



Kansas Herpetological Society
31st Annual Meeting Program
6-7 November 2004
Ackert Hall
Kansas State University
Manhattan, Kansas

Saturday, 6 November 2004

8:00 am **Registration** for both days: Mary Kate Baldwin (KHS Secretary) and Eric Kessler (KHS Treasurer) in Ackert Hall on the KSU Campus.

9:00 am to 4:00 pm **Live Exhibit** in Room 114 of Ackert Hall.

8:40 am **Welcome** by Brian Spooner, Chairperson, Division of Biology, Kansas State University.

8:45 am **Welcome** by Eva Horne (KHS President).

Scientific Paper Session 1: Room 120, Ackert Hall

Moderator: **Curtis J. Schmidt**, Sternberg Museum of Natural History, Fort Hays State University.

9:00 am KEYNOTE SPEAKER: **Alicia S. Mathis**, Department of Biology, Southwest Missouri State University, Springfield. Topic: **Sex, Safety, and Survival: Social Behavior and Conservation Biology of Salamanders.**

9:45 am **Daphne Jones, Lynett Bontrager & Lynnette Sievert**, Emporia State University. **Transit Rate versus Gastric Digestion in Corn Snakes (*Pantherophis guttatus*).**

10:05 am **Lynett Bontrager, Daphne Jones & Lynnette Sievert**, Emporia State University. **Influence of Meal Size on Temperature Selection in Corn Snakes (*Pantherophis guttatus*).**

10:25 am **Break**

Scientific Paper Session 2: Room 120, Ackert Hall

Moderator: **Dwight R. Platt**, Bethel College, North Newton, Kansas.

10:40 am **Ryan L. Rehmeier**, Kansas State University, Manhattan, & **Raymond S. Matlack**, West Texas A&M University, Canyon. **Reptiles in an Agricultural Landscape: Use of GIS and Road-survey Data.**

11:00 am **Sean Daly**, Sam Houston State University, Huntsville, Texas. **Comparison of Erythrocyte Osmotic Fragilities from Gray Treefrogs, *Hyla versicolor* and *Hyla chrysoscelis*.****

11:20 am **Dustin J. Wilgers & Eva A. Horne**, Kansas State University, Manhattan. **Communication in Eastern Collared Lizards.****

11:40 am **KHS Group Photograph** taken by **Larry L. Miller** (Kansas Heritage Photography, Wakarusa)

LUNCH: noon to 1:15 pm (at the restaurant of your choice)

Scientific Paper Session 3 in Room 120, Ackert Hall

Moderator: **Lynnette Sievert**, Emporia State University.

1:15 pm **Travis W. Taggart**, Sternberg Museum of Natural History, Fort Hays State University. **Kansas Herpetofaunal Survey: An Overview of the First Year.**

1:35 pm **Curtis J. Schmidt**, Sternberg Museum of Natural History, Fort Hays State University. **Kansas Herpetofaunal Survey: The Amphibians & Turtles.****

1:55 pm **Richard Hayes**, Sternberg Museum of Natural History, Fort Hays State University. **Kansas Herpetofaunal Survey: The Reptiles.****

2:15 pm **George R. Pisani**, Kansas Biological Survey, University of Kansas & **Henry S. Fitch**, Fitch Natural History Reservation, University of Kansas. **First-year Gains in Mass and SVL in *Crotalus horridus* from Northeastern Kansas.****

2:35 pm: **Henry S. Fitch**, Fitch Natural History Reservation, University of Kansas, & **Alice F. Echelle**, Oklahoma State University, Stillwater. **Sexual and Ontogenetic Differences in Food Habits of Some Snakes on the Fitch Natural History Reservation in Northeastern Kansas.****

2:55 pm **Break**

Scientific Paper Session 4: Room 120, Ackert Hall

Moderator: **Suzanne L. Collins**, The Center for North American Herpetology, Lawrence.

3:15 pm **Erik M. Bartholomew & William Stark**, Fort Hays State University. **Effects of Prescribed Burning on Snakes at a National Wildlife Refuge.****

3:35 pm **Bruce Eichhorst & Christie Coleman**, University of Nebraska at Kearney. **Herpetofaunal Species Composition and Relative Abundance between Riparian Woodland and Clear-cut Areas at Jeffrey Island Habitat Area, Dawson County, Nebraska.**

3:55 pm **KHS General Business Meeting** with KHS President Eva Horne presiding in Room 120, Ackert Hall, Kansas State University

Introduction of current KHS officers by **Eva Horne**

KHS Treasurer's Report for 2004 by **Eric Kessler**

KHS Secretary's Report for 2004 by **Mary Kate Baldwin**

KHS Editor's Report for 2004 by **Travis W. Taggart**

KHS Historian's Report for 2004 by **Suzanne L. Collins**

Report on Plans for the 32nd Annual KHS Meeting at Pittsburg State University, Pittsburg, Kansas, in 2005 by KHS President-Elect **David Oldham** (Pittsburg State University, Pittsburg, Kansas).

Election of KHS Officers for 2005. The 2004 KHS Nominating Committee is composed of Joseph T. Collins (Kansas Biological Survey, Lawrence), and Stanley D. Roth (Kansas Biological Survey, Lawrence), and Eva Horne (Kansas State University), and offers the following slate of candidates:

For President

David Oldham, Labette Community College, Parsons, Kansas
Serving as president-elect during 2004, and automatically assumes the KHS presidency on 1 January 2005.

For President-Elect

Keith Coleman, Johnson County Community College, Overland Park.
Curtis J. Schmidt, Sternberg Museum of Natural History, Fort Hays State University, Hays, Kansas.

For Treasurer (unopposed)

Eric Kessler, Blue Valley North High School, Overland Park.

For Secretary (unopposed)

Mary Kate Baldwin, Topeka Collegiate School.

Announcement of the results of the KHS election by the Elector, Mary Kate Baldwin.

Presentation of the *Howard Kay Gloyd-Edward Harrison Taylor Scholarship* for 2004 by **Daniel D. Fogell** (KHS Awards Committee).

Presentation of the *Alan H. Kamb Grant for Research on Kansas Snakes* for 2004 by **Daniel D. Fogell** (KHS Awards Committee).

Adjourn 5:00 pm to 6:30 pm Dinner at the restaurant of your choice.

6:30 pm **KHS Auction and Social** at Konza Prairie Biological Station.

6:45 pm Presentation of *The Suzanne L. & Joseph T. Collins Award for Excellence in Kansas Herpetology* for 2004 by **Eva A. Horne** (KHS) & **Walter E. Meshaka, Jr.** (CNAH), will take place. The recipient of *The Collins Award* receives a commemorative plaque and a check for \$1000.00.

7:00 pm KHS Auction will be conducted at the Konza Prairie Biological Station by **Joseph T. Collins**, ably assisted by KHS Secretary **Mary Kate Baldwin** and KHS Treasurer **Eric Kessler**, and featuring many excellent 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, 7 November 2004

8:30 am **Registration: Mary Kate Baldwin** (KHS Secretary) and **Eric Kessler** (KHS Treasurer) in Ackert Hall, Kansas State University

9:00 am **Live Exhibit** in Room 114 of Ackert Hall.

Scientific Paper Session 5: Room 120, Ackert Hall

Moderator: **Sean Daly**, Sam Houston State University, Huntsville, Texas.

9:00 am **Robert Powell**, Avila University, Kansas City, Missouri. **Natural History and Conservation of Reptiles in the Dutch Leeward Islands.**

9:20 am **Jason T. Moore**, Topeka Zoological Park. **Panamanian Golden Frogs (*Atelopus varius zeteki*): The Newest Conservation Effort at the Topeka Zoo.**

9:40 am: **James D. Ray**, BWXT Pantex, LCC, **Michelle D. Stachowicz & Richard T. Kazmaier**, West Texas A&M University, Canyon. **Spatial Ecology of Prairie Rattlesnakes in the High Plains of Texas.**

10:00 am **Richard T. Kazmaier & Todd Y. Montandon**, West Texas A&M University, Canyon, & **Donald C. Ruthven**, Texas Parks and Wildlife Department. **A Radiotelemetry Study of the Western Diamondback Rattlesnake in Southern Texas.**

10:20 am **Break**

Scientific Paper Session 6 in Room 120 of Ackert Hall

Moderator: **Sam Wisely**, Kansas State University, Manhattan.

10:35 am **Meagan Hall**, South Dakota State University, Brookings. **Preliminary Data on the Black Hills Redbelly Snake (*Storeria occipitomaculata pahasapae*).**

10:55 am **Walter E. Meshaka, Jr.**, State Museum of Pennsylvania, Harrisburg. **The Snake Assemblages of Allegheny Grasslands in Western Pennsylvania.**

11:15 am **Tracy J. Patten, Daniel D. Fogell & James D. Fawcett**, University of Nebraska at Omaha. **Preliminary Observations of the Ecology and Demography of the Massasauga (*Sistrurus catenatus*) in Southeast Nebraska.**

11:35 am **Jeremy S. Lane & Richard T. Kazmaier**, West Texas A&M University, Canyon, & **Donald C. Ruthven**, Texas Parks and Wildlife Department. **The Effects of Controlled Burning on Texas Horned Lizards in Southern Texas.**

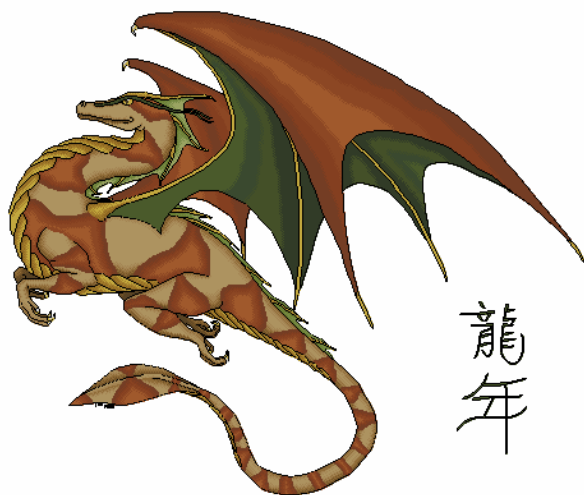
LUNCH: 11:55 am to 1:15 pm (at the restaurant of your choice)

Scientific Paper Session 7 in Room 120 of Ackert Hall

Moderator: **Ryan L. Rehmeier**, Kansas State University, Manhattan.

- 1:15 pm **Mark M. Peyton**, Central Nebraska Public Power & Irrigation District & **Jim Jennings**, Nebraska Public Power District. **Constructed Wetlands and Amphibian Colonization in the Central Platte River Valley, Nebraska: Design and Costs.**
- 1:35 am **Todd Y. Montandon & Richard T. Kazmaier**, West Texas A&M University, Canyon, & **Donald C. Ruthven**, Texas Parks and Wildlife Department. **Natural History of Texas Indigo Snakes in the Western Rio Grande Plains.**
- 1:55 pm **Calvin Cink**, Baker University, Baldwin City, Kansas. **Population Densities and Patterns of Emergence of Smallmouth Salamanders (*Ambystoma texanum*) in Baker Wetlands, Douglas County, Kansas.****
- 2:15 pm **Jay C. Reed & J. C. Mullican**, Washburn University, Topeka, & **M. S. Mills**, Missouri Valley College, Marshall. **The Development and Examination of Brown Water Snake (*Nerodia taxispilota*) Genetic Fingerprints via RAPD Analysis.**
- 2:35 pm: **Chad Whitney**, Johnson County Community College, Olathe. **Destruction of Timber Rattlesnake Dens in Kansas.****
- 2:55 pm **Bethany Harris**, University of Kansas, Lawrence & **Douglas Eifler**, Haskell Indian Nations University, Lawrence. **Effects of Predation Risk on the Behavior of the Desert Grassland Whiptail (*Aspidoscelis uniparens*).**
- 3:15 pm **Michael Morales**, Emporia State University. **Current Ideas on the Origin of Turtles and their Implications for the Classification of Turtles with other Tetrapods.**
- 3:35 pm Open forum: Bring your ten best slides of herpetofauna and/or herpetologists. Show them and tell us about them. Humor is appreciated.

Have a safe trip home. See you in November 2005 in Pittsburg, Kansas, for the 32nd Annual KHS Meeting.



31st Annual Meeting Committee
Eva Horne, Chairperson
Dustin Wilgers
Ryan Rehmeier

Note: A ** after a title indicates it is a candidate for *The Collins Award* in 2006.

Directions to Konza Prairie Biological Station

From Ackert Hall: Go south on **Denison**

Turn east onto **Bluemont**

Turn south onto **Tuttle Creek**

Take the **177** exit

Immediately after crossing the Kansas River bridge, turn right onto **McDowell Creek Rd.**

Proceed about 6 miles

Turn left at **Konza sign**

Proceed through gate (ignoring "do not enter signs")

Follow road until stone buildings of headquarters are in sight.

Auction will be held in **stone barn**.

