

Todd D. Crail

The Bossenbroek Lab

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PROFESSIONAL PREPARATION

Ph.D. University of Toledo, Biology (Ecology track); 2008-present

M.S. University of Toledo, Biology (Ecology track); 2007

B.A. Bluffton University, Biology; 1995

APPOINTMENTS

2008 – present NSF GK-12 Fellow “Building an Environmental Science Learning Community at the Land-Lake Ecosystem Interface”, University of Toledo

2008 Research assistant, Lake Erie Center, University of Toledo

2005 - 2007 Teaching assistant, University of Toledo

PUBLICATIONS

J.D. Grabarkiewicz and **T.D. Crail**, 2008. Three Years of Unionid Surveys in Swan Creek, Lower Maumee River Watershed, Lucas Co., OH. Final Report to the Ohio Division of Wildlife, Toledo Naturalists Association, and Metroparks of the Toledo Area: 41pp.

J.D. Grabarkiewicz and **T.D. Crail**. 2007. A new population of rayed bean (*Villosa fabalis*) in a small tributary of the Maumee River, Lucas County, OH. *Ellipsaria* 11(1):7.

T.D. Crail, J.F. Gottgens and P.T. Mathias. 2007. Status and distribution of native unionid mussels (Unionidae) in the coastal wetlands of the Winous Point Marsh Conservancy. Final Report to the Winous Point Marsh Conservancy: 21 pp.

T.D. Crail and J.F. Gottgens. 2007. Testing the impact of plant colonization on the fish community in headwaters of the Ottawa River, northwest Ohio. Final report to Ohio Lake Erie Commission: 41 pp.

T.D. Crail and J.F. Gottgens. 2006. Survey Fish Diversity: Testing the Impact of Vegetative Encroachment. First progress report to Ohio Lake Erie Commission.

PRESENTATIONS

2008 Testing the impact of vegetative colonization on fish community in the headwaters of the Ottawa River, northwest Ohio.

- Ohio Academy of Sciences, University of Toledo, Toledo, OH
- Ecological Society of America, Milwaukee, WI

2007 Testing the impact of vegetative colonization on fish community in the headwaters of the Ottawa River, northwest Ohio.

- American Society of Ichthyologists and Herpetologists, Saint Louis University, St. Louis, MO
- International Association for Great Lakes Research, Penn State University, State College, PA

2006 Testing the impact of vegetative colonization on fish community in the headwaters of the Ottawa River, northwest Ohio. International Association for Great Lakes Research, University of Windsor, Windsor, ON

GRADUATE ADVISORS

Dr. Jonathan Bossenbroek, Dr. Johan Gottgens

PROFESSIONAL MEMBERSHIPS

Ecological Society of America

American Society of Ichthyologists and Herpetologists

Ohio Academy of Sciences
Southeastern Fishes Council
Freshwater Mollusk Conservation Society

SYNERGISTIC ACTIVITIES

2008 Discovering hidden life in the Maumee River watershed. Annual Banquet Keynote, Lucas County Soil and Water District, Toledo, OH.

The Oak Openings Region From the Ground Up: Geological Processes Founding Incredible Biodiversity. Ohio Prairie Conference Keynote Speaker, Toledo, OH.

A guide to the common fishes of the Toledo area. T.D. Crail & J.D. Grabarkiewicz.

2007 The Oak Openings Region From the Ground Up: Geological Processes Founding Incredible Biodiversity. Michigan Botanical Society, Ann Arbor, MI.

North American Pearly Mussels: Who you callin' Fat Mucket?! Toledo Naturalists Association, Toledo, OH.

The travellin' fish show. T.D. Crail & J.D. Grabarkiewicz. Interpretive poster printed with a grant from the North American Native Fishes Association.

2006 Ecology of the Oak Openings Region. Invited seminar and field trip, Owens Community College, Toledo, OH.

Ecology of the Unionidae of Southeast Michigan. Invited seminar and field trip, Washtenaw Community College, Ann Arbor, MI.

Freshwater Mussels of the Maumee Drainage. J.D. Grabarkiewicz & T.D. Crail. Printed with a grant from the Ohio Environmental Education Fund (OEEF), a grant program administered by the Ohio Environmental Protection Agency.