

M.S. Thesis List
Dept. of Fisheries and Wildlife

2012

Bals, Jason, D., 2012

Major Advisor: C. Michael Wagner

Field and Laboratory Expression of the Sea Lamprey Alarm Response

Buchinger, Tyler J., 2012

Major Advisor: Weiming Li

Origins and Evolution of Bile Acid Pheromones

Droscha, Katie L., 2012

Major Advisor: Patricia Soranno

Quantifying the Relationships between Lake Nutrients and Agricultural Land use/cover at Different Spatial Scales

Eakin, Carly J., 2012

Major Advisor: Henry Campa, III

Assessing Wildlife Habitat Contributions of Green Roofs in Urban Landscapes in Michigan and Illinois, U.S.A.: Measuring Avian Community Response to Green Roof Factors

Higley, Corrine A., 2012

Major Advisor: Daniel Hayes

Influence of Temperature on Growth and Timing of Emergence of Four Mayfly Species

Prichard, Carson G., 2012

Major Advisor: James Bence

Estimation of Size-specific Sea Lamprey Wounding Rates on Lake Trout: Spatial and Temporal Patterns in the Upper Great Lakes

Shirkey, Brendan T., 2012

Major Advisor: Scott Winterstein

Diving Duck Abundance and Distribution on Lake St. Clair and Western Lake Erie

Siitari, Kiira J., 2012

Major Advisor: William W. Taylor

A Landscape Perspective on the Distribution and Harvest of North American River Otters in Michigan in Relation to Prey Availability

Williams, Mart C., 2012

Major Advisor: Michael L. Jones

Spatial, Temporal, and Cohort-Related Patterns in the Contribution of Wild Chinook Salmon (*oncorhynchus tshawytscha*) to Total Chinook Harvest in Lake Michigan

2011

Armstrong, Brandon M., 2011

Major Advisor: Cheryl Murphy

Multiple Stressor Effects of Two Contaminants on the Fathead Minnow (*pimephales promelas*) Using a Flow-Through Diluter System

Auvenshine, Stacie J., 2011

Major Advisor: Daniel Kramer

Do local environmental policies, land use planning, and policy fragmentation within lake catchments affect lake water clarity?

Brant, Cory O., 2011

Major Advisor: Weiming Li

From Synthesis to Behavioral Activity in Streams: Investigations of Putative Sea Lamprey Pheromone Components

Claus, Laura C., 2011

Major Advisor: Cheryl Murphy

Influence of Life History Traits on Accumulation of Polybrominated Diphenyl Ethers and Polychlorinated Biphenyls in Three Lake Trout Populations from Lake Superior

Groff, Katherine A., 2011

Major Advisor: Mark Axelrod

A Baseline Analysis of Poaching in Chiquibul National Park

Hessenauer, Jan-Michael, 2011

Major Advisor: Mary Bremigan

Quantifying Individual Contribution to Largemouth Bass Reproduction: Exploring the Effects of Spring Fishing, Habitat and Reproductive Behavior

Humphries, Joel T., 2011

Major Advisor: Scott Winterstein

Balancing White-Tailed Deer Ecology with Michigan National Guard Training at Fort Custer Training Center in Augusta, Michigan

Ives, Rebecca L., 2011

Major Advisor: Joan B. Rose

Giardiasis and Cryptosporidiosis in the Urban-Rural Spectrum

Jacques, Michelle L., 2011

Major Advisor: Tracy Dobson

The Transition to Industrial Farming Landscapes and Methods in Western Lower Michigan, and the Resulting Community Awareness

Johnston, Emily S., 2011
Major Advisor: Jen Owen
Anaplasma phagocytophilum Infection in Two Species of Passerine Birds, American Robins and Gray Catbirds: an Assessment of Reservoir Competence and Disease

Lawrence, Justin P., 2011
Major Advisor: Kelly Millenbah
The Diversity, Distribution, and Conservation of a Polymorphic Frog (*Oophaga pumilio*) in Western Panama

MacMillan, Eric A., 2011
Major Advisor: Brian Roth
Bycatch in the Saginaw Bay, Lake Huron Commercial Trap Net Fishery

McDonnell, Kevin N., 2011
Major Advisor: Brian Roth
Evaluating the Effects of Rainbow Smelt on Larval Walleye Densities and Bioenergetics in Wisconsin Inland Lakes

Meckley, Trevor D., 2011
Major Advisor: C. Michael Wagner
Right on the nose, investigations into how a pheromone guides the sea lamprey reproductive migration

Molton, Kyle J., 2011
Major Advisor: Travis O. Brenden
Keeping up with the times: Are more conservative control rules needed to protect intermixing Lake Whitefish populations?

Schmitt, Benjamin R., 2011
Major Advisor: Cheryl Murphy
Re-evaluation of the Thiamine Dose-Response Relationship for Larval Lake Trout (*Salvelinus namaycush*) using an Individual Based Model

White, Jeffrey D., 2011
Major Advisor: Orlando Sarnelle
Variation within a Population of Toxic, Bloom-forming Phytoplankton (*Microcystis aeruginosa*) drives Vulnerability to Grazing

Ziegenmeyer, Heidi L., 2011
Major Advisor: Mary Bremigan
Effects of Spring Angling, Habitat Features, and Guarding Male Attributes on Largemouth Bass (*Micropterus salmoides*) Nest Survival, and Implications for Fall Young-of-Year Abundance

Zuccarino-Crowe, Chiara M., 2011
Major Advisor: William Taylor
Assessment of Lake Trout Refuge Effects on Trends in Relative Abundance of Select Native Fish Species in the Apostle Islands Region, Lake Superior

2010

Alwin, Thomas G., 2010

Major Advisor: Kendra Cheruvilil

Biological Control of the Invasive Macrophyte Eurasian Watermilfoil with the Native Milfoil Weevil: Population Dynamics in Three Michigan Lakes

Arsnoe, Dustin M., 2010

Major Advisor: Jennifer Owen

Influence of Body Condition and Homo- vs. Heterosubtypic Immunity on Influenza A Infection in Mallard Ducks: Experimental Infection Data

Bailey, Robyn L., 2010

Major Advisor: Henry Campa, III

Modeling Habitat Suitability and Population Demographics of the Eastern Massasauga Rattlesnake in Managed Lands in Southwestern Michigan

Booker, Joshua D., 2010

Major Advisor: Kendra Cheruvilil

The Spatial Distribution of Daphnia Resources in Shallow Lakes: Is Food Quantity or Quality for Zooplankton Determined by Macrophytes?

Eichinger, Daniel T., 2010

Major Advisor: William W. Taylor

Toward a Curriculum in Conservation Law and Policy

Fergus, Carol E., 2010

Major Advisor: Patricia Soranno

The effects of land use disturbance on wetland relationships with lake TP and water color

Guo, Jiarong, 2010

Major Advisor: Joan B. Rose

Twilight Zone: Protein Search and Classification in Metagenomic Data

Kahler, Jessica S., 2010

Major Advisor: Meredith Gore

Local perceptions of risk and vulnerability associated with human-wildlife conflicts in Namibian conservancies

Mazher, Mustafa A., 2010

Major Advisor: Joan B. Rose

Examination of the Transport and Retention and Exploration of the Spatial Distribution of Microbial Indicators in Soil Aggregates

O'Brien, Timothy P., 2010

Major Advisor: William W. Taylor

Early Life History Dynamics and Recruitment Processes of Rainbow Smelt in Lake Huron

Orlic, Ivan, 2010

Major Advisor: William W. Taylor

The Development of the Peruvian Anchovy Fishery: Governance, Management and Industry Innovation

Peters, Kimberly A., 2010

Major Advisor: Scott Peacor

Nutrient vs. Light Limitation of Benthic Algae in Saginaw Bay, Lake Huron: A Spatial Analysis

Tingley, III, Ralph W., 2010

Major Advisor: Dana M. Infante

Evaluating Stream Habitat in Northern Michigan: Implications for Conserving Arctic Grayling (*thymallus arcticus*)

White, Jennifer M., 2010

Major Advisor: Kim Scribner

Monitoring Elusive Carnivores using Noninvasive Genetic Techniques: A Case Study of Bobcats (*Lynx rufus*) in the Northern Lower Peninsula, Michigan