

MISSOURI HERPETOLOGICAL ASSOCIATION

27st Annual Meeting
27 – 28 September 2014
Bull Shoals Field Station

PAPER SESSION

Time	Author(s)	Institution(s)	Paper Title
1:00	Lauren Rudolph* and Alicia Mathis.	Missouri State University, Springfield, MO.	Response to Predatory Threat by Different Sex Classes of Oklahoma Salamanders, <i>Eurycea tynnerensis</i>.
1:15	Kelsey Anderson* , Alicia Mathis and Benjamin Dalton.	Missouri State University, Springfield, MO.	Response to Chemical Alarm Cues of Oklahoma Salamander by Sympatric and Allopatric Rainbow Darters.
1:30	Rachel Bortosky* and Alicia Mathis.	Missouri State University, Springfield, MO.	Honest Signaling in Aggressive Contests Between Ozark Zigzag Salamanders (<i>Plethodon angusticlavius</i>).
1:45	Dustin S. Siegel* , Sam Alvino and Brittney Cathcart.	Southeast Missouri State University, Cape Girardeau, MO.	Spermatogenic Cycle Differences from Two Different Populations of <i>Eurycea longicauda</i>.
2:00	Thomas L. Anderson* , Brittany H. Ousterhout, William E. Peterman, Dana L. Drake, Jacob J. Burkart, Freya E. Rowland, Lori S. Eggert and Raymond D. Semlitsch.	University of Missouri, Columbia, MO.	Biotic and Abiotic Influences on Larval Salamander Abundance, Occupancy and Body Size.
2:15	Leslie Brinkman^{1*} , Julie Ray ² and Brian Greene ¹ .	¹ Missouri State University, Springfield, MO; ² LaMICA Biological Station, El Copé, Coclé Province, Republic of Panamá.	Natural History and Conservation of Salamanders in Central Panama.
2:30	Rachel Settle^{1*} , Jeff Briggler ² and Alicia Mathis ¹ .	¹ Missouri State University, Springfield, MO; ² Missouri Department of Conservation.	Video Analysis of Nest-guarding Behavior of a Male Ozark Hellbender.
2:45	Brock Couch* , Jessica Sunderland, Derek Arbuckle, Dawn M. Drake and Mark S. Mills.	Missouri Western State University, St. Joseph, MO.	Success of Amphibian Reproduction in Man-Made Vernal Pools.
3:00	Timothy A. Clay* , Matthew Gifford and William E. Peterman.	University of Arkansas at Little Rock, Little Rock, AR.	Physiological and Fitness Consequences of Embryonic Rearing Environment Among Populations of Post-metamorphic Wood Frogs, <i>Lithobates sylvatica</i>.
3:15	BREAK AND GROUP PHOTOGRAPH		

3:45	Eva Gann* and Day B. Ligon. Missouri State University, Springfield, MO. Reintroduction Ecology of Alligator Snapping Turtles (<i>Macrochelys temminckii</i>) on the Kansas/Oklahoma Border.
4:00	Eric R. Sievers^{1*} , Charlie R. Tucker ¹ , Jeramie T. Strickland ² , David K. Delaney ³ and Day B. Ligon ¹ . Missouri State University, Springfield, MO; ² U.S. Fish and Wildlife Services; ³ U.S. Army CERL. Reintroduction Program Evaluated Using Activity Patterns and Home Range Size of Head-Started <i>Terrapene ornata</i>.
4:15	Carolyn Kupec* and Day B. Ligon. Missouri State University, Springfield, MO. Underwater and Undetected: Aquatic Respiratory Capacity of a Secretive Aquatic Turtle.
4:30	Donald T. McKnight* , Hunter J. Howell, Ethan C. Hollender and Day B. Ligon. Missouri State University, Springfield, MO. Good Vibrations: A Novel Method for Sexing Chelonians.
4:45	Joshua R. Harmon* , Donald T. McKnight and Day B. Ligon. Missouri State University, Springfield, MO. Diet Composition of the Razor-backed Musk Turtle.
5:00	Luke Pearson* , Nick Sachse and Ben Cash. University of Central Arkansas, Conway, AR. The Corticosterone Stress Response of the Ouachita Map Turtle and the Effects of Trapping on Corticosterone Concentrations in the Red-eared Slider Turtle.
5:15	Jeremy D. Chamberlain^{1*} and Matthew E. Gifford ² . ¹ University of Arkansas at Little Rock, Little Rock, AR ² University of Central Arkansas, Conway, AR. Comparison of Reproduction in Four Populations of the Diamond-backed Watersnake (<i>Nerodia rhombifer</i>) Differing in Prey Size.
5:30	Ian Clifton* and Matthew E. Gifford. University of Central Arkansas, Conway, AR. Osteological Predictors of Gape Circumference in Diamond-backed Watersnakes (<i>Nerodia rhombifer</i>).
5:45	Joey Churilla and Brian Greene* . Missouri State University, Springfield, MO. Do Musk Gland Secretions Function as Alarm Cues in Snakes?
6:00	BUSINESS MEETING AND DISCUSSIONS

* Indicates presenter

Saturday Evening Event:

Dr. Jeffrey T. Briggler of Missouri Department of Conservation will present an after dinner show from his travels entitled “**Adventures in Armenia: A Historical, Biological, and Cultural Perspective**”.