

Kansas Herpetological Society's 32nd Annual Meeting

5-6 November
2005

Yates Hall
and Heckert/Wells Hall

Pittsburg State University
Pittsburg, Kansas

Keynote speaker
Stan Trauth



Kansas Herpetological Society 32nd Annual Meeting

5-6 November 2005

Yates Hall, Pittsburg State University, Pittsburg, Kansas

Announcements:

All scientific paper sessions

for the KHS 32nd Annual Meeting will be held in Yates Hall on the Pittsburg State University campus, Pittsburg, Kansas, on 5-6 November 2005.

The annual KHS auction

will be held on Saturday night, 11/5, in Pittsburg, Kansas, at the Lincoln Center. Maps to the location are included in your welcome packet. All proceeds from the auction go to the KHS. Free beer, soft drinks, and snacks will be provided.

KHS photography competition

A photography competition will be held on Saturday, 11/5, in Room 218, Heckert-Wells Hall, to determine the 2005 recipient of The Suzanne L. and Joseph T. Collins Award for Excellence in Kansas Herpetology. Photographers should bring their images (no more than five per photographer) mounted on stiff cardboard for exhibition from 10:00 am to 2:00 pm. Photographers should set up their images between 9:00 am and 10:00 am. The KHS Awards Committee will be viewing and judging the submissions between 10:00 am and 2:00 pm. The Collins Award for 2005 is a check for \$1000.00 and a commemorative certificate; the chosen recipient must be present to receive the award or it will be given to the runner-up.

Zoo book sales

The well-known and highly esteemed book seller, Eric Thiss, will display his tremendous diversity of herpetological titles in Room 329 of Heckert-Wells Hall. Buy your favorite books, new and old. Eric is a generous contributor to the KHS auction.

Live exhibit

Two live exhibits of native Kansas herpetofauna and others have been assembled and will be available, 9:00 to 4:00, Saturday and 9:00 to 11:00, Sunday in Rooms 319 and 329 of Heckert-Wells Hall for viewing. Photography is limited to room 319 only please. Directions and a map to Heckert-Wells hall are provided on the next page.

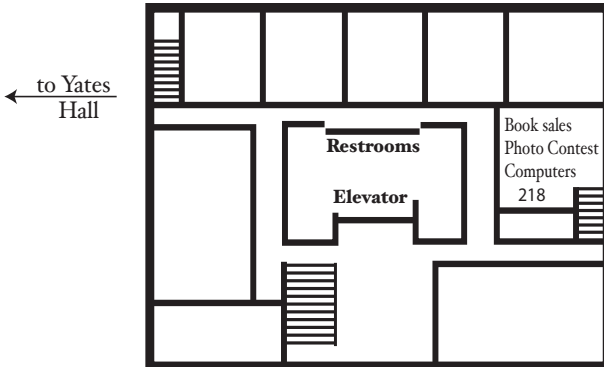
Note to speakers:

We will adhere to a strict schedule for talks. Please plan your talks for no more than 15 minutes with an additional 5 minutes for questions from the audience. After 20 minutes the session moderator will “terminate” your talk! Lecture rooms have a slide projector, an overhead machine, a ceiling mounted projector and computer with “Powerpoint Viewer” and Internet. If you are going to use the computer please bring your talk on a CD.

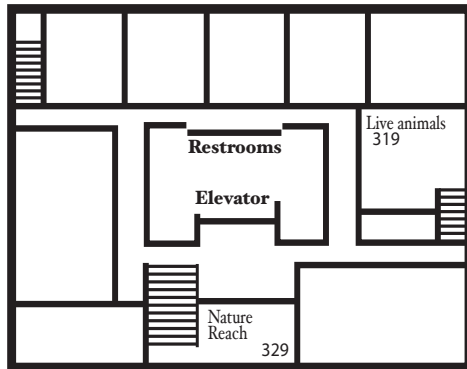
Speakers using the computer should load their talk onto the computer no later than the break session before their talk.

**See the exhibits in Heckert-Wells, next building to the south.
Internet access is available in room 218.**

Heckert-Wells – 2nd Floor



Heckert-Wells – 3rd Floor



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Saturday, 5 November, 2005

Scientific Paper Session 1

Room 102, Yates Hall, PSU.

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

8:00 Registration for both days: Mary Kate Baldwin (KHS Secretary) and Eric Kessler (KHS Treasurer) in Yates Hall on the PSU Campus. Free coffee and donuts will be available.

9:00 to 11:00 Live Exhibit in Rooms 319 and 329 of Heckert-Wells Hall.

8:40 Welcome by James Triplett, Chairperson, Division of Biology, Pittsburg State University.

8:45 Welcome by KHS President, David Oldham

9:00 Keynote speaker: Stanley E. Trauth, Arkansas State University, Jonesboro, Arkansas.

Topic: Ecoregions of Arkansas: A Herpetofaunal Approach.

9:45 Walter E. Meshaka, State Museum of Pennsylvania, Harrisburg.

Topic: Big Grasslands: Land of the Big Snakes.

10:05 Kelly J. Irwin, Arkansas Game and Fish Commission, Benton.

Topic: The Western Diamondback Rattlesnake (*Crotalus atrox*) in Arkansas.

10:25 Break

Scientific Paper Session 2

Room 102, Yates Hall, PSU

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

10:40 Rod Wittenberg, University of Arkansas, Fayetteville.

Topic: A Study of the Timber Rattlesnake in a Fragmented Landscape.

11:00 Eva Horne, Kansas State University, Manhattan.
Topic: Ectoparasites and Female Choice in the Eastern Collared Lizard.**

11:20 Henry S. Fitch, University of Kansas, Lawrence and Alice F. Echelle, Oklahoma State University, Stillwater.
Topic: Squamate Species Undergo Dramatic Geographical Changes in Their Ecology on the University of Kansas Fitch Natural History Reservation.**

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

Noon to 1:15 Lunch at the restaurant of your choice

Scientific Paper Session 3

Room 102, Yates Hall, PSU

Moderator: Eva Horne, Kansas State University, Manhattan.

1:15 Travis W. Taggart, Sternberg Museum of Natural History, Fort Hays State University, Hays.
Topic: The Kansas Herpetofaunal Atlas: A Summary.

1:35 Rafe Brown, University of Kansas, Lawrence.
Topic: Acoustic Adaptation to the Environment by Asian Forest Frogs.

1:55 Joseph R. Milanovich and Stanley E. Trauth, Arkansas State University, State University and David A. Saugey, United States Forest Service, Jessierville, Arkansas.
Topic: Reproductive Ecology of the Western Slimy Salamander (*Plethodon albagula*): Use of an Abandoned Mine Shaft.

2:15 David McLeod, University of Kansas, Lawrence.
Topic: Herpetofaunal Diversity and Ecology in Thailand.

2:35 Lisa K. Irwin, U.S. Fish and Wildlife Service, Conway, Arkansas and Susan Walls, U.S. Geological Survey, Lafayette, Louisiana.

Topic: Amphibian Disease Monitoring in the Lower Mississippi Valley.

2:55 Break

Scientific Paper Session 4

Room 102, Yates Hall, PSU

Moderator: Travis W. Taggart, Sternberg Museum of Natural History, Fort Hays State University, Hays.

3:15 Kiyoshi Sasaki, Oklahoma State University, Stillwater.

Topic: Influences of an Indigenous Belief System on Snakes: Endangered 'Divine' and 'Biological' Snakes.

3:35 Bruce Young and Virginia Barnes, Washburn University, Topeka.

Topic: Do Snakes have Gaits?

3:55 KHS General Business Meeting, KHS President David Oldham presiding in Room 102, Yates Hall, PSU

- Introduction of current KHS officers by David Oldham
- KHS Treasurer's Report for 2005 by Eric Kessler
- KHS Secretary's Report for 2005 by Mary Kate Baldwin
- KHS Editor's Report for 2005 by Travis W. Taggart
- KHS Historian's Report for 2005 by Suzanne L. Collins
- Report on Plans for the 33rd Annual KHS Meeting at Fort Hays State University, Hays, Kansas, in 2006 by KHS President-Elect Curtis J. Schmidt (Sternberg Museum of Natural History, Fort Hays State University, Hays, Kansas).
- Election of KHS Officers for 2006. The 2005 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

Curtis J. Schmidt, Fort Hays State University, Hays, Kansas
Serving as president-elect during 2005, and automatically assumes the KHS presidency on 1 January 2006.

For President-Elect
Kathy Ellis, Wakarusa, Kansas.
Ginny Weatherman, Lawrence, 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 2005 by Daniel D. Fogell (KHS Awards Committee).
- Presentation of the Alan H. Kamb Grant for Research on Kansas Snakes for 2005 by Daniel D. Fogell (KHS Awards Committee).

5:00 to 6:30 Adjourn for dinner at the restaurant of your choice.

6:30 KHS Auction and Social at the Lincoln Center

710 West 9th Street. A map to Lincoln Center is included in your welcome packet.

At approximately 6:45, the presentation of The Suzanne L. and Joseph T. Collins Award for Excellence in Kansas Herpetology for 2005 by David Oldham will take place. The recipient of The Collins Award receives a commemorative certificate and a check for \$1000.00.

At approximately 7:00, the KHS Auction will be conducted at the Lincoln Center 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, 6 November 2005

Scientific Paper Session 5

Room 102, Yates Hall, PSU

Moderator: Derek Schmidt, Washburn University, Topeka.

8:30 Registration for participants that did not register on Saturday: Mary Kate Baldwin (KHS Secretary) and Eric Kessler (KHS Treasurer) in Yates Hall, Pittsburg State University, Pittsburg, Kansas. Free coffee and donuts will be available.

9:00 to 11:00 Live Exhibits in Rooms 319 and 329 of Heckert-Wells Hall.

9:00 Charles Linkem and Rafe Brown, University of Kansas, Lawrence, Arvin Diesmos, National Museum of the Philippines, Djoko Iskandar, Bandung Institute of Technology, Indonesia, Chris Austin, Louisiana State University, Baton Rouge, and Jim McGuire, University of California, Berkeley.

Topic: The Phylogeny of Southeastern Asian Emerald Green Tree Skinks, Genus *Lamprolepis*.

9:20 Craig Hassapakis, Amphibian and Reptile Conservation, Modesto, California and Joseph T. Collins, The Center for North American Herpetology, Lawrence.

Topic: The Future of Scientific Publishing in Herpetology.

9:40 Cameron Siler, University of Kansas, Lawrence, Angel Alcala, Silliman University, and Rafe Brown, University of Kansas, Lawrence.

Topic: Evolutionary Relationships of a Philippine Frog Radiation: Phylogeny of the Genus *Kaloula*.

10:00 Dustin Wilgers and Eva A. Horne, Kansas State University, Manhattan.

Topic: Spatial Variation in Predation Attempts on Snakes in a Fire-disturbed Tallgrass Prairie.**

10:20 Break

Scientific Paper Session 6

Room 102, Yates Hall, PSU

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

10:35 Juan Manuel Guayasamin, University of Kansas, Lawrence.

Topic: Preliminary Analyses of Relationships of Glass Frogs (Centrolenidae) based on Morphology and DNA.

10:55 Joseph T. Collins, Kansas Biological Survey and Suzanne L. Collins, The Center for North American Herpetology, Lawrence.

Topic: The Amphibians, Turtles and Reptiles of Custer State Park, South Dakota.

11:15 Kyle Hesed, University of Kansas, Lawrence.

Topic: Ecology of a Thai Pit Viper.

11:35 Robert Powell, Avila University, Kansas City, Missouri.

Topic: Herpetology of the Dutch Windward Islands: Political Proximity and Biogeographic Discrepancies.

11:55 to 1:15 Lunch at the restaurant of your choice

Scientific Paper Session 7

Room 102, Yates Hall, PSU

Moderator: Bruce Young, Washburn University, Topeka.

1:15 Dustin J. Wilgers, Eva A. Horne, Brett K. Sandercock and Allan W. Volkmann, Kansas State University, Manhattan.

Topic: Effects of Land Management Practices on the Community Dynamics of Tallgrass Prairie Herpetofauna.**

1:35 Bruce A. Eichhorst and Christie Coleman, University of Nebraska, Kearney.

Topic: Herpetofaunal Species Composition and Relative Abundance Between Riparian Woodland and Clear-Cut Areas at Jeffrey Island Habitat Area, Dawson County, Nebraska.

1:55 Dwight R. Platt, Bethel College, North Newton, Kansas.
Topic: A Study of Ornate Box Turtles (*Terrapene ornata*) on a Sand Prairie in Southcentral Kansas.**

2:15 Curtis J. Schmidt and Travis W. Taggart, Sternberg Museum of Natural History, Fort Hays State University.
Topic: Status of the Fowler's Toad (*Bufo fowleri*) in Kansas.

2:35 Tracy Patten, Daniel D. Fogell and James D. Fawcett, University of Nebraska, Omaha.
Topic: Habitat Use and Seasonal Activity of the Massasauga (*Sistrurus catenatus*) in Nebraska.

Scientific Paper Session 8

Room 102, Yates Hall, PSU

Moderator: Robin Oldham, Oswego, Kansas.

3:15 Daniel D. Fogell, University of Nebraska, Omaha.
Topic: A Herpetofaunal Inventory of the Missouri National Recreational River.

3:35 Jeremy S. Lane and Richard T. Kazmaier, West Texas A&M University, Canyon, Texas.
Topic: Assessing Daily Movement in Texas Horned Lizards.

3:55 Bryan Maher, Emporia State University, Emporia, Kansas.
Topic: Snake Community Structure on Native Prairie Patches as a Function of Specific Regional Habitat Variables.**

4:15 Michael Rochford, Fort Hays State University, Hays, Kansas.
Topic: Herpetofaunal Observations in Southern California.

4:35 Sarah R. McCoy, Pittsburg State University, Pittsburg, Kansas.
Topic: Distribution and Habitat Preference of the Herpetofauna of the Marais des Cygnes National Wildlife Refuge.**

32nd Annual Meeting Committee

David Oldham, chair

Sarah McCoy, co-chair

Dr. Jim Triplet, department head of biology

Acknowledgments for this year's annual meeting:

The Department of Biology, PSU

The Department of Graphics and Imaging Technologies, PSU

Ray Bachura and Angela Bonner, screen printing experts extraordinaire

Joseph Collins, coordinator of presentations and editor of this program

The KHS executive council - experience pays

Robin, Jackson and Tag Oldham - support team

Notes:

The Suzanne L. and Joseph T. Collins Award for Excellence in Kansas Herpetology will be given at this KHS 32nd Annual Meeting to the KHS member judged to have taken the best photograph of a native species of the Kansas herpetofauna. The KHS Awards Committee will select the recipient from photographic prints on display in Room 218, Heckert-Wells Hall, Pittsburg State University, from 10:00 am to 2:00 pm on Saturday, 11/5, at the KHS meeting.

** indicates a presentation that is a candidate for The Collins Award in 2006.



Have a safe trip home.

See you in November 2006 in Hays, Kansas, for the 33rd Annual KHS Meeting.



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