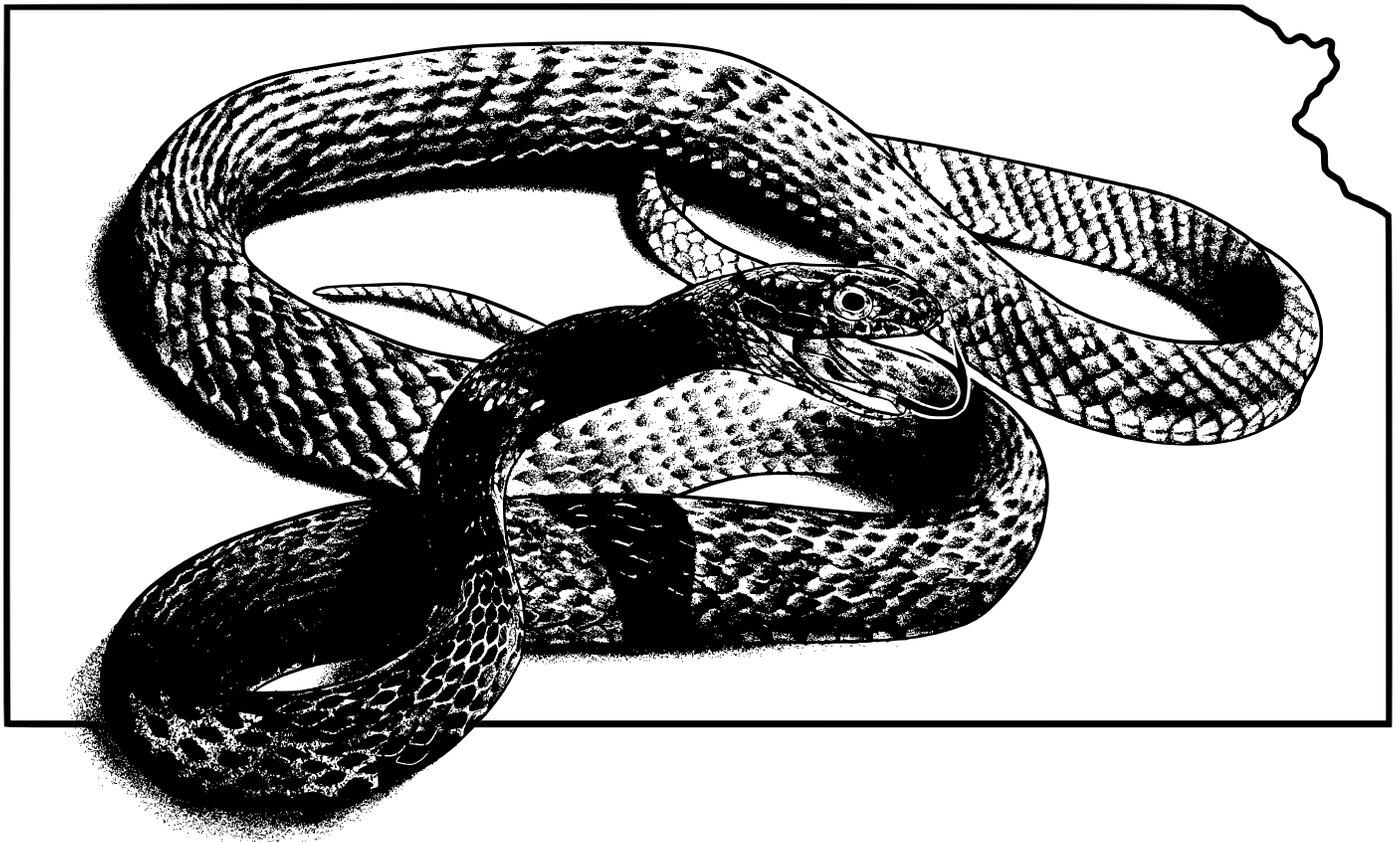


# KANSAS HERPETOLOGICAL SOCIETY

52nd Annual Meeting  
7—9 November 2025

Manhattan, Kansas



[ksherp.com](http://ksherp.com)

*Local Committee:* Kelly Kluthe (Chair) and Dexter Mardis.

DOUBLETREE BALLROOM, 530 RICHARDS DRIVE, MANHATTAN, KANSAS

FRIDAY • 7 NOVEMBER 2025

6:30—8:00 PM

Poster Session I - Conference Rooms 2 & 3

8:00—10:00 PM

Social

SATURDAY • 8 NOVEMBER 2025

7:30—8:30 AM Registration: **Keith Geluso** (KHS Secretary) and **Dexter Mardis** (KHS Treasurer). Drinks and pastries available.

8:30 AM Opening Address by **Kelly Kluthe**, KHS President, University of Kansas Medical Center, Kansas City.

*Scientific Paper Session 1* - Moderator: **Walter Meshaka**, State Museum of Pennsylvania, Harrisburg

8:45 AM NATIONAL PARC – 2025 AND BEYOND.  
**Melissa Youngquist** - Shedd Aquarium, Chicago, Illinois

9:00 AM RESEARCH-BASED HERPING: “HOW TO BE ETHICAL & FIND MORE HERPS”.<sup>-F</sup>  
**Jordan Schmitt** - United States Air Force, Whiteman Air Force Base, Knob Noster, Missouri

9:15 AM LIZARD MOUTH MAGGOTS.  
**Richard E. Glor** - University of Kansas, Lawrence

9:30 AM HERPS IN THE SPOTLIGHT: REPTILE MONTH, HIKES, AND A CAPITOL SHOWCASE.<sup>-F</sup>  
**Monica Macoubrie** - Nebraska Game and Parks Commission, Lincoln

9:45 AM ARE YOU BOARD YET? HOW LAND MANAGEMENT AFFECTS SNAKE POPULATIONS IN A RESTORED PRAIRIE.<sup>-F,T</sup>  
**Brett Riffel**, Jerod B. Thomas, and Tom Luhring - Wichita State University, Kansas

BREAK - 10:00 to 10:15 AM

*Scientific Paper Session 2* - Moderator: **David Penning**, Missouri Southern State University, Joplin

10:15 AM GENETIC STRUCTURE OF AN INTRODUCED WESTERN DIAMOND-BACKED RATTLESNAKE POPULATION.<sup>-F</sup>  
**Jackson Roberts**<sup>1</sup>, Travis W. Taggart<sup>1</sup>, Edward Myers<sup>2</sup>, Rafe Brown<sup>3</sup>, Anna Motta<sup>3</sup>, Mark Herr<sup>3</sup>, Jeff Weinell<sup>3,4</sup>, Chan Kinn Onn<sup>3,5</sup>, Stacy Pirro<sup>6</sup>, and Wendy Bowles<sup>7</sup> - <sup>1</sup>Sternberg Museum of Natural History, Hays, Kansas; <sup>2</sup>California Academy of Sciences, San Francisco; <sup>3</sup>KU Biodiversity Institute, Lawrence; <sup>4</sup>Austin Peay State University, Clarksville, Tennessee; <sup>5</sup>Michigan State University, East Lansing; <sup>6</sup>Iridian Genomes Inc., Bethesda, Maryland; <sup>7</sup>Kansas Department of Wildlife and Parks, Kanopolis

10:30 AM EXAMINING GENETIC DIVERSITY AND POTENTIAL CRYPTIC DIVERSITY WITHIN THE GEORGIA BLIND SALAMANDER (*EURYCEA WALLACEI*) AND THE DOUGHERTY PLAIN CAVE CRAYFISH (*CAMBARUS CRYPTODYTES*) OF THE UPPER FLORIDAN AQUIFER.<sup>-F,T</sup>  
**Jacob Schaefer**<sup>1</sup>, Eric Maxwell<sup>1</sup>, Teddy Garlock<sup>2</sup>, Dante B. Fenolio<sup>3</sup>, and Matthew L. Niemiller<sup>1</sup> - <sup>1</sup>University of Alabama, Huntsville; <sup>2</sup>Karst Underwater Research, Gainesville, Florida; <sup>3</sup>San Antonio Zoo, Texas

10:45 AM DISTRIBUTIONS OF THE TRUE COBRAS IN VIETNAM: NEW EVIDENCE FROM MORPHOLOGY AND MITOCHONDRIAL SEQUENCES.  
**Neil R. Balchan** - Department of Biology, Oklahoma State University, Stillwater

11:00 AM REASSESSING POPULATION VIABILITY OF AN ISOLATED EASTERN MASSASAUGA RATTLESNAKE POPULATION IN LIGHT OF INBREEDING CONCERNS.<sup>-F,T</sup>  
**Matthew J Klein**<sup>1</sup>, Lisa J. Faust<sup>2</sup>, and Eric T. Hileman<sup>1</sup> - <sup>1</sup>West Virginia University, Morgantown; <sup>2</sup>Alexander Center for Applied Population Biology at Lincoln Park Zoo, Chicago, Illinois

11:15 AM AN OVERVIEW OF HERPETOFAUNA SURVEYS AT FORT LEAVENWORTH MILITARY RESERVE.<sup>-C,F,T</sup>  
**Zane Smith**, Sandra Guzman, and Bill Stark - Fort Hays State University, Hays, Kansas

AWARD ELIGIBILITY: Collins Award (C; 2026), Ferraro Award (F), Toland Award (T)

11:30 AM

BEHAVIORAL DIVERGENCE DURING THE RANGE EXPANSION OF THE GREEN TREEFROG (*HYLA CINEREA*).<sup>-F</sup>  
**Owen M. Edwards**<sup>1</sup>, Kaleb M. Banks<sup>2</sup>, Bo Zhang<sup>2</sup>, and Michael S. Reichert<sup>2</sup> - <sup>1</sup>University of Oklahoma, Oklahoma Biological Survey, Norman; <sup>2</sup>Oklahoma State University, Department of Biology, Stillwater

11:45 AM

KHS Group Photograph

BREAK/LUNCH - 11:45 to 1:15 PM

*Scientific Paper Session 3* - Moderator: **Bill Stark**, Fort Hays State University, Kansas

1:15 PM

DO PHYSIOGRAPHIC REGIONS PREDICT AMPHIBIAN AND REPTILE COMMUNITIES IN KANSAS?<sup>-C, E, T</sup>  
**Hayden W. Cannon**<sup>1</sup>, Faben Tesfazion<sup>1</sup>, Kier Mitchel E. Pitogo<sup>1</sup>, and Ana Motta<sup>2</sup> - <sup>1</sup>Department of Ecology & Evolutionary Biology & Biodiversity Institute, University of Kansas, Lawrence; <sup>2</sup>Biodiversity Institute & Natural History Museum, University of Kansas, Lawrence

1:30 PM

FASHIONABLY LATE TO THE PARTY: EFFECTS OF VARIED PRECIPITATION TIMING ON AMPHIBIAN FITNESS AND ECOSYSTEM RECOVERY.<sup>-E, T</sup>  
**Parker L. Binns**<sup>1</sup>, Molly G. Russell<sup>1</sup>, Shania E.M. Burkhead-Harris<sup>1</sup>, Clay Prater<sup>2</sup>, and Thomas M. Luhring<sup>1</sup> - <sup>1</sup>Wichita State University, Kansas; <sup>2</sup>University of Arkansas, Fayetteville

1:45 PM

ELEMENTS OF GROWTH: THE INFLUENCE OF THERMAL REGIMES ON TADPOLE DEVELOPMENT, SIZE, AND IONOME ACROSS ONTOGENY.<sup>-E, T</sup>  
**Molly G. Russell**<sup>1</sup>, Parker L. Binns<sup>1</sup>, Shania E.M. Burkhead-Harris<sup>1</sup>, Clay Prater<sup>2</sup>, and Thomas M. Luhring<sup>1</sup> - <sup>1</sup>Wichita State University, Kansas; <sup>2</sup>University of Arkansas, Fayetteville

2:00 PM

ECOTOURISM AND LONG-TERM MONITORING OF AMPHIBIANS AND REPTILES ON THE DRAKENSBERG PLATEAU, SOUTH AFRICA.  
**J. Daren Riedle**<sup>1</sup> and Willem Koch<sup>2</sup> - <sup>1</sup>Stafford Middle School/High School, Kansas; <sup>2</sup>Potberg Conservation Area, Memel, South Africa

2:15 PM

PYGGING OUT: WHAT DOES THE WORLD'S SMALLEST RATTLESNAKE EAT?<sup>-E, T</sup>  
**Jesse Whitlock** - Rose State College, Midwest City, Oklahoma

2:30 PM

VISUAL ACUITY OF *TERRAPENE ORNATA* ACROSS POPULATIONS.<sup>-C, E, T</sup>  
**August Weishaar-Wilson** and Ben Reed - Washburn University, Topeka, Kansas

BREAK - 2:45 to 3:00 PM

3:00—4:30 PM

**Poster Session II - Conference Rooms 2 & 3**

DINNER 4:30 to 6:00 PM

6:00 PM

**KHS SOCIAL, AWARDS, KEYNOTE, AND AUCTION**

- AWARDS CEREMONY

**Daniel D. Fogell**, KHS Awards Committee Chair, Southeast Community College, Lincoln, Nebraska

KEYNOTE

## MAPPING FROG GENOMIC DIVERSITY ACROSS EASTERN NORTH AMERICA

**LISA BARROW**, Assistant Professor/Curator  
Department of Biology/Museum of Southwestern Biology, University of New Mexico



KHS AUCTION

KHS Auctioneers, **Sydney Falcon, Shania Burkhead-Harris, Eva Norton, Tom Luhring, and Rich Glor** will offer up items. The KHS takes cash, credit cards, and checks. Light food/hors d'oeuvres will be provided.

SUNDAY • 9 NOVEMBER 2025

*Scientific Paper Session 4* - Moderator: **Andrew George**, Pittsburg State University, Kansas

- 8:00 AM THE KILLER OF KILLERS: THE INSANE DIET AND FEEDING BEHAVIORS OF THE *DRYMARCHON* GENUS. <sup>-F</sup>  
**David Penning** - Missouri Southern State University, Joplin
- 8:15 AM LANDSCAPE USAGE OF YELLOW MUD TURTLES IN SOUTHWESTERN NEBRASKA. <sup>-E,T</sup>  
**Megan Soldatke** - University of Nebraska, Lincoln
- 8:30 AM THE EFFECTS OF SUPPLEMENTAL FEEDING ON THE MOVEMENT ECOLOGY OF ORNATE BOX TURTLES (*TERRAPENE ORNATA*). <sup>-C,E,T</sup>  
**Peyton Samek**, Erin Carter, Sage Dennis, Jadyn Falley, Caroline Lejuerrrne, Bella Limback, Fritz Menninger, Grace Peterson, Brookelynn Powell, Ash Van Dalsem, August Weishaar-Wilson, and Benjamin Reed - Washburn University, Topeka, Kansas
- 8:45 AM WEATHERING THE WATERS: THE EFFECT OF LONG- AND SHORT-TERM WEATHER VARIABLES ON WESTERN PAINTED TURTLE CAPTURES IN MARSHALL COUNTY, SOUTH DAKOTA). <sup>-E,T</sup>  
**Amy Dolan**<sup>1</sup>, Heather Waye<sup>2</sup>, Peter Dolan<sup>2</sup>, and Michael Grebner<sup>1</sup> - <sup>1</sup>Northern State University, Aberdeen, South Dakota; <sup>2</sup>University of Minnesota, Morris
- 9:00 AM MARK-RECAPTURE OF WESTERN PAINTED TURTLES IN EASTERN SOUTH DAKOTA – TECHNIQUES AND GOALS. <sup>-E,T</sup>  
**Heather Waye**<sup>1</sup>, Amy Dolan<sup>2</sup>, and Peter Dolan<sup>1</sup> - <sup>1</sup>University of Minnesota, Morris; <sup>2</sup>Northern State University, Aberdeen, South Dakota
- 9:15 AM BODY COMPOSITION OF FREE-RANGING WILD AND HEAD-STARTED JUVENILE ALLIGATOR SNAPPING TURTLES (*MACROCHELYS TEMMINCKII*). <sup>-E,T</sup>  
**Derek L. Bateman**, Kevin B. Babbitt, Riley L. Austin, and Day B. Ligon - Missouri State University, Springfield
- 9:30 AM THE SNAP THAT SMILES BACK: A STUDY OF *CHELYDRA SERPENTINA* BITE PERFORMANCE. <sup>-E,T</sup>  
**Gavin Payne**, Donnie Flowers, Kobi Pearson, and David Penning - Missouri Southern State University, Joplin

BREAK - 9:45 to 10:00 AM

*Scientific Paper Session 5* - Moderator: **Jackson Roberts**, Sternberg Museum of Natural History, Hays, Kansas

- 10:00 AM GHOSTS OF THE ARKANSAS – THE HISTORY OF *NECTURUS LOUISIANENSIS* IN OKLAHOMA AND THEIR FUTURE. <sup>-E,T</sup>  
**Landen Shockley** - Tulsa Community College, Oklahoma
- 10:15 AM A SURFEIT OF *SIREN*. <sup>-F</sup>  
**Thomas Luhring**<sup>1,2</sup>, David Stewart<sup>3</sup>, and Christopher Schalk<sup>2,4</sup> - <sup>1</sup>Wichita State University, Kansas; <sup>2</sup>Savannah River Ecology Laboratory, University of Georgia, Aiken, South Carolina; <sup>3</sup>US Fish and Wildlife Service, Albuquerque, New Mexico; <sup>4</sup>US Forest Service, Nacogdoches, Texas
- 10:30 AM THE FUNGI AMONG US: SWABBING FOR CHYTRID IN TRUE FROGS (FAMILY RANIDAE). <sup>-E,T</sup>  
**Kerri Beers**<sup>1</sup>, Jennifer Y. Lamb<sup>1</sup>, Megan Winzeler<sup>2</sup>, Dan Grear<sup>2</sup>, and Amy Kinsley<sup>3</sup> - <sup>1</sup>St. Cloud State University, Minnesota; <sup>2</sup>United States Geological Survey (USGS), Madison, Wisconsin; <sup>3</sup>University of Minnesota Twin Cities, Minneapolis
- 10:45 AM DO I STINK? TESTING DEFENSIVE POSTURE AND MUSKING ON PREDATION RATES IN *DIADOPHIS PUNCTATUS*. <sup>-E,T</sup>  
**Kobi Pearson**, Grace Shriever, Addison Wallace, and Brenna Jones - Missouri Southern State University, Joplin
- 11:00 AM SNAKE COLLECTING ACROSS THE ISLANDS OF SOUTH KOREA – OBSERVATIONS AND ADVENTURES.  
**Yucheol Shin** - Richard Gilder Graduate School and the Department of Herpetology, American Museum of Natural History, New York, New York
- 11:15 AM HEART RATE, RESPIRATION RATE, AND DEVELOPMENTAL TIME: TRENDS ALONG THE LATITUDINAL THERMAL GRADIENT REVEAL DIFFERENTIAL RELIANCE ON PHYSIOLOGICAL PLASTICITY. <sup>-E,T</sup>  
**Travis R. Robbins**<sup>1</sup> and Benjamin D. Haussmann<sup>2</sup> - <sup>1</sup>University of Nebraska, Omaha; <sup>2</sup>Auburn University, Alabama

AWARD ELIGIBILITY: Collins Award (C; 2026), Ferraro Award (F), Toland Award (T)

11:30 AM

IF YOU GIVE A TADPOLE A CHEMOSENSORY STIMULUS: DETECTION OF INVASIVE PREDATOR CUES AND SIGNS OF CONSPECIFIC COMMUNICATION IN *PSEUDACRIS SIERRA* TADPOLES.

**Fabien Tesfazion** - University of Kansas, Lawrence

11:45 AM

A NOVEL METHOD FOR MEASURING STABILIZED HEART RATES IN ECTOTHERMS. <sup>-F,T</sup>

**Owen Conroy**, Garret Peterson, Brandon Wolfsohn, Tiffany Hegdahl, and Travis Robbins - University of Nebraska, Omaha

12:00 PM

Presentation of the George Toland Award and Dennis Ferraro Award - Awards Chair, **Daniel D. Fogell**

**KHS General Business Meeting:** President **Kelly Kluthe** presiding:

Introduction of KHS Officers & Committee Chairpersons:

Treasurer's Report by **Dexter Mardis**

Secretary's Report by **Keith Geluso**

Media and Publicity's Report by **Shania Burkhead-Harris**

Editor's Report by **Travis W. Taggart**

Historian's Report by **Suzanne L. Collins**

Field Trip Report by **Jackson Roberts**

Report on plans for the *KHS 53rd Annual Meeting* on the first weekend in November 2026

by President-Elect **Thomas Luhring**, Wichita State University, Kansas

*Election of Officers for 2025*

**Lynnette Sievert** (Emporia State University, Kansas), Nominating Committee Chair, offers the following slate of candidates:

- For President-Elect      **Dennis Ferraro**, University of Nebraska, Lincoln  
   **Richard Glor**, University of Kansas, Lawrence
- For Treasurer            **Dexter Mardis**, Wichita, Kansas
- For Secretary            **Keith Geluso**, Kearney, Nebraska

Announcement of the KHS election results by President **Kelly Kluthe**

## POSTER SESSION I

FRIDAY • 7 NOVEMBER 2025 • 6:30—8:00 PM • Conference Rooms 2 & 3

RELATIONSHIP BETWEEN PERSONALITY TRAITS, BRUMATION EMERGENCE TIME, AND PHYSICAL TRAUMA.

**Ash Van Dalsem**, Augst Weishaar-Wilson, Erin Carter, Fritz Menninger, Serena Schmitz, Kyra Jantzen, Colin Nelson, and Benjamin Reed - Washburn University, Topeka, Kansas

GROWTH RATES OF ORNATE BOX TURTLES (*TERRAPENE ORNATA*) ACROSS DIFFERENT POPULATIONS.

**Alexis Dalton**, **Bowie Stockdale**, and Benjamin Reed - Washburn University, Topeka, Kansas

NOVEL OBSERVATIONS OF ORNATE BOX TURTLE (*TERRAPENE ORNATA*) DIET IN NORTHEASTERN KANSAS.

**Madeline Holter** and Benjamin Reed - Washburn University, Topeka, Kansas

CASE STUDY INVESTIGATING POTENTIAL MORTALITY FACTORS OF ORNATE BOX TURTLES (*TERRAPENE ORNATA*) IN NORTHEASTERN KANSAS.

**Serena Schmitz**, **Kyra Jantzen**, Emily Valenzuela, Kaitlyn Avila, Madeline Holter, Alexis Dalton, Bowie Stockdale, Michael Avila, Kaylyn Hobelman, August Weishaar-Wilson, Ash Van Dalsem, Erin Carter, Fritz Menninger, and Benjamin Reed - Washburn University, Topeka, Kansas

LUNGE AND LAUNCH: KINEMATICS OF THE SNAPPING TURTLE'S (*CHELYDRA SERPENTINA*) LUNGE.

**Donnie Flowers**, Gavin Payne, and David Penning - Missouri Southern State University, Joplin

TOWARDS BETTER REPTILE HUSBANDRY: USING AFOXOLANER (NEXGUARD®) FOR MITE MANAGEMENT IN A LARGE SNAKE COLONY.

**Lily Rand** and David Penning - Missouri Southern State University, Joplin

UP TO THE NECK: ECOLOGY OF THE RING-NECKED SNAKE (*DIADOPHIS PUNCTATUS*) IN SW MISSOURI.

**Joe Stapp**, David Penning, Jessica Pazin, Nathaniel Laughlin, and Johnathan Evenson - Missouri Southern State University, Joplin

THE SCALING OF MORPHOLOGY IN THE WESTERN COTTONMOUTH (*AGKISTRODON PISCIVORUS*).

**Natalie Rodriguez** and David Penning - Missouri Southern State University, Joplin

THE POWER OF THE INDIGO: BITE PERFORMANCE IN *DRYMARCHON*.

**Johnathan Evenson** and David Penning - Missouri Southern State University, Joplin

SMILE, YOU'RE ON CAMERA: THE USE OF TRAIL CAMERAS IN CLAY MODEL PREDATION STUDIES.

Kobi Pearson, **Grace Schriever**, Brenna Jones, Addison Wallace, and David Penning - Missouri Southern State University, Joplin

POPULATION ECOLOGY OF THE MASSASAUGA RATTLESNAKE AT LOESS BLUFFS NATIONAL WILDLIFE REFUGE, MISSOURI.

Darrin Welchert<sup>1</sup> and **Mark S. Mills**<sup>2</sup> - <sup>1</sup>US Fish & Wildlife Service, St. Joseph, Missouri; <sup>2</sup>Department of Biology, Missouri Western State University, St. Joseph

SPOTTING SALAMANDERS WITH TRADITIONAL VERSUS EDNA SURVEYS.

**Sam Skinner**<sup>1</sup>, Spencer Rettler<sup>2</sup>, Andrew Herberg<sup>2</sup>, and Jennifer Y. Lamb<sup>1</sup> - <sup>1</sup>Department of Biology and Chemistry, St. Cloud State University, Minnesota; <sup>2</sup>Minnesota Department of Natural Resources, Saint Paul

ASSESSING URBAN ENCROACHMENT AND LAND COVER EFFECTS ON *AMBYSTOMA ANNULATUM* DISTRIBUTION IN EASTERN MISSOURI.

**Tayci Sullivan** and Tom Anderson - Southern Illinois University, Edwardsville

A DRIFT FENCE/PITFALL TRAP SURVEY OF HERPS, MAMMALS, AND INVERTEBRATES ON A RESTORED PRAIRIE.

**Carissa Ganong**, Emily Sweet, and Mark Mills - Department of Biology, Missouri Western State University, St. Joseph

INTRODUCING MSSU'S AMPHIBIAN AND REPTILE CONSERVATION (A.R.C.) PROGRAM.

**David Penning**, Lily Rand, Natalie Rodriguez, and Ashlyn Kanakis - Missouri Southern State University, Joplin

ASSESSING SPECIMEN SAFETY AND EFFECTIVENESS OF THE LAFRAMBOISE METHOD FOR ALCOHOL TRANSFER (ISOPROPYL > ETHANOL)

**Paige Black** and Jackson Roberts - Sternberg Museum of Natural History, Hays, Kansas

## POSTER SESSION II

SATURDAY • 8 NOVEMBER 2025 • 3:00 - 4:30 PM • Conference Rooms 2 & 3

TURTLES IN ARKANSAS: PRELIMINARY FINDINGS FROM YEAR 1 OF A 4-YEAR ALLIGATOR SNAPPING TURTLE SURVEY.

**Kevin Babbitt** and Day Ligon - Missouri State University, Springfield

ALLIGATOR SNAPPING TURTLE DISTRIBUTION SURVEYS IN THE ARKANSAS AND RED RIVER BASINS.

**Derek L. Bateman**, Tessa N. Irvine, Kevin Babbitt, Alexander Edmond, and Day B. Ligon - Missouri State University, Springfield

A HIGHLY EFFECTIVE METHOD FOR DOCUMENTING OCCURRENCES OF TURTLES IN RIVERS: DIGISCOPING.

**Alexis F. L. A. Powell** and Greg Sievert - Emporia State University, Kansas

A LONG-TERM STUDY OF AN URBAN TURTLE POPULATION: 17 YEARS OF TRAPPING TURTLES ON A COLLEGE CAMPUS.

**Mark S. Mills**, Claudia Cartaya, Angel Justus, Jared Kelly, Tadya Shaffer, and Emily Sweet - Department of Biology – Missouri Western State University, St. Joseph

BUNKER RESURVEY PROJECT: HERPETOFAUNAL DIVERSITY & COMPOSITION.

**Lauren McKinley**, Ava Viscek, Camila Meneses, Christian Supsup, and Ana Motta - University of Kansas, Lawrence

EVOLUTIONARY DIVERGENCE IN COMPLEX ISLAND SYSTEMS: HOW DO DIFFERENT GEOGRAPHIC BARRIERS INFLUENCE GENETIC DIFFERENTIATION AMONG AMPHIBIAN POPULATIONS?

**Fabien Tesfazion**, Kier Mitchel E. Pitogo, and Ana Motta - University of Kansas, Lawrence

CHARACTERIZING HERPETOFAUNAL COMMUNITIES ACROSS PHYSIOGRAPHIC REGIONS OF KANSAS.

**Ava G. Viscek**, Camila G. Meneses, Christian E. Supsup, Fabien Tesfazion, Hayden Cannon, Kier Mitchel E. Pitogo, Lauren McKinley, Syrus Cesar P. Decena, and Ana Motta - Department of Ecology & Evolutionary Biology & Biodiversity Institute, University of Kansas, Lawrence

AN IMPROVED LIVER EXTRACTION TECHNIQUE FOR MUSEUM TURTLE SPECIMENS.

**Dawson Kosmicki** and Jackson Roberts - Sternberg Museum of Natural History, Fort Hays State University, Hays, Kansas

HUNGER PANG: MICROHABITAT ASSOCIATIONS OF *PLETHODON ANGUSTICLAVIUS* IN MCDONALD COUNTY, MISSOURI.

Logan Wilson, Emma Cooper, and **Jazmynn Brewer** - McDonald County High School, Joplin, Missouri

TADPOLES: A TAD PICKY? MICROHABITAT ASSOCIATION FOR MASS CAPACITY REPRODUCTION AND GROWTH IN *LITHOBATES CATESBEIANUS*.

**Jayden Mustain**, Ally Welch, and Kaberlyn Burchett - McDonald County High School, Joplin, Missouri

BASKING SITE SELECTION BY TURTLES ALONG INDIAN CREEK IN ANDERSON, MISSOURI.

Dominick Trimble, Roland Wardlaw, and **Zoey Clower** - McDonald County High School, Joplin, Missouri

OCCURRENCE OF ANURAN CALLS IN RELATION TO PRECIPITATION AND TEMPERATURE IN BIG SUGAR CREEK STATE PARK.

Lilly Reeves, Ellie Allgood, and **Abby Richards** - McDonald County High School, Joplin, Missouri

WHERE THE SNAKES SETTLE: TESTING MICROHABITAT PREFERENCES IN COVERBOARD DESIGNS.

**Jonnie Mahrt** and Kendall Stemper - Cabela's Apprenticeship, UNL Herpetology Lab, University of Nebraska, Lincoln

IMPLICATIONS OF CLIMATIC CHANGES: EFFECTS OF TEMPERATURE VARIABILITY AND PREY ON *AMBYSTOMA MAJOR-TIUM* METAMORPHOSIS INITIATION.

**Hendy Ginting** - Herpetology Lab, University of Nebraska, Lincoln

ALLOPATRIC VARIATION OF SHORT-HORNED LIZARDS (*PHRYNOSOMA HERNANDESI*) IN THE NORTH PLATTE RIVER VALLEY, NE, USA.

**Nicholas G. Kowal** and Dennis M. Ferraro - University of Nebraska, Lincoln

MASS MYSTERY IS HISTORY: COMPARING METHODS OF MEASURING BODY MASS OF LARVAL ANURANS ACROSS ONTOGENY.

**Jamie Joiner**, Shania E. M. Burkhead-Harris, and Thomas M. Luhring - Wichita State University, Kansas

*NOTES:*