

**Posters, Ohio Amphibian and Reptile Conference  
March 20, 2018**

**Title:** Salamander population and Adaptation Research Collaborative Network (SPARCnet): long-term salamander research in central Ohio

**Authors:** Meaghan Gade\* and Philip Gould, The Ohio State University

**Title:** Integrating Herpetological Indicator Species into a Phenological Monitoring Program

**Author:** Emily Kuzmick\*, Coastal Training Program Coordinator, Old Woman Creek National Estuarine Research Reserve

**Title:** Evaluating potential effects of proximity to roadways in a road-naïve population of turtles

**Authors:** N.M. Weigand\*<sup>1</sup>, C.M. Tonra<sup>2</sup>, R.B. Wagner<sup>1</sup>, V.D. Popescu<sup>1</sup>

<sup>1</sup>Ohio University, Athens, Ohio

<sup>2</sup>Ohio State University, Columbus, Ohio

**Title:** Urea hydrolysis by gut bacteria in a hibernating frog: Evidence for urea-nitrogen recycling in Amphibia

**Authors:** James M. Wiebler\*<sup>1</sup>, Kevin D. Kohl<sup>2</sup>, Richard E. Lee, Jr.<sup>1</sup>, Jon P. Costanzo<sup>1</sup>

<sup>1</sup>Department of Biology, Miami University, Oxford, Ohio 45056 USA

<sup>2</sup>Department of Biological Sciences, University of Pittsburgh, Pittsburgh, PA 15260 USA

**Title:** Wood frogs (*Rana sylvatica*) increase NO metabolites in preparation for and in response to winter-associated stresses

**Authors:** Bethany Williams\*, Richard Lee, and Jon Costanzo, Miami University

**Title:** Testing basking platforms with game cameras for surveying freshwater turtles

**Authors:** Greg Lipps Jr.<sup>1</sup>, Nick Smeenk\*<sup>1</sup>, Matt Cross<sup>2</sup>, and Kent Bekker<sup>2</sup>

<sup>1</sup>Ohio Biodiversity Conservation Partnership, The Ohio State University

<sup>2</sup>The Toledo Zoo, Department of Conservation and Research

**Title:** Conservation of the Massasauga in Ohio

**Authors:** Greg Lipps Jr.<sup>1</sup>, Nick Smeenk\*<sup>1</sup>, and Scott Martin<sup>2</sup>

<sup>1</sup>Ohio Biodiversity Conservation Partnership, The Ohio State University

<sup>2</sup>The Ohio State University, Department of Evolution, Ecology, and Organismal Biology

**Title:** Evaluating the science in amphibian and reptile citizen science programs

**Authors:** Nick Smeenk\* and Greg Lipps Jr., Ohio Biodiversity Conservation Partnership, The Ohio State University

**Title:** Using Camera Traps to Assess Prey Availability for Timber Rattlesnakes (*Crotalus horridus*) in Ohio

**Authors:** Annalee Tutterow\*, Andrew Hoffman, and William Peterman, The Ohio State University, School of Environment and Natural Resources

**Title:** Spatial and temporal trends in a salamander community: initial results from a long-term study.

**Author:** Richard M. Lehtinen\*, The College of Wooster, Department of Biology 554 E. University St., Wooster, Ohio 44691

**Title:** Fed with a silver spoon: nutritional plasticity in larval anurans

**Authors:** Sarah S. Bouchard and Troy C. Neptune\*, Otterbein University

**Title:** A Study of Kirtland's snake (*Clonophis kirtlandii*) at the City of Dayton Property, Clark County, Ohio

**Authors:** Megan Seymour & Lindsey Korfel\*, U.S. Fish and Wildlife Service, Ohio Field Office

**Title:** Examining Reptile and Amphibian Detection Methods at Schenck Forest, Raleigh, North Carolina

**Authors:** Daniel J. Guinto\* and Christopher S. DePerno, North Carolina State University, Fisheries, Wildlife, and Conservation Biology Program

**Title:** The Oak Openings Preserve Frog Survey, 1994 -2017

**Author:** Kim High\*, Metroparks Toledo

**Title:** Study of Aquatic Vertebrates and Crayfish on the Walter L. and Frieda M. Fry Farm in Richfield, Summit County, Ohio

**Author:** William Logan Fry\*

**Title:** Double Trouble: Does Exposure to Predators and Parasites Influence Amphibian Development, Behavior, and Survival?

**Authors:** Miranda Strasburg\* and Michelle D. Boone, Department of Biology, Miami University

**Title:** Home Range and Movement Patterns of Timber Rattlesnakes (*Crotalus horridus*) in southern Ohio

**Authors:** Andrew Hoffman\*, Annalee Tutterow, and William Peterman - Ohio State University, School of Environment and Natural Resources

**Title:** A Different Shade of Blue: Assessing Impacts of Pond Dyes on Local Amphibian Species

**Authors:** Courtney Dvorsky\* and Dr. Michelle Boone, Miami University Biology Program

**Title:** A frog's eye perspective: metamorph movement patterns of three anuran species through different habitats

**Author:** Mason Murphy,\* Miami University, Department of Biology

**Title:** Effects of Habitat Patch Size on Urban Red-Backed Salamander Populations (*Plethodon cinereus*)

**Authors:** Andrew Wilk\* and Bill Peterman, The Ohio State University

**Title:** How to Build a Better Ecopassage: Evaluating Amphibian Use and Preference of Various Ecopassage Designs

**Authors:** Charlene B. Hopkins\*, Shawn R. Kuchta, and Willem M. Roosenburg, Ohio University

**Title:** Evaluation of DNA Extracted from Timber Rattlesnake (*Crotalus horridus*) Cloacal and Blood Swabs for Microsatellite Based Genotyping

**Authors:** Aaron D'amore, Kate Donlon\*, William Peterman, OSU, School of Environment and Natural Resources

**Title:** Preliminary Habitat Modeling of Spotted Turtles (*Clemmys guttata*) and Blanding's Turtles (*Emydoidea blandingii*) in northern Indiana

**Authors:** Jessica Hinson\*, Mark Jordan, and Bruce Kingsbury, Indiana University-Purdue University Fort Wayne

**Title:** Monitoring efforts of the Kirtland's Snake (*Clonophis kirtlandii*) at a municipal park in central Clark County.

**Authors:** Kyle Van Dyne\*, Scott Scholar, and Dr. Richard Phillips, Wittenberg University,

**Title:** Does the sex of a turtle decoy influence capture rates of spotted turtles in a Clark County fen?

**Authors:** Katrina Rosing<sup>1\*</sup>, Rachel Wallenhorst<sup>1\*</sup>, Scott Sholar<sup>1</sup>, Kyle Van Dyne<sup>1</sup>, Michelle Comer<sup>2</sup>, and Richard Phillips<sup>1</sup>

<sup>1</sup>Wittenberg University

<sup>2</sup>Ohio Department of Natural Resources, Division of Natural Areas and Preserves.

**Title:** Does atrazine impact wild populations of Blanchard's cricket frogs (*Acris blanchardi*)?

**Authors:** Tyler D. Hoskins\*, O.E. Wetsch, and M. D. Boone, Miami University, Dept. of Biology

**Title:** Withering Waters and Teetering Temperatures: How one Anuran Copes with Pool Permanency

**Authors:** Cassandra Thompson\* and Viorel Popescu, Ohio University

**Title:** Case Study: Woodland Box Turtle Rehabilitation after Dog Attack  
**Author:** Emma Kimberly\*, Otterbein University

\*Presenting author