Volunteer Soccer Manager and Assistant Coach of U12 Girls, Indiana Invaders (2013)
- Volunteer Girls' Soccer Coach, Christ the King Grade School (2011 – 2014; league champions 2014)
- Pre-Cana Volunteer Couple (with Donna Lamberti), Christ the King Church, South Bend, IN
- Assistant Manager, Indiana Invaders Soccer Club U15 Boys (2011)
- Member, Corpus Christi Grade School Board of Education (2006 – 2008)
- Volunteer Speaker, UND College Mentors for Kids (2006)
- Outreach Educator, Young Naturalist Club, Shedd Aquarium, Chicago, IL (2003 – 2006)
- Volunteer Science Educator, Corpus Christi Catholic School, South Bend (2005)
- Volunteer Science Educator, Christ the King Catholic School, South Bend (2013 – 2014)
- Volunteer Reader, Montessori Preschool, South Bend Center for the Homeless (2003 – 2010)
- Volunteer Boys' Soccer Coach, Michiana Soccer Association (2004 – 2006)
- Volunteer Girls' Soccer Coach, Michiana Soccer Association (2006 – 2009)
- Volunteer Boys' Soccer Coach, Corpus Christi Catholic School, South Bend (2007)
- Mentor for Local High School Science Fair Projects (15 high school students to date)
- Chair, Junior Life Science Division, Northern Indiana Regional Science Fair (2002 – present)
- Judge, Northern Indiana Regional Science Fair (annually 1990 – present)

Other Recognitions and Media Stories

- *EM&T* paper (publication #132) on heavy metals in wetland turtles featured in multiple radio (e.g., NPR), television (e.g., WSBT), and web stories; see for example: <http://wsbt.com/news/local/notre-dame-researchers-doing-something-new-to-test-great-lakes-pollution>
- *TAFS* paper (publication #127) on restoring stream connectivity following culvert replacement featured in numerous press and web stories following story reported in Capital News Service: <http://news.jrn.msu.edu/capitalnewsservice/2015/11/06/fish-may-benefit-from-replacing-culverts-with-bridges/>
- *ES&T* paper (publication #115) on contaminant biotransport by Great Lakes salmon featured in ND press release and picked up by over 20 internet sites, including phys.org, enn.com, scienceblog.com, etc.
- *Nature* commentary (publication #107) on internet trade of endangered plants featured in various print, radio, and internet media stories including the Los Angeles Times, BBC, and NPR
- Featured Researcher for Great Lakes Regional Research Information Network (October 2007)
- Salmon research featured in *UND Pathways* magazine (Fall 2005, Fall 2007)
- River restoration research featured in *NDWorks* – Notre Dame staff newspaper (November 1, 2007)
- Principal Investigator for research on invasive fish that was recognized as 1 of 162 U.S. “Scientific Breakthroughs” for 1998 cited in a report to Congress by *The Science Coalition*
- Panel Member, National Science Foundation (1995, 1997, 1999, 2001, 2002, 2003)
- Panel Member, U.S. Department of Agriculture (2006)
- Invited Speaker and Dissertation Opponent, University of Uppsala, Sweden (December, 1993)
- Senior author of paper (*Ecology* 64:1124-1135) recognized as one of “The 10 Most Cited Papers in Plant Herbivory, 1981-1993” by *The Scientist* (June 26, 1991) from review of *Science Citation Index*
- Research in invasive fishes featured in *The Helm* – popular publication of the Illinois-Indiana Sea Grant College Program.
- Listed in: *Who's Who in Science and Technology*; *Who's Who in the Midwest*; *Who's Who in America*; *Who's Who in the World*, *Who's Who in American Education*, *American Men and Women of Science*, *Who's Who in Science Higher Education* (1991-present)

Graduate Students and Postdoctorates

Graduate students advised:

Oregon State University:

Steven Hurley – M.S. 1994; Cynthia Tait (co-advised) – Ph.D. 1997

University of Notre Dame:

Patrice Charlebois – M.S. 1994; Thomas Horvath – Ph.D. 1997; Aimee Fullerton – M.S. 1998; Danielle Tillman – Ph.D. 1999; Robert Stelzer – Ph.D. 1999; Eric Strauss – Ph.D. 2000; Ashley Moerke – M.S. 2000; Nicole Mitchell – M.S. 2002; Candice Bauer – Ph.D. 2003; Ashley Moerke – Ph.D. 2004; Jean Miesbauer – M.S. 2004; Asako Yamamuro – M.S. 2004; Michelle Evans-White – Ph.D. 2005; Anthony Cak – M.S. 2005; James Larson (co-advised) – Ph.D. 2006; Sally Entekin (co-advised) – Ph.D. 2008; Konrad Kulacki – Ph.D. 2009; Angela Bobeldyk – Ph.D. 2009; David Costello – Ph.D. 2010; Andrea Fowler – M.S. 2010; Janine Rueegg – Ph.D. 2011; David Janetski – Ph.D. 2012; Patrick Shirey – Ph.D. 2013; Matthew Cooper – Ph.D. 2014; Nathan Evans – Ph.D. 2016; Brandon Gerig – Ph.D. 2017; Carmella Vizza – Ph.D. in progress; Katherine O'Reilly – Ph.D. in progress; Whitney Conard – Ph.D. in progress

Postdoctorates advised: Jason Knouft 2001-2002; Emma Rosi-Marshall (co-advised) 2002-2004; Dominic Chaloner 2000-2004; Paul Frost 2002-2005; Randy Bernot 2003-2005; Aline Matsuo 2005-2006; Scott Tieg 2006-2008; *Research Assistant Professor supervised:* Dominic Chaloner 2004-2007

Awards and Honors to Advised Students

Candice Bauer - Clair Booth Luce Graduate Fellowship (1998-2003); Best Oral Presentation in Applied Research, North American Benthological Society, LaCrosse, WI (2001)

- Angela Bobeldyk – Best Poster Presentation in Basic or Applied Research at the Annual Meeting of the North American Benthological Society in Vancouver, BC (2004); Selected Participant in *Ecosystem Ecology* Course, Institute of Ecosystem Studies, NY (2004); Downes Travel Award (2004); Best Oral Presentation Award, Indiana Lakes Management Society (2006); UND Travel Award (2006); Best Student Paper Award (runner-up), NALMS, International Lakes Management Society Meeting (2006); Graduate Fellow - *Center for Aquatic Conservation* (2007); Kaneb Teaching Assistant Award (2007); NABS President's Award (2007); Knauss Policy Fellowship (2008-2009)
- Matthew Cooper – NSF IGERT-Globes Fellowship (2009-2012); University of Notre Dame Presidential Graduate Fellowship (2009-2014); Highly-cited paper award (co-author) – *Journal of Great Lakes Research* (2010); NSF-IGERT Student Meeting Best Poster Award (2012); Distinguished Alumnus at Annis Water Resources Institute, Grand Valley State University (October 22, 2015)
- David Costello – UNDERC Summer Research Fellowship (2005, 2006); UND Travel Award (2005); Selected Participant in *Ecosystem Ecology* Course, Institute of Ecosystem Studies, NY (2006); Downes Travel Grant (2006), Sigma Xi Grant-in-Aid of Research (2006-2007); Best Oral Presentation in Basic Research (runner-up) at the Annual Meeting of the North American Benthological Society in Columbia, SC (2007); NABS President's Award (2007); NSF Doctoral Dissertation Improvement Grant (2008); Bayer Predoctoral Fellowship (2008); UNDERC Summer Research Fellowship (2008); Award for Excellence in Teaching, Kaneb Center for Teaching and Learning (2009).
- Sally Entrekin – Selected Participant in *Ecosystem Ecology* Course, Institute of Ecosystem Studies, NY (2005); NABS President's Award (2006); Sigma Xi Grant-in-Aid of Research (2006), Gordon Travel Grant (2006); NABS Best Oral Presentation Award in Applied Research (2008)
- Michelle Evans-White – NSF Graduate Research Traineeship (2000-2001); Best Oral Presentation in Basic Research, North American Benthological Society, LaCrosse, WI (2001); Summer Grant-Writing Fellowship (2002); U.S. Dept. of Education GAANN Fellowship (2002-2005); Bayer Predoctoral Research Fellowship (2003-2004); UMBS Summer Research Scholarship (2003)); Sigma Xi Grant-in-Aid of Research (2004); NABS Student Travel Award (2004); The Eli J. and Helen Shaheen Graduate School Award in Science (2006)
- Nathan Evans – Bayer Predoctoral Fellowship (2014-2015)
- Andrea Fowler – Arthur J. Schmitt Presidential Fellowship (2005-2009); UNDERC Summer Research Fellowship (2006)
- Aimee Fullerton - NSF Graduate Research Traineeship (1995-1998)
- Brandon Gerig – USEPA STAR Fellowship (2015-2017); International Association of Great Lakes Research-Baldwin Scholarship Runner-Up (2016); Great Lakes Fishery Commission Travel Award (2016)
- Thomas Horvath - 2004 Richard Siegfried Junior Faculty Prize for Academic Excellence, State University College at Oneonta
- David Janetski – Arthur J. Schmitt Presidential Fellowship (2006-2010); Best Oral Presentation in Applied Research at Annual Meeting of the North American Benthological Society in Columbia, SC (2007); Skinner Award (Honorable Mention) - American Fisheries Society (2010); Bayer Predoctoral Fellowship (2010)
- Konrad Kulacki – U.S. Dept. of Education GAANN Fellowship (2003-2005); Best Oral Paper Award, Ohio Valley Chapter of SETAC (2006); UNDERC Summer Research Fellowship (2008); Best Student Presentation, Ohio Valley Chapter of SETAC (2008)
- James Larson – UNDERC Summer Research Fellowship (2004); U.S. Dept. of Education GAANN Fellowship (2003-2005); Indiana Academy of Sciences Grant-in-Aid of Research (2005); Bayer Predoctoral Fellowship (2005-2006); Best Oral Paper Award, Ohio Valley Chapter of SETAC (2006)
- Jean Miesbauer – UNDERC Summer Research Fellowship (2002)
- Ashley Moerke - Finalist, Proctor & Gamble Co. Research Award (1999); NSF Graduate Research Traineeship (2000-2001); Kaneb Outstanding Teaching Assistant Award (2001); Bayer Predoctoral Research Fellowship (2002-2003); Associate Fisheries Professional Certification (2003), Warner-Lambert Fellowship (2003-2004); NABS Presidents' Award (2004), Graduate Teaching Achievement Award (2004), DIALOG participant (2005), Excellence in Academic Advising Award (2010-2011), Michigan Distinguished Professor of the Year Nominee (2012), LSSU Distinguished Teaching Award (2011-2012).
- Katherine O'Reilly – Best Poster, State of Lake Michigan/Great Lakes Beach Association (SOLM/GLBA) Annual Meeting (2015); SFS Travel Award (2016); SFS General Endowment Award (2016); IAGLR Student Travel Award (2016)

Janine Rueegg - Selected Participant in *Ecosystem Ecology* Course, Institute of Ecosystem Studies, NY (2008); NABS President's Award (2008); Bayer Predoctoral Fellowship (2009); Award for Excellence in Teaching, Kaneb Center for Teaching and Learning (2010)

Patrick Shirey – NSF IGERT-Globes Fellowship (2007-2011); Center for Aquatic Conservation Fellowship (2009); Graduate Student Policy Award from the Ecological Society of America (2010); GLOBES Fellow Representative to NSF IGERT 2010 Project Meeting; Skinner Memorial Award from American Fisheries Society (2010); CEST Bayer Predoctoral Fellowship (2011-12); ESA Emerging Issues Conference Travel Award (2012); NPS George M. Wright Climate Change Fellowship (2012); 2016 Emerging Leaders Mentorship Award from the American Fisheries Society

Robert Stelzer - Best Poster at Annual Meeting of the North American Benthological Society, Kalispell, MT (1996); Indiana Academy of Science Research Award (1996, 1997); UND Navari Graduate Fellowship (1995); NSF Doctoral Dissertation Improvement Grant (1997); NSF Graduate Research Traineeship (1998-1999); The Eli J. and Helen Shaheen Graduate School Award in Science (2000); TRISS Endowed Professorship at the University of Wisconsin – Oshkosh (2015).

Eric Strauss - NSF Graduate Research Traineeship (1995-2000); NSF Doctoral Dissertation Improvement Grant (1997)

Danielle Tillman – Clare Booth Luce Graduate Fellowship (1992-1997); NSF Graduate Research Fellowship (1993-1998); Selected Participant in *Ecosystem Ecology* Course, Institute of Ecosystem Studies, NY (2013)

Carmella Vizza – Dean's Fellowship (2012-2017); Downes Memorial Fund Award for Professional Development (2012); Scholarship Recipient for *Ecosystem Ecology* Course, Institute of Ecosystem Studies, NY (2013); Endowment Research Award from Society for Freshwater Science (2013); NSF Graduate Research Fellowship (2013-2016); UND GSU Travel Award (2016)

Asako Yamamuro – Notre Dame Diversity Graduate Fellowship (2001-2003); UNDERC Summer Research Fellowship (2002)

Scholarly Presentations (number only; full list provided upon request)

Invited Seminars, Addresses, and Lectures: 60
Invited Symposium Contributions (Presenting author): 26
Invited Symposium Contributions (Co-author): 15
Symposia Organized: 6
Contributed Papers (Presenting Author): 20
Contributed Papers and Posters (Co-Author): 300

PUBLICATIONS

Refereed Journal Papers (Current Web of Science h-index = 41; Google Scholar h-index = 53)

*advised graduate student; #advised undergraduate student; ^advised postdoctorate; +other student

1. **Lamberti, G.A.** and V.H. Resh. 1979. Substrate relationships, spatial distribution patterns, and sampling variability in a stream caddisfly population. *Environmental Entomology* 8:561-567.
2. Rosenberg, D.M., and 13 others including **G.A. Lamberti**. 1981. Recent trends in environmental impact assessment. *Canadian Journal of Fisheries and Aquatic Sciences* 38:591-624.
3. Resh, V.H., T.S. Flynn, **G.A. Lamberti**, E.P. McElravy, K.L. Sorg, and J.R. Wood. 1981. Responses of the sericostomatid caddisfly *Gumaga nigricula* (McL.) to environmental disruptions. *Series Entomologica* (The Hague) 20:311-318.
4. **Lamberti, G.A.** and V.H. Resh. 1983. Stream periphyton and insect herbivores: an experimental study of grazing by a caddisfly population. *Ecology* 64:1124-1135.
5. **Lamberti, G.A.** and V.H. Resh. 1983. Geothermal effects on stream benthos: separate influences of thermal and chemical components on periphyton and macroinvertebrates. *Canadian Journal of Fisheries and Aquatic Sciences* 40:1995-2009.

6. Resh, V.H., **G.A. Lamberti**, and J.R. Wood. 1984. Biology of the caddisfly *Helicopsyche borealis* (Hagen): a comparison of North American populations. *Freshwater Invertebrate Biology* 3:172-180.
7. Resh, V.H., **G.A. Lamberti**, and J.R. Wood. 1984. Biological studies of *Helicopsyche borealis* (Hagen) in a coastal California stream. *Series Entomologica* (The Hague) 30:315-319.
8. **Lamberti, G.A.** and V.H. Resh. 1985. Comparability of introduced tiles and natural substrates for sampling lotic bacteria, algae, and macro-invertebrates. *Freshwater Biology* 15:21-30.
9. **Lamberti, G.A.** and V.H. Resh. 1985. Distribution of benthic algae and macroinvertebrates along a geothermal stream gradient. *Hydrobiologia* 128: 13-21.
10. Schwan, T.G. and **G.A. Lamberti**. 1986. Influence of oxygen concentration on the respiratory behavior of tilapia (*Sarotherodon alcalicus grahami*) in Lake Nakuru, Kenya. *African Journal of Ecology* 24:199-202.
11. **Lamberti, G.A.** and V.H. Resh. 1987. Seasonal patterns of suspended bacteria and algae in two northern California streams. *Archives fur Hydrobiologie* 110 45-57.
12. **Lamberti, G.A.**, J.W. Feminella, and V.H. Resh. 1987. Herbivory and intraspecific competition in a stream caddisfly population. *Oecologia* 73: 75-81.
13. **Lamberti, G.A.**, L.R. Ashkenas, S.V. Gregory, and A.D. Steinman. 1987. Effects of three herbivores on periphyton communities in laboratory streams. *Journal of the North American Benthological Society* 6:92-104.
14. Steinman, A.D., C.D. McIntire, S.V. Gregory, **G.A. Lamberti**, and L.R. Ashkenas. 1987. Effects of herbivore type and density on taxonomic structure and physiognomy of algal assemblages in laboratory streams. *Journal of the North American Benthological Society* 6:175-188.
15. Steinman, A.D., and **G.A. Lamberti**. 1988. Lotic algal communities in the Mt. St. Helens region six years following the eruption. *Journal of Phycology* 24:482-489.
16. McElravy, E.P., **G.A. Lamberti**, and V.H. Resh. 1989. Year-to-year variation in the aquatic macroinvertebrate fauna of a northern California stream. *Journal of the North American Benthological Society* 8:51-63.
17. Steinman, A.D., C.D. McIntire, S.V. Gregory, and **G.A. Lamberti**. 1989. Effects of irradiance and grazing on lotic algal assemblages. *Journal of Phycology* 25:478-485.
18. **Lamberti, G.A.**, S.V. Gregory, L.R. Ashkenas, A.D. Steinman, and C.D. McIntire. 1989. Productive capacity of periphyton as a determinant of plant-herbivore interactions in streams. *Ecology* 70:1840-1856.
19. Stream Solute Workshop (19 authors including **G.A. Lamberti**). 1990. Concepts and methods for assessing solute dynamics in stream ecosystems. *Journal of the North American Benthological Society* 9:95-119.
20. DeNicola, D.M., C.D. McIntire, **G.A. Lamberti**, S.V. Gregory, and L.R. Ashkenas. 1990. Temporal patterns of grazer-periphyton interactions in laboratory streams. *Freshwater Biology* 23:475-489.
21. **Lamberti, G.A.**, S.V. Gregory, L.R. Ashkenas, R.C. Wildman, and K.M.S. Moore. 1991. Stream ecosystem recovery following a catastrophic debris flow. *Canadian Journal of Fisheries and Aquatic Sciences*. 48:196-208.

22. Bergey, E.A., S.S. Balling, J.N. Collins, **G.A. Lamberti**, and V.H. Resh. 1992. Bionomics of invertebrates within an extensive *Potamogeton pectinatus* bed of a California marsh. *Hydrobiologia* 234: 15-24.
23. **Lamberti, G.A.**, S.V. Gregory, C.P. Hawkins, R.C. Wildman, L.R. Ashkenas, and D.M. DeNicola. 1992. Plant-herbivore interactions in streams near Mount St. Helens. *Freshwater Biology* 27:237-247. (Note: Featured in cover photograph for journal issue)
24. Pearsons, T.N., H.W. Li, and **G.A. Lamberti**. 1992. Influence of habitat complexity on resistance to flooding and resilience of stream fish assemblages. *Transactions of the American Fisheries Society* 121:427-436.
25. #Ehrman, T.P., and **G.A. Lamberti**. 1992. Hydraulic and particulate matter retention in a 3rd-order Indiana stream. *Journal of the North American Benthological Society* 11:341-349.
26. **Lamberti, G.A.** 1993. Grazing experiments in artificial streams. *Journal of the North American Benthological Society* 12:337-342.
27. *Tait, C.K., J.L. Li, **G.A. Lamberti**, T.N. Pearsons, and H.W. Li. 1994. Relationships between riparian cover and the community structure of high desert streams. *Journal of the North American Benthological Society* 13:45-56.
28. Li, H.W., **G.A. Lamberti**, T.N. Pearsons, *C.K. Tait, J.L. Li, and J.C. Buckhouse. 1994. Cumulative effects of riparian disturbances on high desert trout streams of the John Day Basin, Oregon. *Transactions of the American Fisheries Society* 123:627-640.
29. **Lamberti, G.A.**, and M.B. Berg. 1995. Invertebrates and other benthic features as indicators of environmental change in Juday Creek, Indiana. *Natural Areas Journal* 15:249-258.
30. **Lamberti, G.A.**, S.V. Gregory, L.R. Ashkenas, J.L. Li, A.D. Steinman and C.D. McIntire. 1995. Influences of grazer type and abundance on plant-herbivore interactions in streams. *Hydrobiologia* 306: 179-188.
31. #Maloney, D.C., and **G.A. Lamberti**. 1995. Rapid decomposition of summer-input leaves in a northern Michigan stream. *American Midland Naturalist* 133:184-195.
32. *Horvath, T.G., **G.A. Lamberti**, D.M. Lodge, and +W.L. Perry. 1996. Zebra mussels in lake-stream systems: source-sink dynamics? *Journal of the North American Benthological Society* 15:564-575.
33. *Charlebois, P.M., and **G.A. Lamberti**. 1996. Invading crayfish in a Michigan stream: direct and indirect effects on periphyton and macroinvertebrates. *Journal of the North American Benthological Society* 15:551-563.
34. +Perry, W.L., D.M. Lodge, and **G.A. Lamberti**. 1997. Impact of crayfish predation on exotic zebra mussels and native invertebrates in a lake-outlet stream. *Canadian Journal of Fisheries and Aquatic Sciences* 54:120-125.
35. **Lamberti, G.A.**, and A.D. Steinman. 1997. A comparison of primary production in stream ecosystems. *Journal of the North American Benthological Society* 16:95-104.
36. *Horvath, T.G., and **G.A. Lamberti**. 1997. Drifting macrophytes as a mechanism for zebra mussel (*Dreissena polymorpha*) invasion of lake-outlet streams. *American Midland Naturalist* 138:29-36.
37. *Fullerton, A.H., **G.A. Lamberti**, D.M. Lodge, and M.B. Berg. 1998. Prey preferences of Eurasian ruffe and yellow perch: comparison of laboratory results with composition of Great Lakes benthos. *Journal of Great Lakes Research* 24:319-328.

38. *Horvath, T.G., and **G.A. Lamberti**. 1999. Recruitment and growth of zebra mussels (*Dreissena polymorpha*) in a coupled lake-stream system. *Archives fur Hydrobiologie* 145:197-217.
39. *Horvath, T.G., and **G.A. Lamberti**. 1999. Mortality of zebra mussel, *Dreissena polymorpha* (Pallas), veligers during downstream transport. *Freshwater Biology* 41:1-8.
40. *Horvath, T.G., #K.M. Martin, and **G.A. Lamberti**. 1999. Effect of zebra mussels, *Dreissena polymorpha*, on macroinvertebrates in a lake-outlet stream. *American Midland Naturalist* 142:340-347.
41. *Stelzer, R.S., and **G.A. Lamberti**. 1999. Independent and interactive effects of crayfish and darters on a stream benthic community. *Journal of the North American Benthological Society* 18:524-532.
42. +Lewis, K.M., J.L. Feder, and **G.A. Lamberti**. 2000. Population genetics of the zebra mussel, *Dreissena polymorpha* (Pallas): Local allozyme differentiation within Midwestern lakes and streams. *Canadian Journal of Fisheries and Aquatic Sciences* 57:637-643.
43. *Fullerton, A.H., **G.A. Lamberti**, D.M. Lodge, and F.W. Goetz. 2000. Potential for resource competition between Eurasian ruffe and yellow perch: growth and RNA responses in laboratory experiments. *Transactions of the American Fisheries Society* 129:1331-1339.
44. *Strauss, E.A., and **G.A. Lamberti**. 2000. Regulation of nitrification in aquatic sediments by organic carbon. *Limnology and Oceanography* 45:1854-1859.
45. +Lewis, K.M., J.L. Feder, *T.G. Horvath, and **G.A. Lamberti**. 2000. Heterozygosity and fitness: no strong association in Great Lakes populations of the zebra mussel, *Dreissena polymorpha* (Pallas). *Malacologica* 42:113-122.
46. +Perry, W.L., D.M. Lodge, and **G.A. Lamberti**. 2000. Crayfish (*Orconectes rusticus*) impacts on zebra mussel (*Dreissena polymorpha*) recruitment, other macroinvertebrates and algal biomass in a lake-outlet stream. *American Midland Naturalist* 144:308-316.
47. *Stelzer, R.S., and **G.A. Lamberti**. 2001. Effects of N:P ratio and total nutrient concentration on stream periphyton community structure, biomass, and elemental composition. *Limnology and Oceanography* 46:356-367.
48. *Strauss, E.A., and **G.A. Lamberti**. 2002. Effect of dissolved organic carbon quality on microbial decomposition and nitrification rates in stream sediments. *Freshwater Biology* 47:65-74.
49. *Stelzer, R.S., and **G.A. Lamberti**. 2002. Ecological stoichiometry in running waters: periphyton chemical composition and snail growth. *Ecology* 83:1039-1051.
50. *Strauss, E.A., *N. L. Mitchell, and **G.A. Lamberti**. 2002. Factors regulating nitrification in aquatic sediments: effects of organic carbon, nitrogen availability, and pH. *Canadian Journal of Fisheries and Aquatic Sciences* 59:554-563.
51. ^Chaloner, D.T., #K.M. Martin, M.S. Wipfli, P.H. Ostrom, and **G.A. Lamberti**. 2002. Marine carbon and nitrogen isotopes in southeastern Alaska stream food webs: evidence from artificial and natural streams. *Canadian Journal of Fisheries and Aquatic Sciences* 59:1257-1265.
52. ^Frost, P.C., *R.S. Stelzer, **G.A. Lamberti**, and J.J. Elser. 2002. Ecological stoichiometry of trophic interactions in the benthos: Understanding the role of C:N:P ratios in littoral and lotic habitats. *Journal of the North American Benthological Society* 21:515-528.
53. +Kolar, C.S., *A.H. Fullerton, #K.M. Martin, and **G.A. Lamberti**. 2002. Influence of zebra mussels on interactions of Eurasian ruffe, yellow perch, and invertebrate prey. *Journal of Great Lakes*

Research 28:664-673.

54. Leung, B., D.M. Lodge, D. Finnoff, J.F. Shogren, M.A. Lewis, and **G.A. Lamberti**. 2002. An ounce of prevention or a pound of cure: bioeconomic risk analysis of invasive species. *Proceedings of the Royal Society of London, Series B*. 269:2407-2413.
55. *Tillman, D.C., *A.H. Moerke, #C.L. Ziehl and **G.A. Lamberti**. 2003. Subsurface hydrology and degree of burial affect mass loss and invertebrate colonization of leaves in a woodland stream. *Freshwater Biology* 48:98-107 (Note: Featured in cover photograph for journal issue).
56. *Moerke, A.H., and **G.A. Lamberti**. 2003. Responses in fish community structure to restoration of two Indiana streams. *North American Journal of Fisheries Management* 23:748-759.
57. *Bauer, C.R., +C.H. Kellogg, S.D. Bridgham, and **G.A. Lamberti**. 2003. Mycorrhizal colonization across hydrologic gradients in restored and reference freshwater wetlands. *Wetlands* 23:961-968.
58. *Moerke, A.H., and **G.A. Lamberti**. 2004. Restoring stream ecosystems: Lessons from a Midwestern state. *Restoration Ecology* 12:327-334.
59. ^Chaloner, D.T., **G.A. Lamberti**, R.W. Merritt, *N.L. Mitchell, P.H. Ostrom, and M.S. Wipfli. 2004. Variation in responses to spawning Pacific salmon among three southeastern Alaska streams. *Freshwater Biology* 49:587-599.
60. *Moerke, A.H., +K.J. Gerard, +J.A. Latimore, R.A. Hellenthal, and **G.A. Lamberti**. 2004. Restoration of an Indiana, USA, stream: Bridging the gap between basic and applied lotic ecology. *Journal of the North American Benthological Society* 23:647-660.
61. *Mitchell, N.L., and **G.A. Lamberti**. 2005. Responses in dissolved nutrients and epilithon abundance to spawning salmon in Southeast Alaska streams. *Limnology and Oceanography* 50:217-227
62. ^Bernot, R.J., M.A. Brueseke, *M.A. Evans-White, and **G.A. Lamberti**. 2005. Acute and chronic toxicity of imidazolium-based ionic liquids on *Daphnia magna*. *Environmental Toxicology and Chemistry* 24: 87-92.
63. ^Bernot, R.J., #E.E. Kennedy, and **G.A. Lamberti**. 2005. Effects of ionic liquids on the survival, movement, and feeding behavior of the freshwater snail, *Physa acuta*. *Environmental Toxicology and Chemistry* 24:1759-1765.
64. *Evans-White, M.A., and **G.A. Lamberti**. 2005. Grazer species effects on epilithon nutrient composition. *Freshwater Biology* 50:1853-1863.
65. *Evans-White, M.A., *R.S. Stelzer and **G.A. Lamberti**. 2005. Taxonomic and regional patterns in benthic macroinvertebrate elemental composition in streams. *Freshwat. Biol.* 50:1786-1799.
66. ^Frost, P.C. *J.H. Larson, #L.E. Kinsman, **G.A. Lamberti**, and S.D. Bridgham. 2005. Attenuation of ultraviolet radiation in streams of northern Michigan. *Journal of the North American Benthological Society* 24:246-255.
67. *Bobeldyk, A.M., J.M. Bossenbroek, *M.A. Evans-White, D.M. Lodge, and **G.A. Lamberti**. 2005. Secondary spread of zebra mussels (*Dreissena polymorpha*) in coupled lake-stream systems. *Ecoscience* 12:339-346.
68. *Fullerton, A.H., and **G.A. Lamberti**. 2006. A comparison of habitat use and habitat-specific feeding efficiency by Eurasian ruffe (*Gymnocephalus cernuus*) and yellow perch (*Perca flavescens*). *Ecology of Freshwater Fish* 15:1-9.

69. ^Frost, P.C., *J.H. Larson, C.A. Johnston, +K.C. Young, P.A. Maurice, **G.A. Lamberti**, D.M. Lodge, and S.E. Bridgham. 2006. Landscape predictors of stream dissolved organic matter concentration and physiochemistry in a Lake Superior river watershed. *Aquatic Sciences* 68:40-51.
70. ^Rosi-Marshall, E. J., *A. H. Moerke, and **G. A. Lamberti**. 2006. Ecological responses to trout habitat rehabilitation in a northern Michigan stream. *Environmental Management* 38:99-107.
71. *Moerke, A.H. and **G.A. Lamberti**. 2006. Scale-dependent influences on water quality, habitat, and fish communities in streams of the Kalamazoo River Basin, Michigan (USA). *Aquatic Sciences* 68:193-205.
72. ^Frost P.C., #A. Mack, *J.H. Larson, S.D. Bridgham, and **G.A. Lamberti**. 2006. Environmental controls of UV-B radiation in forested streams of northern Michigan. *Photochemistry and Photobiology* 82:781-786.
73. *Evans-White, M.A., and **G.A. Lamberti**. 2006. Stoichiometry of consumer-driven nutrient recycling across nutrient regimes in streams. *Ecology Letters* 9:1186-1197.
74. *Moerke, A.H., and **G.A. Lamberti**. 2006. Relationships between land use and stream ecosystems: a multistream assessment in southwestern Michigan. In: R.M. Hughes, L. Wang , and P.W. Seelbach (eds.) Landscape Influences on Stream Habitats and Biological Assemblages. *American Fisheries Society Symposium* 48:323-338.
75. *Cordova, J.M., ^E.J. Rosi-Marshall, *A.M. Yamamuro, and **G.A. Lamberti**. 2007. Quantity, controls and functions of large woody debris in Midwestern USA streams. *River Research and Applications* 23:21-33.
76. *Larson, J.H., ^P.C. Frost, Z. Zheng, C.A. Johnston, S.D. Bridgham, D.M. Lodge, and **G.A. Lamberti**. 2007. Effects of upstream lakes on dissolved organic matter in streams. *Limnology and Oceanography* 52:60-69.
77. ^Frost, P.C., C.T. Cherrier, *J.H. Larson, S.D. Bridgham, and **G.A. Lamberti**. 2007. Effects of dissolved organic matter and ultraviolet radiation on the accrual, stoichiometry and algal taxonomy of stream periphyton. *Freshwater Biology* 52:319-330.
78. *Bauer, C.R., *A.M. Bobeldyk, and **G.A. Lamberti**. 2007. Predicting habitat use and trophic interactions of Eurasian ruffe, round gobies, and zebra mussels in nearshore areas of the Great Lakes. *Biological Invasions* 9:667-678.
79. *Yamamuro, A.M., and **G.A. Lamberti**. 2007. Influence of organic matter on invertebrate colonization of sand substrate in a northern Michigan stream. *Journal of the North American Benthological Society* 26:244-252.
80. ^Chaloner, D.T., **G.A. Lamberti**, *A.D. Cak, *N.L. Blair, and R.T. Edwards. 2007. Inter-annual variation in the water chemistry and epilithon responses to Pacific salmon spawners in an Alaskan stream. *Freshwater Biology* 52:478-490.
81. *Entrekin, S.A., ^E.J. Rosi-Marshall, J.L. Tank, + T.J. Hoellein, and **G.A. Lamberti**. 2007. Macroinvertebrate secondary production in 3 forested streams of the upper Midwest, USA. *Journal of the North American Benthological Society* 26: 472-490.
82. *Larson, J.H., ^P.C. Frost, D.M. Lodge, and **G.A. Lamberti**. 2007. Photodegradation of dissolved organic matter in forested streams of the northern Great Lakes region. *Journal of the North American Benthological Society* 26:416-425.
83. +Hoellein, T.J., J.L. Tank, ^E.J. Rosi-Marshall, *S.A. Entrekin, and **G.A. Lamberti**. 2007. Controls on spatial and temporal variation of nutrient uptake in three Michigan headwater streams.

Limnology and Oceanography 52:1964-1977.

84. *Kulacki, K.J., ^D.T. Chaloner, *D.M. Costello, +K.M. Docherty, *J.H. Larson, ^R.J. Bernot, M.A. Brueseke, C.F. Kulpa Jr., and **G.A. Lamberti**. 2007. Aquatic toxicity and biodegradation of ionic liquids: A synthesis. *Chemistry Today* 25(suppl. 6):32-36.
85. Johnston, C.A., B.A. Shmagin, ^P.C. Frost, C. Cherrier, *J.H. Larson, **G.A. Lamberti**, and S.D. Bridgham. 2008. Wetland types and wetland maps differ in ability to predict dissolved organic carbon concentrations in streams. *Science of the Total Environment* 404:326-334.
86. *Kulacki, K.J., and **G.A. Lamberti**. 2008. Toxicity of imidazolium ionic liquids to freshwater algae. *Green Chemistry* 10:104-110.
87. ^Tiegs, S.D., ^D.T. Chaloner, +P. Levi, *J. Rueegg, J.L. Tank and **G.A. Lamberti**. 2008. Timber harvest transforms ecological roles of salmon in Southeast Alaska rainforest streams. *Ecological Applications* 18:4-11. (Note: Featured in cover photograph for journal issue)
88. *Bernot, R.J., and **G.A. Lamberti**. 2008. Indirect effects of a parasite on a benthic community: An experiment with trematodes, snails, and periphyton. *Freshwater Biology* 53:322-329.
89. *Larson, J.H., ^P.C. Frost, and **G.A. Lamberti**. 2008. Variable toxicity of ionic liquids to *Lemna minor* and the influence of dissolved organic matter. *Environmental Toxicology and Chemistry* 27:676-681.
90. *Cak, A.D., ^D.T. Chaloner, and **G.A. Lamberti**. 2008. Effects of spawning salmon on dissolved nutrients and epilithon in coupled stream-estuary systems of southeastern Alaska. *Aquatic Sciences* 70:69-178.
91. *Bobeldyk, A.M. and **G.A. Lamberti**. 2008. A decade after invasion: Evaluating the continuing effects of rusty crayfish on a Michigan river. *Journal of Great Lakes Research* 34:265-275.
92. *Entrekin, S.A., J.L. Tank, ^E.J. Rosi-Marshall, +T.J. Hoellein, and **G.A. Lamberti**. 2008. Responses in organic matter accumulation and processing to an experimental wood addition in three headwater streams. *Freshwater Biology* 53:1642-1657.
93. *Cordova, J.M., ^E.J. Rosi-Marshall, J.L. Tank, and **G.A. Lamberti**. 2008. Coarse particulate organic matter transport in low-gradient streams of the Upper Peninsula of Michigan. *Journal of the North American Benthological Society* 27:760-771.
94. *Costello, D.M., and **G.A. Lamberti**. 2008. Non-native earthworms in riparian soils increase nitrogen flux into adjacent aquatic ecosystems. *Oecologia* 158 499-510.
95. *Evans-White, M.A., and **G.A. Lamberti**. 2009. Direct and indirect effects of a potential aquatic contaminant on grazer-algae interactions. *Environmental Toxicology and Chemistry* 28:418-426.
96. *Janetski, D.J., ^D.T. Chaloner, S.D. Tiegs, and **G.A. Lamberti**. 2009. Pacific salmon effects on stream ecosystems: a quantitative synthesis. *Oecologia* 159:583-95.
97. *Costello, D.M., #L.M. Brown, and **G.A. Lamberti**. 2009. Acute toxic effects of ionic liquids on zebra mussel (*Dreissena polymorpha*) survival and feeding. *Green Chemistry* 11:548-553.
98. *Entrekin, S.A., J.L. Tank, ^E.J. Rosi-Marshall, +T.J. Hoellein, and **G.A. Lamberti**. 2009. Responses of secondary production by macroinvertebrates to large wood addition in three Michigan streams. *Freshwater Biology* 54:1741-1748.
99. ^Tiegs, S.D., +E.Y. Campbell, +P.S. Levi, *J. Ruegg, M.E. Benbow, ^D.T. Chaloner, R.W. Merritt, J.L. Tank and **G.A. Lamberti**. 2009. Separating physical disturbance and nutrient enrichment

caused by Pacific salmon in stream ecosystems. *Freshwater Biology* 54:1864-1875.

100. *Costello, D.M., and **G.A. Lamberti**. 2009. Biological and physical effects of non-native earthworms on nitrogen cycling in riparian soils. *Soil Biology & Biochemistry* 41:2230-2235.
101. **Lamberti, G.A.**, D.T. Chaloner, and A.E. Hershey. 2010. Linkages among aquatic ecosystems. *Journal of the North American Benthological Society* 29:245-263.
102. *Bobeldyk, A.M. and **G.A. Lamberti**. 2010. Stream food web responses to a large omnivorous invader, *Orconectes rusticus* (Decapoda, Cambaridae). *Crustaceana* 83:641-657.
103. *Shirey, P.D., and **G.A. Lamberti**. 2010. Assisted colonization under the U.S. Endangered Species Act. *Conservation Letters* 3:45-52. DOI: 10.1111/j.1755-263X.2009.00083.x.
104. #Sena, D.W., *K.J. Kulacki, D.T. Chaloner, and **G.A. Lamberti**. 2010. The role of the cell wall in the susceptibility of *Chlamydomonas reinhardtii* to ionic liquids. *Green Chemistry* 12: 1066-1071.
105. *Costello, D.M., ^S.D. Tiegs, and **G.A. Lamberti**. 2011. Do non-native earthworms in Southeast Alaska use streams as invasional corridors in watersheds harvested for timber? *Biological Invasions* 13:177-187. DOI: 10.1007/s10530-010-9800-1
106. *Janetski, D.J., A. H. Moerke, D.T. Chaloner, and **G.A. Lamberti**. 2011. Spawning salmon increase brook trout movements in a Lake Michigan tributary. *Ecology of Freshwater Fish*: 20: 209-219. DOI: 10.1111/j.1600-0633.2010.00479.x
107. *Rüegg, J., ^S.D. Tiegs, D.T. Chaloner, +P.S. Levi, J.L. Tank, and **G.A. Lamberti**. 2011. Salmon subsidies alleviate nutrient limitation of benthic biofilms in Southeast Alaska streams. *Canadian Journal of Fisheries and Aquatic Sciences* 68:277-287.
108. *Shirey, P.A., and **G.A. Lamberti**. 2011. Regulate trade in rare plants. *Nature* 469:465-467.
109. +Campbell, E.Y., M.E. Benbow, ^S.D. Tiegs, J.P. Hudson, **G. A. Lamberti**, and R. W. Merritt. 2011. Timber harvest intensifies spawning-salmon disturbance of macroinvertebrates in Southeast Alaska streams. *Journal of the North American Benthological Society*: 30:49-59
110. ^Tiegs, S.D., +P.S. Levi, *J. Rüegg, D.T. Chaloner, J.L. Tank, and **G.A. Lamberti**. 2011. Ecological effects of live salmon exceed those of carcasses during an annual spawning migration. *Ecosystems* 14:598-614
111. Resh, V.H., M. Hannaford, J.K. Jackson, **G.A. Lamberti**, and P.K. Mendez. 2011. The biology of the limnephilid caddisfly *Dicosmoescus gilvipes* (Hagen) in Northern California and Oregon (USA) streams. *Zoosymposia* 5:413-419
112. *Kulacki, K.J., D.T. Chaloner, *J.H. Larson, *D.M. Costello, *M.A. Evans-White, +K.M. Docherty, ^R.J. Bernot, M.A. Brueseke, C.F. Kulpa Jr., and **G.A. Lamberti**. 2011. Proactive aquatic ecotoxicological assessment of room-temperature ionic liquids. *Current Organic Chemistry* 15:1918-1927
113. +Levi P.S., J.L. Tank, ^S.D. Tiegs, *J. Rüegg, D.T. Chaloner, and **G.A. Lamberti**. 2011. Does timber harvest influence the dynamics of marine-derived nutrients in Southeast Alaska streams? *Canadian Journal of Fisheries and Aquatic Sciences* 68:1316-1329
114. +Collins, S.F., A.H. Moerke, D.T. Chaloner, *D.J. Janetski, and **G.A. Lamberti**. 2011. Response of dissolved nutrients and periphyton to spawning Pacific salmon in three northern Michigan streams. *Journal of the North American Benthological Society* 30:831-839
115. *Rüegg, J., D.T. Chaloner, +P.S. Levi, J.L. Tank, ^S.D. Tiegs, and **G.A. Lamberti**. 2012. Environmental variability and the ecological effects of spawning Pacific salmon on stream biofilm.

Freshwater Biology 57:129-142. DOI: 10.1111/j.1365-2427.2011.02703.x

116. *Janetski, D.J., D.T. Chaloner, A.H. Moerke, R.R. Rediske, J.P. O'Keefe, and **G.A. Lamberti**. 2012. Resident fishes display elevated organic pollutants in salmon spawning streams of the Great Lakes. *Environmental Science & Technology* 46:8035-8043 DOI: 10.1021/es301864k
117. +Levi, P.S., J.L. Tank, ^S.D. Tiegs, *J. Rüegg, D.T. Chaloner, and **G.A. Lamberti**. 2012. Does timber harvest influence the dynamics of marine-derived nutrients in Southeast Alaska streams? A reply to Jackson and Martin. *Canadian Journal of Fisheries and Aquatic Sciences* 69:1898-1901
118. +Hoellein, T.J., J.L. Tank, *S.A. Entrekin, ^E.J. Rosi-Marshall, +M.L. Stephen, and **G.A. Lamberti**. 2012. Effects of a benthic habitat restoration on nutrient uptake and ecosystem metabolism in three headwater streams. *River Research and Applications* 28:1451–1461. DOI: 10.1002/rra.1547
119. +Levi, P.S., J.L. Tank, *J. Rüegg, *D.J. Janetski, ^S.D. Tiegs, D.T. Chaloner, and **G.A. Lamberti**. 2013. Whole-stream metabolism response to spawning Pacific salmon in their native and introduced ranges. *Ecosystems* 16:269-283. DOI 10.1007/s10021-012-9613-4.
120. +Levi, P.S., J.L. Tank, ^S.D. Tiegs, D.T. Chaloner, and **G.A. Lamberti**. 2013. Biogeochemical transformation of a nutrient subsidy: salmon, streams, and nitrification. *Biogeochemistry* 113:643-655. DOI 10.1007/s10533-012-9794-0
121. +Reisinger, A.J., D.T. Chaloner, *J. Rüegg, ^S.D. Tiegs, and **G.A. Lamberti**. 2013. Effects of Pacific salmon spawners on the isotopic composition of biota differ across Southeast Alaska streams. *Freshwater Biology* 58:938-950
122. *Shirey, P.A., #B.N. Kunycky, D.T. Chaloner, M.A. Brueseke, and **G.A. Lamberti**. 2013. Commercial trade of federally listed threatened and endangered plants in the United States. *Conservation Letters* 6:300-316. DOI: 10.1111/conl.12031
123. *Janetski, D.J., D.T. Chaloner, A.H. Moerke, +P.S. Levi, and **G.A. Lamberti**. 2014. Novel environmental conditions alter subsidy and engineering effects by introduced Pacific salmon. *Canadian Journal of Fisheries and Aquatic Sciences* 71:502–513 DOI 10.1139/cjfas-2013-0292
124. *Cooper, M.J., **G.A. Lamberti**, and D.G. Uzarski. 2014. Spatial and temporal trends in invertebrate communities of Great Lakes coastal wetlands, with emphasis on Saginaw Bay of Lake Huron. *Journal of Great Lakes Research Supplement* 40:168–182 DOI 10.1016/j.jglr.2013.12.003
125. *Rüegg, J., #C.M. Currier, D.T. Chaloner, ^S.D. Tiegs, and **G.A. Lamberti**. 2014. Habitat influences Pacific salmon (*Oncorhynchus* spp.) tissue decomposition in riparian and stream ecosystems. *Journal of Aquatic Sciences* 76:623-632 DOI 10.1007/s00027-014-0359-2
126. *Bobeldyk, A.M., *J. Rüegg, and **G.A. Lamberti**. 2015. Freshwater hotspots of biological invasions are a function of species-pathway interactions. *Hydrobiologia* 746:363-373. DOI 10.1007/s10750-014-2009-z
127. *Evans, N.T., C.W. Riley, and **G.A. Lamberti**. 2015. Culvert replacement enhances connectivity of stream fish communities in a Michigan drainage network. *Transactions of the American Fisheries Society* 144:967-976 DOI: 10.1080/00028487.2015.1054519
128. *Evans, N.T., B.P. Olds, M.A. Renshaw, +C.R. Turner, C.L. Jerde, A.R. Mahon, M.E. Pfrender, **G.A. Lamberti**, and D.M. Lodge. 2016. Quantification of mesocosm fish and amphibian species diversity via environmental DNA metabarcoding. *Molecular Ecology Resources* 16:29-41. DOI: 10.1111/1755-0998.12433
129. *Cooper, M.J., G.M. Costello, S.N. Francoeur, and **G.A. Lamberti**. 2016. Nitrogen limitation of algal biofilms in coastal wetlands of Lakes Michigan and Huron. *Freshwater Science* 35(1):25-40

130. *Gerig, B.S., D.T. Chaloner, *D.J. Janetski, R.A. Rediske, J.P. O'Keefe, A.H. Moerke, and **G.A. Lamberti**. 2016. Congener patterns of persistent organic pollutants establish the extent of contaminant biotransport by Pacific salmon in the Great Lakes. *Environmental Science and Technology* 50:554–563 DOI: 10.1021/acs.est.5b05091
131. +Yoo, B., B. Jing, S.E. Jones, **G.A. Lamberti**, Y. Zhu, J.K. Shah, and E.J. Maginn. 2016. Molecular mechanisms of ionic liquid cytotoxicity probed by an integrated experimental and computational approach. *Nature Scientific Reports* 6, 19889 DOI: 10.1038/srep19889.
132. #Smith, D.L., *M.J. Cooper, J.M. Kosiara, and **G.A. Lamberti**. 2016. Body burdens of heavy metals in Lake Michigan wetland turtles. *Environmental Monitoring and Assessment* 188:128-142 DOI: 10.1007/s10661-016-5118-5
133. Olds, B.P., C.L. Jerde, M.A. Renshaw, *Y. Li, *N. T. Evans, *C.R. Turner, K. Deiner, A.R. Mahon, M.A. Brueseke, *P.D. Shirey, M.E. Pfrender, D.M. Lodge, and **G.A. Lamberti**. 2016. Estimating species richness using environmental DNA. *Ecology and Evolution* 6:4214-4226. doi: 10.1002/ece3.2186
134. *Shirey, P.D. M.A. Brueseke, +J.B. Kenny, and **G.A. Lamberti**. 2016. Long-term fish community response to a reach-scale stream restoration. *Ecology and Society* 21(3):11. [online] URL: <http://www.ecologyandsociety.org/vol21/iss3/art11/>
135. Uzarski, D.G., and 26 others including **G.A. Lamberti**. 2017. Standardized measures of coastal wetland condition: Implementation at a Laurentian Great Lakes basin-wide scale. *Wetlands* 37:15-32 DOI: 10.1007/s13157-016-0835-7
136. *Evans, N.T., *P.D. Shirey, J.G. Wieringa, A.R. Mahan, and **G.A. Lamberti**. 2017. Comparative cost and effort of fish distribution detection via environmental DNA analysis and electrofishing. *Fisheries* 42:90-99 (**Feature Article**)
137. *Vizza, C., +W.E. West, S.E. Jones, #J.A. Hart, and **G.A. Lamberti**. 2017. Regulators of coastal wetland methane production and responses to simulated global change. *Biogeosciences* 14:431–446
138. *Evans, N.T., +Y. Li, M.A. Renshaw, B.P. Olds, K. Deiner, +C.R. Turner, C.L. Jerde, D.M. Lodge, **G.A. Lamberti**, and M.E. Pfrender. In press. Fish community assessment with eDNA metabarcoding: Effects of sampling design and bioinformatic filtering. *Canadian Journal of Fisheries and Aquatic Sciences*
139. *Vizza, C., +J.A. Zwart, S.E. Jones, S.D. Tiegs, and **G. A. Lamberti**. In press. Landscape patterns shape wetland pond ecosystem function from glacial headwaters to ocean. *Limnology and Oceanography*
140. Vanni, M.J., and 68 others including **G. A. Lamberti**. 2017. A global database of nitrogen and phosphorus excretion rates of aquatic animals. *Ecology* 98:1475-XXXX DOI: 10.1002/ecy.1792
141. *Gerig, B.S., #D.N. Weber, D.T. Chaloner, #L.M. McGill, and **G.A. Lamberti**. In press. Interactive effects of introduced Pacific salmon and brown trout on native brook trout: An experimental and modeling approach. *Canadian Journal of Fisheries and Aquatic Sciences*.
142. #McGill, L.M., *B.S. Gerig, D.T. Chaloner, and **G.A. Lamberti**. 2017. An ecosystem model for evaluating the effects of introduced Pacific salmon on contaminant burdens of stream-resident fish. *Ecological Modelling* 355: 39-48.

143. *Evans, N.T., and **G.A. Lamberti**. In press. Freshwater fisheries assessment using environmental DNA: A primer on the method, its potential, and shortcomings as a conservation tool. *Fisheries Research*

Papers Submitted

144. *Entekin, S.A., ^E.J. Rosi-Marshall, J.L. Tank, +T.J. Hoellein, +B. Holland, and **G.A. Lamberti**. In revision. Experimental wood addition changes energy flow and food web structure of a Michigan stream. *Freshwater Biology*
145. *Cooper, M.J., and 10 others including **G.A. Lamberti**. In revision. An expanded fish-based index of biotic integrity for Great Lakes coastal wetlands. *Wetlands*
146. #Hart, J.A., *C. Vizza, +W.E. West, S.E. Jones, and G.A. Lamberti. In revision. Methane cycling produces distinct patterns in carbon stable isotopes of wetland detritus. *Freshwater Biology*

Books and Monographs

147. Resh, V.H., **G.A. Lamberti**, E.P. McElravy, J.R. Wood, and J.W. Feminella. 1984. Quantitative methods for evaluating the effects of geothermal energy development on stream benthic communities at The Geysers, California. *Calif. Water Res. Center Contr. No. 190*. 57 pp.
148. **Lamberti, G.A.**, and A.D. Steinman (editors). 1993. Research in Artificial Streams: Applications, Uses, and Abuses. *J. N. Am. Benthol. Soc.* 12:313-384.
149. Hauer, F.R., and **G.A. Lamberti** (editors). 1996. *Methods in Stream Ecology*. Academic Press, San Diego, CA. 674 pp.
150. Hauer, F.R., and **G.A. Lamberti** (editors). 2006. *Methods in Stream Ecology*, Second Edition. Elsevier, Amsterdam. 877 pp.
151. Hauer, F.R., and **G.A. Lamberti** (editors). 2017. *Methods in Stream Ecology*, Third Edition. Volume 1: Ecosystem Structure. Elsevier, Amsterdam. 494 pp.
152. **Lamberti, G.A.**, and F.R. Hauer (editors). 2017. *Methods in Stream Ecology*, Third Edition. Volume 2: Ecosystem Function. Elsevier, Amsterdam. 362 pp.

Book Chapters and Invited Reviews

153. **Lamberti, G.A.**, and J.W. Moore. 1984. Aquatic insects as primary consumers. Pp.164-195 *In*: V.H. Resh and D.M. Rosenberg (eds.). *The Ecology of Aquatic Insects*. Praeger Publishers, New York.
154. Eriksen, C.H., V.H. Resh, S.S. Balling, and **G.A. Lamberti**. 1984. Aquatic insect respiration. Pp. 27-37 *In*: R.W. Merritt and K.W. Cummins (eds.). *An Introduction to the Aquatic Insects of North America*. 2nd ed. Kendall-Hunt Publishers, Dubuque, IA.
155. Gregory, S.V., **G.A. Lamberti**, D.C. Erman, K.V. Koski, M.L. Murphy, and J.R. Sedell. 1986. Influence of forest practices on aquatic production. Pp. 233-255 *In*: E.O. Salo and T.W. Cundy (eds.). *Streamside Management: Forestry and Fishery Interactions*. Inst. Forest Resources, Univ. of Washington, Seattle.
156. Gregory, S.V., R.C. Wildman, L.R. Ashkenas, and **G.A. Lamberti**. 1990. The ecology and chemistry of caldera springs of Crater Lake National Park. Pp. 81-89 *In*: E.T. Drake, G.L. Larson, J. Dymond, and R. Collier (eds.) *Crater Lake: An Ecosystem Study*. Pacific Division of AAAS, San Francisco, CA.

157. Eriksen, C.H., V.H. Resh, and **G.A. Lamberti**. 1996. Aquatic insect respiration. Pp. 29-40 *In*: R.W. Merritt and K.W. Cummins (eds.). *An Introduction to the Aquatic Insects of North America*. 3rd ed. Kendall-Hunt Publishers, Dubuque, IA.
158. **Lamberti, G.A.** 1996. The role of periphyton in benthic food webs. Pp. 533-572 *In*: R.J. Stevenson, M.L. Bothwell, and R.L. Lowe (eds.). *Algal Ecology in Freshwater Benthic Ecosystems*. Academic Press, San Diego, CA.
159. McIntire, C.D., S.V. Gregory, A.D. Steinman, and **G.A. Lamberti**. 1996. Modeling benthic algal communities: an example from stream ecology. Pp. 669-704 *In*: R.J. Stevenson, M.L. Bothwell, and R.L. Lowe (eds.). *Algal Ecology in Freshwater Benthic Ecosystems*. Academic Press, San Diego, CA.
160. **Lamberti, G.A.**, and S.V. Gregory. 1996. Transport and retention of CPOM. Pp. 217-229 *In*: F.R. Hauer and G.A. Lamberti (eds.). *Methods in Stream Ecology*. Academic Press, San Diego, CA.
161. **Lamberti, G.A.**, and J.W. Feminella. 1996. Plant-herbivore interactions. Pp. 409-430 *In*: F.R. Hauer and G.A. Lamberti (eds.). *Methods in Stream Ecology*. Academic Press, San Diego, CA.
162. Steinman, A.D., and **G.A. Lamberti**. 1996. Biomass and pigments of benthic algae. Pp. 295-313 *In*: F.R. Hauer and G.A. Lamberti (eds.). *Methods in Stream Ecology*. Academic Press, San Diego, CA.
163. Hershey, A.E., and **G.A. Lamberti**. 1998. Stream macroinvertebrate communities. Pp. 165-195 *In*: R.J. Naiman and R.E. Bilby (eds.). *River Ecology and Management*. Springer, New York.
164. Hershey, A.E., and **G.A. Lamberti**. 2001. Aquatic insect ecology. Pp. 733-775 *In*: J.H. Thorp and A.P. Covich (eds.). *Ecology and Classification of North American Freshwater Invertebrates*. Academic Press, San Diego.
165. F.R. Hauer, C.N. Dahm, **G.A. Lamberti** and J.A. Stanford. 2003. Landscapes and ecological variability of rivers in North America: Factors affecting restoration strategies. Pp. 81-105 *In*: R.C. Wissmar and P.A. Bisson (eds.). *Strategies for Restoring River Ecosystems: Sources of Variability and Uncertainty in Natural and Managed Systems*. American Fisheries Society, Bethesda, MD.
166. Thorp, J.H., **G.A. Lamberti**, and A.F. Casper. 2005. St. Lawrence River Basin. Pp. 983-1028 *In*: A. Benke, and C.E. Cushing (eds.) *Rivers of North America*. Academic Press, San Diego, CA.
167. **Lamberti, G.A.**, and S.V. Gregory. 2006. CPOM transport, retention, and measurement. Pp. 273-289 *In*: F.R. Hauer and G.A. Lamberti (eds.). *Methods in Stream Ecology*, 2nd edition. Elsevier, Amsterdam.
168. **Lamberti, G.A.**, J.W. Feminella and C.M. Pringle. 2006. Primary producer-consumer interactions. Pp. 537-559 *In*: F.R. Hauer and G.A. Lamberti (eds.). *Methods in Stream Ecology*, 2nd edition. Elsevier, Amsterdam.
169. Steinman, A.D., **G.A. Lamberti** and P.R. Leavitt. 2006. Biomass and pigments of benthic algae. Pp. 357-379 *In*: F.R. Hauer and G.A. Lamberti (eds.). *Methods in Stream Ecology*, 2nd edition. Elsevier, Amsterdam.
170. Moerke, A.H. and **G.A. Lamberti**. 2006. Effects of watershed land use on stream ecosystems: A multi-stream assessment in the midwestern U.S. Pp. 323-338 *In*: R. M. Hughes, L. Wang, and P. W. Seelbach (eds.). *Landscape influences on stream habitats and biological assemblages*. American Fisheries Society Symposium 48, Bethesda, Maryland.
171. Bridgham, S.D., and **G.A. Lamberti**. 2009. Decomposition in wetlands. Pp. 326-346 *In*: E. Maltby and T. Barker (eds.). *The Wetlands Handbook*. Wiley-Blackwell, Oxford.

172. Chaloner, D.T., A.E. Hershey, and **G.A. Lamberti**. 2009. Benthic invertebrate fauna. Pp. 157-172 In: G.E. Likens (ed.) *Encyclopedia of Inland Waters* (Vol. 2). Elsevier, Amsterdam.
173. Kelly, D.W., **G.A. Lamberti**, and H.J. MacIsaac. 2009. The Laurentian Great Lakes as a case study of biological invasion. Pp. 205-225 In: R.P. Keller, D.M. Lodge, M.A. Lewis, and J.F. Shogren (eds.). *Bioeconomics of Invasive Species: Integrating Ecology, Economics, Policy and Management*. Oxford University Press.
174. Hershey, A.E., **G.A. Lamberti**, D.T. Chaloner, and R.M. Northington. 2010. Aquatic insect ecology. Pp. 659-694 In: J.H. Thorp and A. P. Covich (eds.). *Ecology and Classification of North American Freshwater Invertebrates* (Third Edition). Elsevier, New York, NY.
175. Suckow, M.A., and **G.A. Lamberti**. 2017. Institutional Animal Care and Use Committee. Pp. 65-74 In: M.A. Suckow and K.L. Stewart (eds.). *Principles of Animal Research for Graduate and Undergraduate Students*. Elsevier, London, UK.
176. **Lamberti, G.A.**, Entekin, S.A., Griffiths, N.A., and Tiegs, S.D., 2017. Coarse Particulate Organic Matter: Storage, Transport, and Retention. In: Lamberti, G.A., Hauer, F.R. (Eds.), *Methods in Stream Ecology: Volume 2: Ecosystem Function*. Elsevier, Academic Press, pp. 55–69.

Contributions to Symposium Proceedings

177. **Lamberti, G.A.** and V.H. Resh. 1977. Spatial distribution patterns and sampling variability in the benthic chironomid fauna of Clear Lake, California. *Proc. Pap. Annu. Conf. Calif. Mosq. Control Assoc.* 45:222-225.
178. **Lamberti, G.A.** and V.H. Resh. 1980. Geothermal influences on the interactions of benthic algae, bacteria, and herbivorous insects in a northern California stream. p. 10-12 In: *North American Benthological Society Special Symposia*, March 26-28, 1980.
179. **Lamberti, G.A.** and V.H. Resh. 1985. Seasonal patterns of invertebrate predators and prey in Coyote Hills Marsh. *Proc. Pap. Ann. Conf. Calif. Mosq. Control Assoc.* 52:126-128.
180. **Lamberti, G.A.**, and S.V. Gregory. 1989. The importance of riparian zones to stream ecosystems. p. 24-26 In: C. Toole (ed.) *Proceedings of the Salmon-Trout Restoration Federation Conference*, Arcata, CA. California Sea Grant Publication UCSGEP-89-02.
181. **Lamberti, G.A.**, S.V. Gregory, L.R. Ashkenas, R.C. Wildman, and A.D. Steinman. 1989. Influence of channel geomorphology on retention of dissolved and particulate matter in a Cascade Mountain stream. p. 33-40 In: D.L. Abell (ed.) *Proceedings of the California Riparian Systems Conference*. Gen. Tech. Rep. PSW-110, Pacific Southwest Forest and Range Experiment Station, USDA Forest Service, Berkeley, CA.
182. Gregory, S.V., **G.A. Lamberti**, and K.M.S. Moore. 1989. Influence of valley floor landforms on stream ecosystems. p. 3-8 In: D.L. Abell (ed.) *Proceedings of the California Riparian Systems Conference*. Gen. Tech. Rep. PSW-110, Pacific Southwest Forest and Range Experiment Station, USDA Forest Service, Berkeley, CA.

Book Reviews

183. Gregory, S. and **G. Lamberti**. 1985. *Periphyton of Freshwater Ecosystems* (R.G. Wetzel, ed.). *Bull. N. Am. Benth. Soc.* 2:69-70.
184. Lodge, D.M., **G.A. Lamberti**, J.M. Harding, and T.G. Horvath. 1993. *Zebra Mussels: Biology, Impacts, and Control*. (T.F. Nalepa and D.W. Schlosser, eds.). *J. N. Am. Benthol. Soc.* 12:302-304.
185. **Lamberti, G.A.** 1996. Scale is in the eye of the ecologist. Review of: *Aquatic Ecology: Scale, Pattern and Process*. (P.S. Giller, A.G. Hildrew, and D.G. Raffaelli, eds.). *Ecology* 77:565-657.

186. **Lamberti, G.A.** 2000. *The Biology of Streams and Rivers*. (P.S. Giller and B. Malmqvist). *J. N. Am. Benthol. Soc.* 19:758-760.