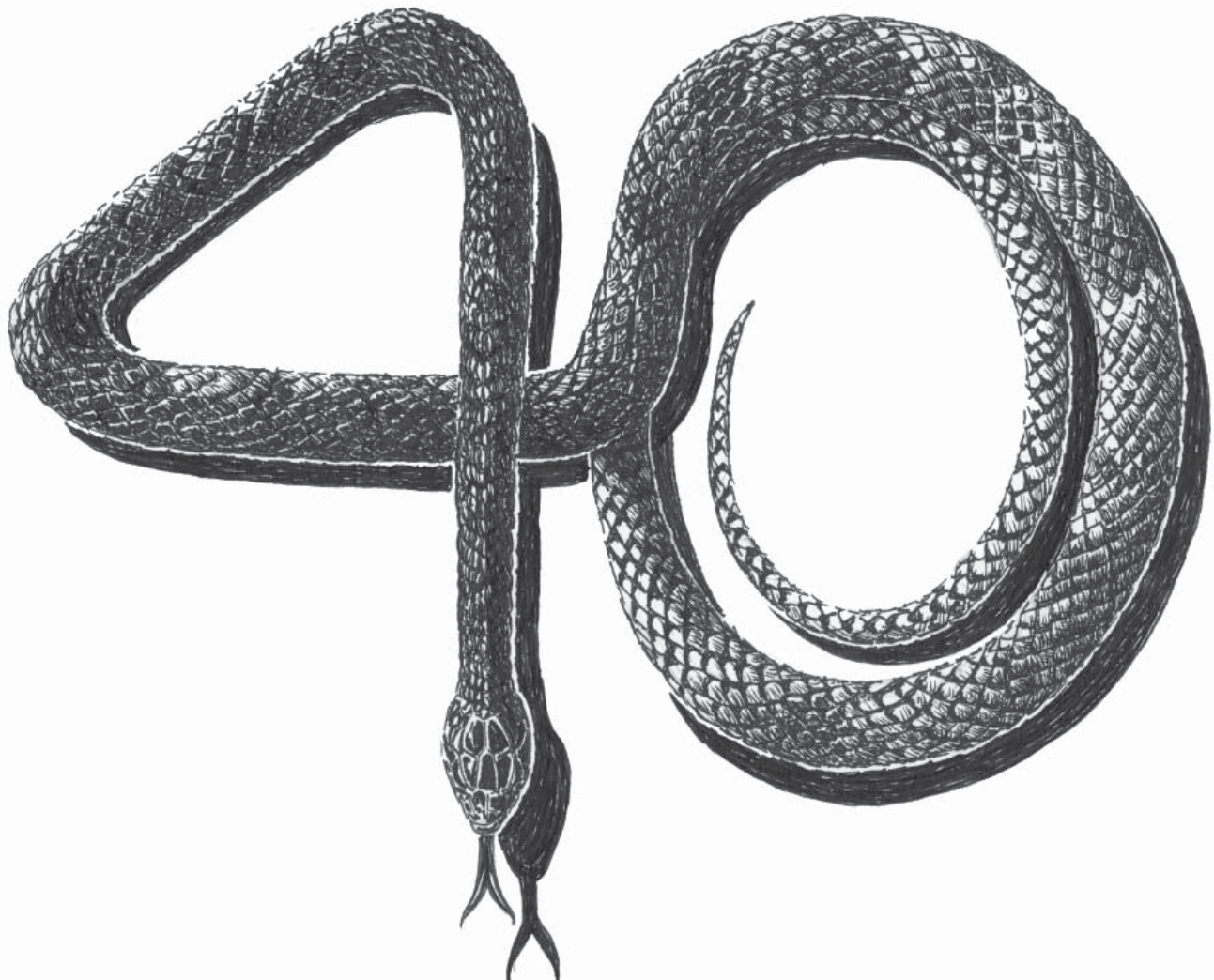


KANSAS HERPETOLOGICAL SOCIETY

40th Annual Meeting

1-3 November 2013

Great Plains Nature Center, Wichita, Kansas



1974-2013



Sponsors

Zoo Book Sales • JTC Enterprises • CNAH
John F. Lokke • Sedgwick County Zoo

SATURDAY - 2 NOVEMBER 2013

8:00 am Registration: **Eva A. Horne** (*KHS Secretary*) and **David Oldham** (*KHS Treasurer*) just outside the auditorium of the Great Plains Nature Center, Wichita, Kansas. *KHS Annual Meeting T-Shirts* featuring original artwork by our own **John F. Lokke** will be available for purchase. Beverages(non adult) and breakfast pastries provided gratis.

9 am-4 pm **Zoo Book Sales** just outside the auditorium of the Great Plains Nature Center. The popular and highly regarded book seller, **Eric Thiss**, will display his impressive diversity of herpetological titles. Buy your favorite books. Eric is a generous contributor to *KHS*.

PLEASE NOTE: Photographers competing for **The Suzanne L. & Joseph T. Collins Award for Excellence in Kansas Herpetology** must get their submissions set up and ready for viewing between 8:00 am and 10:00 am on this date in Room 118 of Smith Hall. Judging will be completed by 4:00 pm on same date. Submissions must be in the form of prints (color or black-and-white) no larger than 11 x 14 inches and matted to stiffboard for ease of setting up, viewing and judging. Up to five (5) submissions per photographer. Elected officers of the *KHS* and *CNAH* Board members are not eligible to compete. Competing photographers must be present for the *KHS Awards Ceremony* on Saturday afternoon.

Scientific Paper Session 1 in the auditorium of the Great Plains Nature Center

9:00 am: Opening Address by **Daniel G. Murrow**, *President, Kansas Herpetological Society, Hutchinson, KS.*

9:05 am: Welcome by **Lorrie Beck**, *Director, Great Plains Nature Center.*

9:15 am: Plains People: Joe Collins: A Video Tribute to Joseph T. Collins, *KHS Founder.* Introduced by: **John F. Lokke.** *Wichita State University, Wichita, Kansas.*

9:30 am: A Historical Tour of *KHS Field Trips.* **Kelley Tuel**, Josh Tuel, Suzanne L. Collins, Larry L. Miller, Eric Kessler. *Olathe, Kansas.*

9:45 am: Kansas Herpetology: A Rich History and Promising Future. **Travis W. Taggart.** *The Sternberg Museum of Natural History, Hays, Kansas*

BREAK 10:15 am to 10:30 am

Scientific Paper Session 2 in the auditorium of the Great Plains Nature Center

Moderator: **Travis W. Taggart**, *The Center for North American Herpetology, Hays, Kansas.*

10:30 am Using Amphibian Monitoring to Create Wetland Restoration Guidelines. **Ashlee VanderHam.** *University of Nebraska-Lincoln.* **

10:45 am Differential Use of Ponds by Two Species of Turtles and its Role in Colonization. **Daniel F. Hughes**, Amy Tegeler, and Walter E. Meshaka, Jr. *University of Texas at El Paso.*

11:00 am KEYNOTE ADDRESS:

**Why scientific names change:
Science and the shock of the new.**

Darrel D. Frost, *American Museum
Natural History, New York, New York.*



11:35 am *KHS Group Photograph* (**Larry L. Miller**, *Kansas Heritage Photography*)

LUNCH: 11:50 am to 1:15 pm

(Meeting participants are expected to forage independently, or in large groups if this provides leverage.)

Scientific Paper Session 3 in the auditorium of the Great Plains Nature Center

Moderator: **Daniel D. Fogell**, *Southeast Community College, Lincoln, Nebraska.*

1:15 pm Freak Show! How pattern and Color Mutations can Provide Insight into Selective Pressure, and the Components of Pattern and Color in *Heterodon nasicus*. **Dan Krull.** *Shawnee, Kansas.*

1:30 pm Geographic Variation in Selected Life History Traits in the Eastern Narrowmouth Toad, *Gastrophryne carolinensis* Along the Northeastern Edge of its Geographic Range. **Walter E. Meshaka, Jr.**, Pablo R. Delis, and Katie Walters. *The State Museum of Pennsylvania, Harrisburg, Pennsylvania.*

1:45 pm Four Years of Turtle Trapping on the Little Arkansas River. **Bill Welch.** *Wichita North High School, Wichita, Kansas.*

2:00 pm Citizen Science on Military Installations—Fort Leavenworth, Kansas. Lt. Col. **Chris McMartin.** *United States Air Force. Fort Leavenworth, Kansas.*

2:15 pm Toxic Effects of a Combined Exposure to Nitrate and the Fungus, *Batrachochytrium dendrobatidis* on the African Clawed Frog, *Xenopus laevis*. **Derek Norrick.** *Wichita State University, Wichita, Kansas.*

2:30 pm Topic: Conservation Successes of the Sedgwick County Zoo's Amphibian and Reptile Department. **Stephanie N. Kelley.** *Sedgwick County Zoo, Wichita, Kansas.*

BREAK 2:55 pm to 3:10 pm

Photograph Identification Quiz in the auditorium of the Great Plains Nature Center

Refresh your memories, this quiz will feature photographs of Kansas herpetofauna, historical people, significant places, and special events from the first 40 years of the *Kansas Herpetological Society*, as well as sound bites of anuran calls. You will also be asked to name certain actions or anatomical features that are displayed within the photographs. Come prepared to compete, there will be prizes.

KHS General Business Meeting

4:15 pm *KHS General Business Meeting*, KHS President **Daniel G. Murrow** presiding
Introduction of KHS Officers & Dignitaries
KHS Treasurer's Report for 2013 by **David Oldham**
KHS Secretary's Report for 2013 by **Eva A. Horne**
KHS Editor's Report for 2013 by **Curtis J. Schmidt**
KHS Historian's Report for 2013 by **Suzanne L. Collins**

Report on Plans for the 41st Annual *KHS Meeting* on the first weekend in November 2014
by *KHS President-Elect* **Daniel D. Fogell**, *Southeast Community College, Lincoln, Nebraska*.

Election of KHS Officers for 2013.

The *KHS Nominating Committee*, composed of **Dan Carpenter** (*Derby, Kansas*), offers the following slate of candidates:
For President-Elect (unopposed) • **Walter Meshaka**
For Treasurer (unopposed) • **David Oldham**
For Secretary (unopposed) • **Eva A. Horne**
Announcement of the results of the *KHS election* by the *KHS President*

KHS Awards Ceremony

Moderator: Daniel D. Fogell, Southeast Community College, Lincoln, Nebraska.

Henry S. Fitch-Dwight R. Platt Award for Field Herpetology for 2013.

The recipient receives a commemorative certificate and a check for \$200.00.

Howard Kay Gloyd-Edward Harrison Taylor Scholarship for 2013.

The recipient receives a commemorative certificate and a check for \$300.00.

Alan H. Kamb Grant for Research on Kansas Snakes for 2013.

The recipient receives a commemorative certificate and a check for \$300.00.

The Suzanne L. & Joseph T. Collins Award for Excellence in Kansas Herpetology for 2013.

The recipient of The Collins Award receives a commemorative certificate and a check for \$1000.00.

DINNER ca. 4:45 pm to 6:15 pm

(Meeting participants are again expected to forage, this time with greater skill because of their lunch-time experience.)

SATURDAY EVENING - 2 NOVEMBER 2013

6:30 pm The *KHS Auction* will be conducted in the Education Center Auditorium at the *Sedgwick County Zoo* (5555 West Zoo Boulevard, Wichita 67212) 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*.

SUNDAY - 3 NOVEMBER 2013

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 Great Plains Nature Center. *KHS Annual Meeting T-Shirts* featuring original artwork by **John F. Lokke** depicting a Coachwhip (*Coluber flagellum*) will be available for purchase. Free coffee, bottled water, sodas, and donuts.

Scientific Paper Session 4 in the auditorium of the Great Plains Nature Center

Moderator: **John F. Lokke**, *Wichita State University, Wichita, Kansas*

- 9:00 am Stomach Contents of an Invasive Population of *Lithobates catesbianus* in Nebraska. **Joshua J. Mead**. *University of Nebraska-Lincoln*. **
- 9:15 am Variation in Growth as a Function of Prey Diet in *Lampropeltis getula californiae* and *Pantherophis guttatus* (Colubridae). **Eva Gann**. *University of Central Missouri, Warrensburg, Missouri*. **
- 9:30 am Teamwork in Teiids: Social Foraging in *Ameiva corax*. **Douglas Eifler**. *Erell Institute, Lawrence, Kansas*.
- 9:45 am Prairie Ringneck Snake Microhabitat Selection. **Emma Pauly-Hubbard**. *Emporia State University, Emporia, Kansas*. **
- 10:00 am The Effects of Different Tissue Preservation Methods on the Quality of DNA Extractions from Herpetofaunal Specimens. **Madison Noel** and Hannah Tharp. *Center for Advanced Professional Studies (CAPS), Blue Valley School District, Overland Park, KS* **

BREAK 10:15 am to 10:30 am

Scientific Paper Session 5 in the auditorium of the Great Plains Nature Center

Moderator: **Curtis Schmidt**, *Sternberg Museum of Natural History, Hays, Kansas*

- 10:30 am A Comparison of 2012 and 2013 Herpetofaunal Populations in South-Central Kansas. **Kassandra Brown**, Dr. Rob Channell, and Dr. Bill Stark. *Fort Hays State University, Hays, Kansas*. **
- 10:45 am Snake Community Responses to Woody Shrub Density in a Fire-suppressed High Plains Grassland. **Jarret Z. Kachel**, Dr. Richard T. Kazmaier, and Raymond Matlack. *West Texas A&M University, Canyon, Texas*. **
- 11:00 am The Effects of Fire on Herpetofauna at a site in Eastern Texas. **Ashley Tubbs** and Dr. Richard T. Kazmaier. *West Texas A&M University, Canyon, Texas*. **
- 11:15 am Breeding and Larval Growth of the Marbled Salamander, *Ambystoma opacum* from Two Adjacent Sites in South-central Pennsylvania. **Walter E. Meshaka, Jr.**, Stephanie I. Williams, Sarah R. Bartle, and Pablo R. Delis. *The State Museum of Pennsylvania, Harrisburg, Pennsylvania*.
- 11:40 am First report of *Batrochochytrium dendrobatidis* associated with Amphibians in Kansas. **Timothy C. Eberl**, Audrey L. McTaggart, Oliver Keller, Christopher Bond, and Dr. Mary Liz Jameson. *Wichita State University, Wichita, Kansas*. **

Noon: Presentation of the fifth annual George Toland Award by KHS President Daniel G. Murrow.

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. The *KHS Awards Committee* will select the winner. The recipient must be present to receive the commemorative certificate and a check for \$200.00, co-sponsored by the *KHS* and *The Center for North American Herpetology*.

ADJOURNMENT

Have a safe trip home.

See you on the first weekend in November 2014 for the 41st Annual *KHS* Meeting.

40th Annual Meeting Committee

Daniel G. Murrow (Chairperson)

Dexter R. Mardis, Suzanne L. Collins, John F. Lokke, Travis W. Taggart, Curtis Schmidt, Molly M. Reichenborn

The Suzanne L. & Joseph T. Collins Award for Excellence in Kansas Herpetology will be given at this *KHS* 40th Annual Meeting in Wichita, Kansas, to the *KHS* member judged to have taken the best photograph of a native species of the Kansas herpetofauna. The *KHS Awards Committee*, composed of **Daniel D. Fogell, George R. Pisani, Walter E. Meshaka, Jr. & Bob Gress** (ex officio) will select the recipient from photographic prints on display near the auditorium in the Great Plains Nature Center, from 10:00 am to 2:00 pm on Saturday, 2 November 2013, at the *KHS* meeting. During odd-numbered years (photography competition), only *KHS* members are eligible. During even-numbered years (scientific presentations or publications), candidates are strongly encouraged to join the *KHS*, because preference will be given to *KHS* members.

** Signifies eligibility for the **George Toland Award for Ecological Research on North American Herpetofauna**.

*** Denotes eligibility for the **Suzanne L. & Joseph T. Collins Award for Excellence in Kansas Herpetology** in 2014.