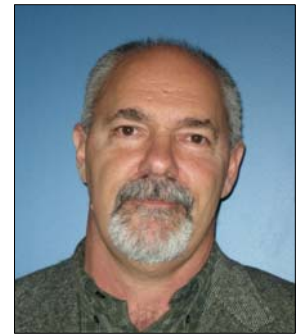


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Education: PhD Ecology, University of California, Davis, 1992
MS Environmental Engineering and Science, Univ. of Washington, 1984
BS Biology, Iowa State University, 1978

Major Fields: Aquatic ecology, limnology, lake/aquatic plant management, aquatic invasive species

Courses: Limnology and Aquatic Ecology; Road Ecology

Recent Publications:

- Pennington, T. and M.D. Sytsma. 2009. Seasonal changes in carbohydrate and nitrogen content of *Egeria densa* from populations in Oregon and California. *Invasive Plant Science and Management* 2: 120-129
- Davidson, I.C., C.W. Brown, M.D. Sytsma, and G. M. Ruiz. 2009 The role of containerships as transfer mechanisms of marine biofouling species. *Biofouling* 25: 645-655.
- Davidson, I., L. McCann, M. Sytsma, and G. Ruiz. 2008. Interrupting the vector stage of a multi-species transfer: the efficacy of in-water cleaning for removing biofouling on obsolete vessels. *Marine Pollution Bulletin* 56: 1538-1544.
- Sytsma, M.D. 2008. Introduction: workshop on submersed aquatic plant research priorities. *Journal of Aquatic Plant Management* 46: 1-7.
- Davidson, I.C., L.D. McCann, P.W. Fofonoff, M.D. Sytsma, and G. Ruiz. 2008. Assessing the potential for hull-mediated species transfers by obsolete ships on their final voyage. *Diversity and Distributions* 14(3):518-525.
- Hanson, E. and M.D. Sytsma. 2008. The potential for mitten crab, *Eriocheir sinensis* H. Milne Edwards, 1853 (Crustacea: Brachyura), invasion of Pacific Northwest and Alaskan estuaries. *Biological Invasions* 10: 603-614

Selected Recent Research Grants:

- Invasive aquatic plants and biosecurity plan for Micronesia. 2009-2010. Smithsonian Environmental Research Center and the Department of Defense/US Navy. \$301,288.
- Oregon Aquatic Plant Surveys, Outreach, and Management Planning in 2009-10. Oregon Department of Agriculture. \$41,854.
- Greater Yellowstone Area Aquatic Invasive Species Survey and Database Development. Carabou-Targahee National Forest in 2009. \$13,000.
- Oregon Lake Water Quality Database. Oregon Department of Environmental Quality. 2009. \$40,000.
- Development of monitoring priorities and an online database and implementation of monitoring for dreissenid mussels in California and Nevada. US Fish and Wildlife Service. 2008-2009. \$73,597.
- Spartina response plan for Alaska. NOAA. 2008-2009. \$19,982.
- Survival and growth rate of dreissenid mussels in the Columbia River Basin. Bonneville Power Administration and Pacific States Marine Fisheries Commission. \$162,431.

Professional Activities, Honors & Awards:

- Founding Member, Oregon Invasive Species Council
Founding Member, Western Regional Panel on Aquatic Invasive Species
2008 Outstanding Service Award, Oregon Chapter of the Wildlife Society
Distinguished Service Award, Oregon Department of Agriculture