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EDUCATION

University of Vermont, Burlington, Vermont Graduation: January 2015
M.Sc. in Natural Resources (Aquatic Ecology and Watershed Science)
Kent State University, Kent, Ohio Graduation: May 2012
BS in Organismal Biology

RESEARCH EXPERIENCE

Graduate Research Assistant: PhD. Dissertation, Effect of human caused habitat fragmentation on fish genetic diversity. 2014-present
Graduate Research Assistant: M.Sc. Thesis, Fixed versus plastic partial migration of the aquatic macroinvertebrate, *Mysis diluviana*, in Lake Champlain. 2012-2014
Graduate Research Assistant: Literature assessment of population declines of *Mysis diluviana* in the Great Lakes. 2013-present
Undergraduate Research: Winter decomposition rates of forest leaf litter associated with fungal and invertebrate diversity. 2012
Undergraduate Research Assistant: population genetics and the evolution of variable sex ratios in populations of *Lobelia siphilitica.* 2011-2012
Undergraduate Research: Macroinvertebrate communities of stream different types of stream leaf packs. 2009-2012
Undergraduate Research Assistant: bacterial community composition and colonization of crayfish in North Eastern Ohio streams. 2010
Undergraduate Research: Distribution and diversity of meadow insects. 2010
Research Field Technician: Collection and use of milfoil weevil as a biological control for Eurasian milfoil in Michigan and Canada. 2009

PUBLICATIONS

Euclide, PT, Hansson, S, Stockwell, JD. 2016. Partial diel vertical migration in an omnivorous macroinvertebrate, *Mysis diluviana.* Hydrobiologia. doi:10.1007/s10750-016-2982-5.
Euclide, PT, Stockwell, JD. 2015. Effect of gut content on $\delta^{15}N$, $\delta^{13}C$, and C:N of experimentally-fed *Mysis diluvaiana*. Journal of Great Lake Research. 41: 926-929.

DATA PUBLICATIONS

Lake Champlain *Mysis* Stable Isotopes. KNB. https://knb.ecoinformatics.org/#view/knb.749.1

GRANTS and AWARDS

Water Resources Research Grant: $10,000, January 2016
ASLO Student Travel Grant: $500, January 2014
Lintilhac Foundation Research Grant: $10,000, January 2014
Graduate Student Senate Travel Grant: $300, October, 2013
Rubenstein Graduate Student Association Mini-Grant: $200, October 2012 and December 2013

REAEARCH PRESENTATIONS (Presenter underlined)

Euclide, P.T., Marsden, J.E., Wargo, M., Flores, N., Kilpatrick, C.W. 2017. Genetic structure of slimy sculpin (*Cottus cognatus*) populations in lakes. Canadian Conference For Fisheries Research, Montreal, Quebec. [oral presentation]

Euclide, P.T., Parent, T., Gonzalez, E., Flores, N., Wargo, M., Kilpatrick, C.W., Marsden, J.E. 2015. Effect of Fish Dispersal Ability on Sensitivity to Habitat Fragmentation in a Large Lake. International Association of Great Lakes Research. Guelph, Ontario. [oral presentation]

Euclide, P.T., Parent, T., Gonzalez, E., Flores, N., Wargo, M., Kilpatrick, C.W., Marsden, J.E. 2015. Effect of Fish Dispersal Ability on Sensitivity to Habitat Fragmentation in a Large Lake. American Fisheries Society meeting. Portland, Oregon. [oral presentation]

Euclide, P.T., Strayer, N., J.D. Stockwell. 2015. Is Mysis in decline in the Laruentian Great Lakes?. 2015 International Association of Great Lakes Research 2015 meeting. Burlington, Vermont [poster]

Euclide, P.T., J.D. Stockwell. 2014. Fixed versus plastic partial migration of the aquatic macroinvertebrate, *Mysis diluviana*, in Lake Champlain. 2014 Joint Aquatic Sciences Meeting. Portland, Oregon [poster]

Euclide, P.T., J.D. Stockwell. 2013. Physiological plasticity in the diel vertical migration of *Mysis diluviana*. RSENR Graduate Student Research Symposium, Vermont [oral presentation]

Euclide, P.T., J.D. Stockwell. 2013. Physiological plasticity in the diel vertical migration of *Mysis diluviana*. University of Vermont Student Research Conference, Vermont [oral presentation]

Euclide, P.T., J.D. Stockwell. 2013. Physiological plasticity in the diel vertical migration of *Mysis diluviana*. 2013 Lake Champlain Research Consortium Student Symposium [oral presentation]

TEACHING

Champlain Research Experience for Students and Teachers (CREST) Workshop Fellowship: Summer 2016, University of Vermont

Guest lecture Conservation Biology: Genetic distance and gene flow

Guest lecture Conservation Biology: Modern genetic techniques

Champlain Research Experience for Students and Teachers (CREST) Workshop Fellowship: Summer 2015, University of Vermont

Communicating Science REU Workshop: Summer 2015, University of Vermont

Communicating Science REU Workshop: Summer 2014, University of Vermont

Champlain Research Experience for Students and Teachers (CREST) Workshop Fellowship: Summer 2014, University of Vermont

ECHO Lake Aquarium Educator Fellowship: Fall 2013-Fall 2014, University of Vermont and ECHO Lake Aquarium and Science Center
Facilitator of demonstration "Creatures of the Night, *Mysis"* and patron encounter "What are we catching?"

Teaching Assistantship: Ecosystem Management, Spring 2014, University of Vermont.

Teaching Assistantship: Limnology, Fall 2013, University of Vermont.

Teaching Assistantship: Ecology, Ecosystems and Environment, Spring 2013, University of Vermont

Teaching Assistantship: Limnology, Fall 2012, University of Vermont

SKILLS

Field:

A variety of sampling techniques in aquatic, riparian and terrestrial environments. Deployment of large sampling gear like fyke nets, plankton nets, niskin bottles, and Schindler-Patalas traps. Working knowledge of insect and aquatic macroinvertebrate taxonomy.

Computer:

Graphing ability using R, Excel, SigmaPlot, and Prism
Statistical analysis using R, JMP, SPSS, and Past
Genetic analysis using Genemapper and BLAST

Laboratory:

Genetic: PCR, gel electrophoresis, microsatellite analysis
Stable Isotope: analysis and sample preparation
Eco-physiology: Blazka type swim-tunnel respirometry and swimming performance,
Taxonomy: dichotomous key identification
Greenhouse: plant germination and care, green house maintenance and pet control

RELEVANT WORKSHOPS

Structured Decision Making and Barrier Removals

Fall 2016.

RELEVANT COURSEWORK

Graduate

Ecology of Fishes	Basic Probability and Statistics	Community Ecology
Topics in Aquatic Ecology	Aquatic Physiology	Intro to R for Fisheries
Hot Topics in Ecological and Evolutionary Genomics		

Undergraduate

Ecology	Ornithology	Cell Biology
Biological Foundations	Introduction to Plant Biology	General Chemistry I
Elements of Genetics	Writing in Biology	General Chemistry II
Entomology	Vertebrate Zoology	Organic Chemistry I
Basic Probability & Statistics	Conservation	Organic Chemistry II
Tropical Field Biology and Conservation	Advanced Topics in Plant Biology	Analytic Geometry and Calculus