

KANSAS HERPETOLOGICAL SOCIETY



*38th Annual Meeting Program
5-6 November 2011
Great Plains Nature Center, Wichita, Kansas*



Sponsors

Zoo Book Sales • JTC Enterprises • CNAH

Saturday, 5 November 2011

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 the new addition to our state fauna, the Smooth Green Snake, will be available for purchase for \$15.00 each. Free coffee, bottled water, sodas, and donuts.

9:00 am to 4:00 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.

KHS Auction. The annual KHS auction will be held on Saturday night (5 November) at 6:30 pm in the Education Center auditorium at the Sedgwick County Zoo. All proceeds from the auction go to the KHS. Beer, soft drinks, and snacks will be free.

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

Moderator: George R. Pisani, Kansas Biological Survey, Lawrence & KHS Distinguished Life Member

9:00 am Greetings by Derek Schmidt (KHS President)

9:05 am Welcome by Bob Gress, Director, Great Plains Nature Center

9:15 am KEYNOTE SPEAKER: Richard Kazmaier, West Texas A&M University, Canyon, Texas. Topic: *The Ecology of Sympatric Western Indigo Snakes and Western Diamondback Rattlesnakes in Southern Texas*

9:45 am Speaker: J. Daren Riedle, Lincoln University, Jefferson City, Missouri, Philip C. Rosen, University of Arizona, Tucson, Richard T. Kazmaier, West Texas A&M University, Canyon, Peter Holm, Organ Pipe Cactus National Monument, Ajo, Arizona, & Cristina Jones, Arizona Game and Fish Department, Glendale. Topic: *Conservation Status of the Sonoyta Mud Turtle at Organ Pipe Cactus National Monument, Arizona*

10:00 am Speaker: Kyle O'Connell, University of Nebraska, Lincoln. Topic: *Prey Selection by the Northern Water Snake, Nerodia sipedon in Nebraska* ***

BREAK 10:15 am to 10:30 am

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

Moderator: Mindy Walker, Rockhurst University, Kansas City, Missouri

10:30 am Speaker: Pablo Delis, Shippensburg University, Shippensburg, Pennsylvania. Topic: *Female Reproductive Biology of the Eastern Box Turtle (Terrapene c. carolina) in Letterkenny Army Depot, Franklin County South Central Pennsylvania*

10:45 am Speaker: Bill Welch, Wichita North High School, Kansas. Topic: *Temperature Influences on Anuran Calling at the Great Plains Nature Center: An Analysis Using a Songmeter Digital Recorder and Bioacoustics Software* **

11:00 am Speaker: Dwight R. Platt, KHS Distinguished Life Member, Bethel College, North Newton, Kansas. Topic: *Some Morphological and Population Characteristics of the Prairie Lizard Sceloporus consobrinus in a Sand Prairie in Western Harvey County, Kansas* **

11:15 am Speaker: Curtis J. Schmidt, Sternberg Museum of Natural History, Fort Hays State University, Walter E. Meshaka, Jr., State Museum of Pennsylvania, Harrisburg, Katherine M. Talbott, Fort Hays State University & Stanley E. Trauth, Arkansas State University. Topic: *Reproductive Biology of the Eastern Collared Lizard (Crotaphytus collaris) at the Northern Limits of its Range* **

11:30 am KHS Group Photograph (Kansas Heritage Photography)

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

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

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

1:15 pm Speaker: Walter E. Meshaka, Jr., State Museum of Pennsylvania, Harrisburg. Topic: *The Exotic Herpetofauna of Florida: How Times Are Changing*

1:30 pm Speakers: Denise M. Thompson & Day B. Ligon, Missouri State University, Springfield. Topic: *Rocky Raccoon Must Die: Nest Predation Patterns in a Population of Reintroduced Alligator Snapping Turtles* ***

1:45 pm Speaker: David Jewell, Reptile Department, Stowers Institute for Medical Research, Kansas City, Missouri. Topic: *Animal Identification and Maintenance of a Large Whiptail Lizard Colony*

2:00 pm Speaker: Nick Hettrick, Blue Valley USD Center for Advanced Professional Studies, Overland Park, Kansas. Topic: *Update on the Eastern Newt, Notophthalmus viridescens, in Miami County, Kansas* ** ***

2:15 pm Speaker: Pablo Delis, Shippensburg University, Shippensburg, Pennsylvania. Topic: *The Hurricane Toad: Activity Patterns and Reproduction of the Eastern Spadefoot (Scaphiopus holbrookii) in West Central Florida*

2:30 pm Speaker: Jennifer M. Singleton, Jodie Hearlson & R. Brent Thomas, Emporia State University, Kansas. Topic: *Winter Thermal Profiles of Northern Painted Turtles (Chrysemys picta) in Eastern Kansas* ** ***

BREAK 2:45 pm to 3:00 pm

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

Moderator: Dan Carpenter, Derby, Kansas & Former KHS President

3:00 pm Speaker: Walter E. Meshaka, Jr., State Museum of Pennsylvania, Harrisburg, and Pablo Delis, Shippensburg University, Shippensburg, Pennsylvania. Topic: *Snake Assemblage Structures in the Letterkenny Army Depot in South-Central Pennsylvania*

3:15 pm Speaker: Eva A. Horne, Kansas State University, Manhattan. Topic: *I Can Kick Higher Than You: An Update on Blanchard's Cricket Frog Visual Displays* **

3:30 pm Speaker: David Bender, Kansas Department of Wildlife Parks and Tourism, Pratt. Topic: *Distribution Modeling and Direction of Herpetological Management, a State's Perspective*

3:45 pm Speaker: Matt Nordgren, Fort Hays State University, Kansas. Topic: *Preliminary Surveys of Two Sky Islands in the Madrean Archipelago of Sonora, Mexico*

4:00 pm Speaker: Stephanie Kelley, Sedgwick County Zoo, Wichita, Kansas. Topic: *Finding Frogs in Ecuador*

KHS General Business Meeting

4:15 pm KHS General Business Meeting, KHS President Derek Schmidt presiding

Introduction of KHS Officers & Dignitaries by Derek Schmidt

KHS Interim Treasurer's Report for 2011 by David Oldham

KHS Secretary's Report for 2011 by Eva A. Horne

KHS Editor's Report for 2011 by Curtis J. Schmidt

KHS Historian's Report for 2011 by Suzanne L. Collins

Report on Plans for the 39th Annual KHS Meeting in Hays, Kansas, on the first weekend in November 2012 by KHS President-Elect Travis W. Taggart (Sternberg Museum of Natural History, Hays)

Election of KHS Officers for 2011. The KHS Nominating Committee, composed of David Oldham (Pittsburg State University), Dan Carpenter (Derby, Kansas), and Joseph T. Collins (Kansas Biological Survey, University of Kansas, Lawrence), offers the following slate of candidates:

For President • Travis W. Taggart, Sternberg Museum of Natural History, Hays
President-elect during 2011; automatically assumes the KHS presidency on 1 January 2012

For President-Elect (unopposed) • Daniel Murrow, Hutchinson, Kansas
For Treasurer (unopposed) • David Oldham, Pittsburg State University, Pittsburg, Kansas
For Secretary (unopposed) • Eva A. Horne, Kansas State University, Manhattan

Announcement of the results of the KHS election by the KHS President

KHS Awards Ceremony

Moderator: Joseph T. Collins, Kansas Biological Survey, University of Kansas

Presentation of the *Henry S. Fitch-Dwight R. Platt Award for Field Herpetology* for 2011. The recipient receives a commemorative certificate and a check for \$200.00.

Presentation of the *Howard Kay Gloyd-Edward Harrison Taylor Scholarship* for 2011. The recipient receives a commemorative certificate and a check for \$300.00.

Presentation of the *Alan H. Kamb Grant for Research on Kansas Snakes* for 2011. The recipient receives a commemorative certificate and a check for \$300.00.

Presentation of *The Suzanne L. & Joseph T. Collins Award for Excellence in Kansas Herpetology* for 2011. The recipient of The Collins Award receives a commemorative certificate and a check for \$1000.00.

Presentation of *The Bronze Salamander Award for Distinguished Service to the Kansas Herpetological Society*.

KHS Business Meeting adjourns around 5:00 pm. Dinner at the restaurant of your choice. Then make your way to the Education Center auditorium at the Sedgwick County Zoo no later than 6:30 pm; that's where free beer, soft drinks, and snacks are located.

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

Saturday Evening, 6 November 2010

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 & 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, 7 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 Great Plains Nature Center. KHS Annual Meeting T-Shirts featuring the new addition to our state fauna, the Smooth Green Snake, will be available for purchase for \$15.00 each. Free coffee, bottled water, sodas, and donuts.

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

Moderator: Dan Fogell, Southeast Community College, Lincoln, Nebraska

9:00 am Speaker: WNHS Students, Wichita North High School, Kansas. Topic: *Preliminary Turtle Survey of the Great Plains Nature Center* ** **

9:15 am Speaker: Travis Anthony, Missouri State University, Springfield. Topic: *Freshwater Turtle Community Composition in Three Rivers in Northeastern Oklahoma* **

9:30 am Speaker: Katherine M. Talbott, Department of Biological Science, Fort Hays State University, Hays, Kansas. Topic: *Sexual Selection Dynamics in a High Plains Population of Crotaphytus collaris* ** ***

9:45 am Speaker: Todd Pierson, University of Georgia, Athens. Topic: *Urspelerpes brucei: Discovery, Natural History, and a Warning for Amphibian Conservation* ***

10:00 am Speaker: William Humbert & Pablo R. Delis, Shippensburg University, Shippensburg, Pennsylvania, and Walter E. Meshaka, Jr., State Museum of Pennsylvania, Harrisburg. Topic: *Ecology of the American Toad (Anaxyrus americanus) in a Northern Allegheny Forest in Pennsylvania* ***

BREAK 10:15 am

Scientific Paper Session 6 in the auditorium of the Great Plains Nature Center

Moderator: Dan Johnson, Overland Park, Kansas & Former KHS President

10:30 am Speaker: Jess Magana, Emporia State University, Kansas. Topic: *Metabolic Response of Anolis carolinensis to Visual Contact with Predator and Prey* ***

10:45 am Speaker: Drew E. Dittmer, Texas A&M University, College Station. Topic: *Variations in Sexual Size Dimorphism in the Sceloporus undulatus complex* ***

11:00 am Speaker: Charles R. Tucker, Missouri State University, Springfield. Topic: *Can Automated Telemetry Quantify Ornate Box Turtle (Terrapene ornata) Activity and Nesting Patterns?* ***

11:15 am Speaker: Troy Wieberg & J. Daren Riedle, Lincoln University, Jefferson City, Missouri. Topic: *Establishment of Long-term Herpetological Research on an Urban Green Area, Jefferson City, Missouri* ***

11:30 am Speaker: Daniel J. Martin, Colorado State University, Lamar. Topic: *What about Neonates? Using Natural Marks to Track Individuals for Mark-recapture Studies* ***

11:45 am Speaker: Chris Dexter, Mindy L. Walker & Mairead Greene, Rockhurst University, Kansas City, Missouri & George R. Pisani, Kansas Biological Survey, Lawrence. Topic: *Character Variation in the Colubrid Snake Genus Virginia, and Implications for Taxonomy of the Group* ** ***

Noon: Presentation of the fourth annual *George Toland Award* by KHS President Derek Schmidt. 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 2011 in Hays, Kansas, for the 39th Annual KHS Meeting.

38th Annual Meeting Committee

Derek Schmidt (Chairperson)

Dan Carpenter, Suzanne L. Collins, Joseph T. Collins, Travis W. Taggart

Notes: The Suzanne L. & Joseph T. Collins Award for Excellence in Kansas Herpetology will be given at this KHS 38th 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, 5 November 2011, 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.

*** after a title indicates it is a candidate for The Collins Award in 2012.*

**** after a title indicates it is a candidate for The Toland Award, to be presented on Sunday (6 November 2011) at the close of the meeting.*