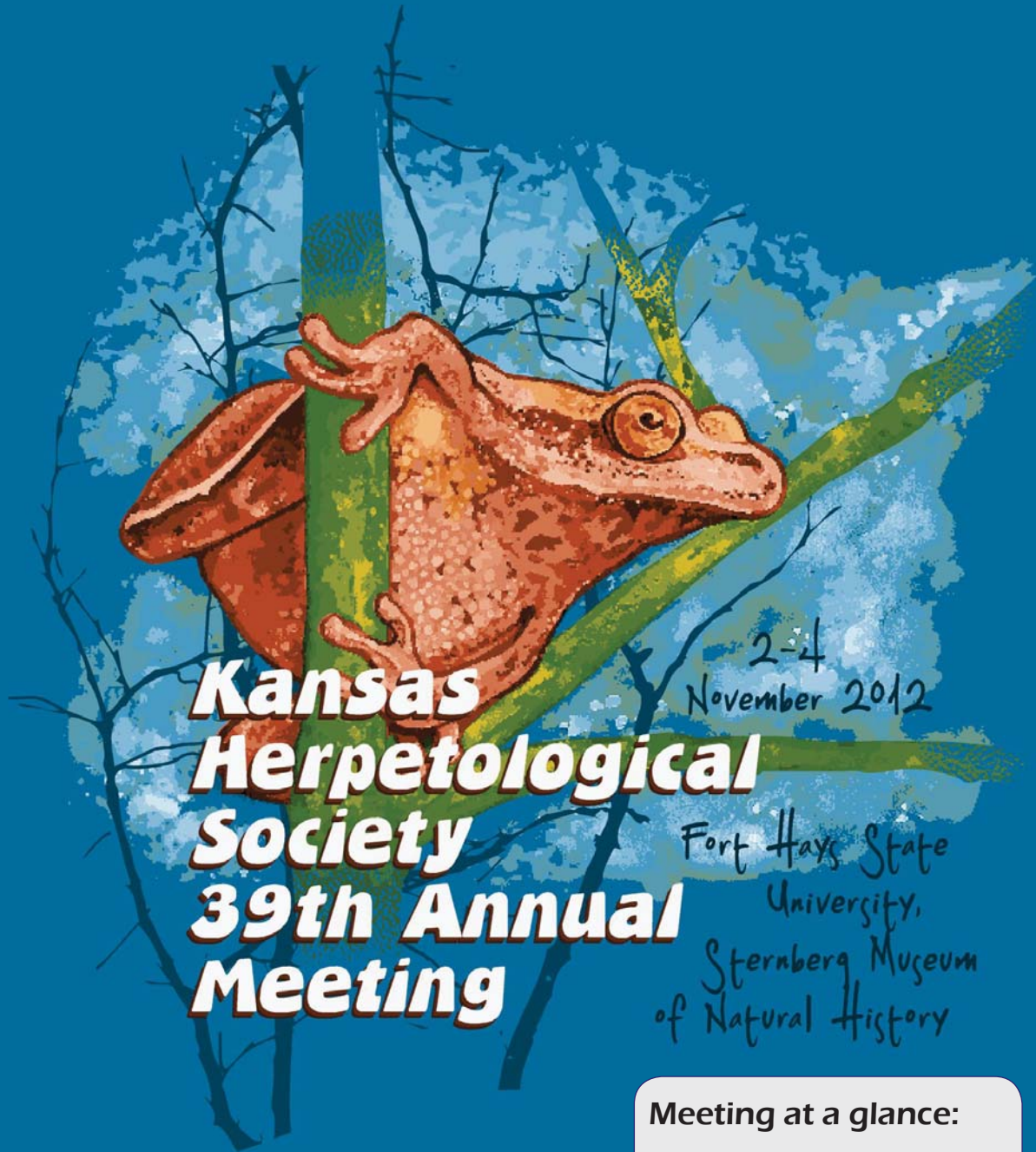


Watercolor by Amanda Whitney Klammer



# Kansas Herpetological Society 39th Annual Meeting

2-4  
November 2012

Fort Hays State  
University,  
Sternberg Museum  
of Natural History

A TRIBUTE TO KHS FOUNDER  
JOSEPH T. COLLINS

## Meeting at a glance:

### Friday

Social 6-10pm  
Library Dedication 7pm

### Saturday

Talks 9am-4pm  
Business Meeting 4-5pm  
Banquet 6-7pm  
Keynote 7-8pm  
Auction 8pm

### Sunday

Talks 9am-Noon  
Adjourn Noon

# KANSAS HERPETOLOGICAL SOCIETY

39th Annual Meeting Program

2–4 November 2012

Sternberg Museum of Natural History/Fort Hays State University, Hays, Kansas

## Sponsors:

Zoo Book Sales • JTC Enterprises • CNAH • Sternberg Museum of Natural History  
FHSU Department of Biological Sciences • FHSU College of Health and Life Sciences

## SATURDAY, 3 NOVEMBER 2012

8:00 am Registration: **Eva A. Horne** (KHS Secretary) and **David Oldham** (KHS Treasurer) in Albertson Hall first floor on the campus of FHSU. Free coffee, bottled water, sodas, and donuts.

9:00 am to 4:00 pm Zoo Book Sales Albertson Hall first floor.

9:00 am Greetings by **Travis W. Taggart** (KHS President), Albertson Hall 169

9:05 am Welcome by **Elmer Finck**, Chair, Department of Biological Sciences, FHSU, Hays, Kansas

### *Scientific Paper Session 1 - Albertson Hall 169*

**Reese Barrick**, Sternberg Museum of Natural History, Hays, Kansas

9:15 am **Larry Miller**. *Recollections from my first dozen years with JTC*

9:30 am David A. Chiszar, Hobart Smith, Bryon Shipley, and Kevin Fitzgerald, University of Colorado, Boulder. *Straightness of path during and after the vernal migration in prairie rattlesnakes (Crotalus viridis viridis) in eastern Colorado*. Presented by **Daniel D. Fogell**

9:45 am **George Pisani** and Bill Busby, Kansas Biological Survey, Lawrence. *Redbelly Snakes in Kansas: Finding needles in haystacks without a metal detector*.

10:00 am **J. Daren Riedle**<sup>1</sup> and Roy Averill-Murray<sup>2</sup>. <sup>1</sup>Lincoln University, Jefferson City, Missouri. <sup>2</sup>U.S. Fish and Wildlife Service Desert Tortoise Recovery Office, Reno, Nevada. *Home-range and shelter site selection in Sonoran Desert Tortoises*.

BREAK 10:15 am to 10:30 am

### *Scientific Paper Session 2 - Albertson Hall 169*

**Mindy Walker**, Rockhurst University, Kansas City, Missouri

10:30 am **Tom Mathies**, Fort Collins, Colorado. *Western Fence Lizard at its range limits in the Pacific Northwest: Climatic niche divergence or conservation?*

10:45 am **Eva Gann** and David Penning. The University of Central Missouri, Warrensburg. *Thermal Ecology of overwintering snakes in a cave hibernaculum in Johnson County, Missouri*.

11:00 am **Jason L. Smith**, University of Nebraska at Omaha. *Facultative learning capability of terrestrial Box Turtles using a visual stimulus*.

11:15 am **Cameron Young**, The Center for Snake Conservation, Louisville, Colorado. *Snake Count - Citizen Science for Snake Conservation*.

11:30 am KHS Group Photograph (**Larry Miller**, Kansas Heritage Photography)

LUNCH: 11:45 am to 1:15 pm (at the restaurant of your choice)

### *Scientific Paper Session 3 - Albertson Hall 169*

**Dan Fogell**, Southeast Community College, Lincoln, Nebraska

1:15 pm **Malcolm McCallum** and Gwen Bury, University of Missouri - Kansas City. *Amphibians, reptiles, turtles, and all vertebrate biodiversity is crashing, and no one cares*.

1:30 pm **Ivan Monagan**<sup>1</sup>, Christian d'Orgeix<sup>1</sup> and Tom Mathies<sup>2</sup>, <sup>1</sup>Department of Biology, Virginia State University Petersburg, Virginia, <sup>2</sup>Fort Collins, Colorado. *The converse of Bergmann's Rule displayed by male Bunchgrass Lizards, Sceloporus slevini*.

1:45 pm **Walter E. Meshaka, Jr.**, Harrisburg, Pennsylvania. *The Green Frog, Lithobates clamitans melanota (Rafinesque, 1820), in Canada: Life along the northern edge*.

- 2:00 pm **Billy J. Pope**, 505A Harrell, Canyon Texas, 79015, Richard Kazmaier, and Rocky Ward, 2501 4th Avenue Canyon, Texas 79016. *Taxonomic affinity of an isolated western Pseudemys population: A molecular approach.*
- 2:15 pm **Felena King-Cooley**, J. Daren Riedle, Simone Johnson, and Lucas Prater. Lincoln University, Jefferson City, Missouri. *Ecology of an urban box turtle population part I: Home range and movements.*
- 2:30 pm **Simone Johnson**, J. Daren Riedle, Felena King-Cooley, and Lucas Prater. Lincoln University, Jefferson City, Missouri. *Ecology of an urban box turtle population part II: Population structure.*
- 2:45 pm **William (Bill) Pence**, Emporia State University, Emporia, Kansas. *Survey of Rare Herpetofauna at the Fort Riley Military Reservation.*

3:00 pm to 3:15 pm - BREAK

*Scientific Paper Session 4 - Albertson Hall 169*

- Bill Stark**, Fort Hays State University/Sternberg Museum of Natural History, Hays, Kansas
- 3:15 pm **Lisa Prowant**, Rob Channell, and Bill Stark, Fort Hays State University, Hays, Kansas. *Inferring species distributions of herpetofauna in south-central Kansas for conservation planning*
- 3:30 pm **Adam Rusk**, Rob Channell, and Bill Stark, Fort Hays State University, Hays, Kansas. *An analysis of habitat use among four lizards in south-central Kansas.*
- 3:45 pm **Kasandra Brown**, Rob Channell and Bill Stark, Fort Hays State University, Hays, Kansas. *Sexual dimorphism among populations of the Texas Horned Lizard in south-central Kansas*
- 4:00 pm **Kyle Broadfoot**, Rob Channell, and Bill Stark, Fort Hays State University, Hays, Kansas. *Spatial association of the Texas Horned Lizard and Harvester Ants (Pogonomyrmex spp.) in south-central Kansas.*

*4:15 pm KHS General Business Meeting*

Introduction of KHS Officers and Dignitaries by **Travis W. Taggart**  
KHS Interim Treasurer's Report for 2012 by **David Oldham**  
KHS Secretary's Report for 2012 by **Eva A. Horne**  
KHS Editor's Report for 2012 by **Curtis J. Schmidt**  
KHS Historian's Report for 2012 by **Suzanne L. Collins**

Report on Plans for the 40th Annual KHS Meeting in Wichita, Kansas, on the first weekend in November 2013 by KHS President-Elect **Dan Murrow** (Hutchinson, Kansas)

Election of KHS Officers for 2013

The KHS Nominating Committee composed of **David Oldham** (Pittsburg State University) and **Dan Carpenter** (Derby, Kansas) offers the following slate of candidates:  
For President • **Daniel Murrow**, Hutchinson, Kansas  
President-elect during 2012; automatically assumes the KHS presidency on 1 January 2013  
For President-Elect (unopposed) • **Dan Fogell**, Southeast Community College, Lincoln, Nebraska  
For Treasurer (unopposed) • **David Oldham**, Pittsburg State University, Pittsburg, Kansas  
For Secretary (unopposed) • **Eva A. Horne**, Kansas State University, Manhattan

**SATURDAY EVENING, 6 NOVEMBER 2010**

6:00 pm Welcome by **Reese Barrick**, Sternberg Museum of Natural History

6:15 pm KHS Banquet

*6:45 pm KHS Awards Ceremony*

**Daniel Fogell**, Southeastern Community College, Lincoln, Nebraska  
Presentation of the **Henry S. Fitch-Dwight R. Platt Award for Field Herpetology**  
Presentation of the **Howard Kay Gloyd-Edward Harrison Taylor Scholarship**  
Presentation of the **Alan H. Kamb Grant for Research on Kansas Snakes**  
Presentation of **The Suzanne L. & Joseph T. Collins Award for Excellence in Kansas Herpetology**

7:00 pm Keynote Address:

**Brian I Crother,**  
Southeastern Louisiana University,  
*The Bold Hypothesis(es) of Joseph T. Collins.*

7:45 pm *The KHS Auction* will be conducted in the Sternberg Museum of Natural History lobby by **Walter E. Meshaka, Jr., Daniel Fogell,** and **Eric Thiss,** ably assisted by KHS Secretary **Eva Horne** and KHS Treasurer **David Oldham,** and featuring many breath-taking books and other items (of questionable value). The KHS takes cash, credit cards, and checks. Be sure and get a bidding number before the auction commences. Bid vigorously, and support the KHS. All proceeds from the auction go to the KHS. Beer, soft drinks, and snacks will be free.

**SUNDAY, 4 NOVEMBER 2010**

8:00 am Registration for participants that did not register on Saturday: **Eva A. Horne** (KHS Secretary) and **David Oldham** (KHS Treasurer) just outside the auditorium of the Albertson Hall.  
Free coffee, bottled water, sodas, juice, and donuts.

*Scientific Paper Session 5 - Albertson Hall 169*

**Robin Oldham,** Oswego, Kansas

9:00 am **James Emerson** and Richard T. Kazmaier, West Texas A&M University, Canyon, Texas. *Ecology of a snake community along the Canadian River drainage.*

9:15 am **Walter E. Meshaka, Jr.,** Eugene Wingert, Randy W. Cassell, Pablo R. Delis, and Noel Potter, Jr. *status and distribution of the Eastern Spadefoot, Scaphiopus holbrookii (Harlan, 1835), in Pennsylvania: statewide conservation implications for an imperiled species.*

9:45 am **Lucas Prater,** J. Daren Riedle, Raymond Bayan, and Abua Ikem. Lincoln University, Jefferson City, Missouri. *Food webs and ecotoxicology of an Ozark River: A very preliminary analysis.*

10:00 am **Alexander J. Anton,** James Fawcett, Tracy Langkilde, Jeffery French, Claudia Rauther, and Dr. Sean Graham, University of Nebraska at Omaha. *Effects of chronic corticosterone increases on the maternal behavior of the Prairie Skink, Plestiodon septentrionalis.*

BREAK 10:15 am

*Scientific Paper Session 6 - Albertson Hall 169*

**Curtis Schmidt,** Fort Hays State University, Hays, Kansas

10:30 am **Ashley VanderHam,** Craig Allen, and Michelle Hellman, University of Nebraska-Lincoln. *Herpetofauna monitoring to assess wetland restoration success.*

10:45 am **Eric Buerer,** University of Nebraska-Kearney. *Local and regional effects of water resources on the herpetofauna of central Nebraska.*

11:00 am **Katie Talbott,** Southern Illinois State University, Carbondale. *Using harmonic radar to monitor movements of Texas Horned Lizard hatchlings on Tinker Air Force Base.*

11:15 am **Anthony E. Bridger** and Keith Geluso, University of Nebraska at Kearney. *Late seasonal movements and thermoregulation of Garter Snakes in a riparian floodplain.*

11:30 am **Andrew Coleman** and Greg Sievert, Emporia State University, Emporia, Kansas. *Efficacy of different artificial cover objects in reptile surveys.*

11:45 am **Kelly J. Irwin,** Arkansas Game and Fish Commission, Benton, Arkansas. TBD.

Noon: Presentation of the fourth annual *George Toland Award* by KHS President Travis W. Taggart. The award is given for the best paper presented at this meeting by a KHS student member on the ecology of North American amphibians, reptiles, turtles, and/or crocodylians.

ADJOURNMENT

*39th Annual Meeting Local Committee*

Reese Barrick, Bill Stark, Curtis Schmidt, Suzanne L. Collins, Travis W. Taggart