

# Kansas Herpetological Society

## Silver Anniversary Meeting

### *Program*

5–8 NOVEMBER 1998



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## Program

### Kansas Herpetological Society Silver Anniversary Meeting 5–8 November 1998

Honorary Chairpersons of the Meeting &  
Distinguished Life Members of the  
Kansas Herpetological Society

Robert F. Clarke  
*Emporia State University*

Henry S. Fitch  
*The University of Kansas*

Dwight R. Platt  
*Bethel College*

Hobart M. Smith  
*The University of Colorado*

Theme

### Great Plains Herpetology

With the exception of the KHS Evening Social on Thursday, the entire program for the KHS Silver Anniversary Meeting will be held in the Lawrence Holidome. The KHS obtained a special room rate of \$67.00 per night (1 to 4 persons per room), making it quite inexpensive for four participants to attend and stay in the same room. Lodging arrangements were not included on your registration form; please contact the Lawrence Holidome at the front desk if you need lodging.

### Thursday, 5 November 1998

KHS Executive Council Meeting (place & time TBA)

*Contemporary Herpetology* Editorial Board Meeting will take place at 4:00 pm at the Collins Residence, 1502 Medinah Circle, Lawrence.

6:30–7:30 pm. Registration: Karen Toepfer (KHS Treasurer) at Union Pacific Depot, 402 North 2nd Street, Lawrence.

7:00 to 10:00 pm. Evening Social at Union Pacific Depot. Refreshments, Snacks, Music & Announcements. Greetings from KHS President John Lokke.

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## Friday, 6 November 1998

8:00 am. Registration: Karen Toepfer (KHS Treasurer) Lawrence Holidome, 200 McDonald Drive. Note: A limited edition of the KHS Silver Anniversary T-Shirt, designed and produced by Errol D. Hooper, Jr., will be available for sale at the registration desk.

### Scientific Paper Session 1 at Lawrence Holidome

Moderator: Nancy Schwarting (Animal Care Unit, University of Kansas)

Projectionist: Debbie Baker (KU Natural History Museum)

8:30 am. Keynote Speaker: Andrew Holycross (Arizona State University). Topic: Prescribed Fire and Ridgenose Rattlesnakes: Ecosystem Restoration and Endangered Species.

9:00 am. John Lokke (University of Nebraska at Omaha). An Artist/Naturalist's Search for the Timber Rattlesnake on the Missouri River in Southeastern Nebraska.

9:20 am. Chris Sheil (Natural History Museum, University of Kansas). Phylogenetics and Biogeography of the Snakes of the Tribe Nothopsinae (Colubridae).

9:40 am. Nicole Gerlanc (Kansas State University). Ephemeral Aquatic Habitats in Tallgrass Prairie: Abiotic Changes over Time and their Effects on Developmental Rates of Western Chorus Frogs. CC

### Break 10:00 am

10:20 am. Dwight R. Platt (Bethel College, North Newton, Kansas). Population Trends in the Assemblage of Snakes on Sand Prairies in Western Harvey County, Kansas, Over a Forty Year Period. CC

10:40 am. J. Daren Riedle & Paul A. Shipman (Oklahoma State University, Stillwater). Aquatic Turtle Communities in Eastern Oklahoma with Notes on the Demographics and Status of the Alligator Snapping Turtle (*Macrochelys temminckii*).

11:00 am. Joseph Slowinski (California Academy of Sciences, San Francisco). Preliminary Surveys of the Burmese Herpetofauna.

### Lunch: 11:30 am to 1:30 pm

### Scientific Paper Session 2 at Lawrence Holidome

Moderator: David R. Edds (Emporia State University)

Projectionist: Elizabeth Ganser (Topeka)

1:30 pm. Keynote Speaker: David Chiszar (University of Colorado). Topic: Perspectives of Cultural Anthropology: Beliefs, Artifacts and Herpetological Money.

2:00 pm. Calvin Cink (Baker University, Baldwin). Snakes of the Baker Wetlands, Douglas County, Kansas.CC

2:20 pm. David L. Hardy, Sr. (Tucson, Arizona). Predators of Silent Beauty: The Blacktail Rattlesnakes of the Chiricahua Mountains.

2:40 pm. David Saunders & Katrina Brown (Emporia State University). Hematological Changes in Hibernating Common Musk Turtles (*Sternotherus odoratus*).

Break 3:00 pm

3:20 pm KHS General Business Meeting

KHS President John Lokke presiding

Introduction of current KHS officers

Introduction of all former Presidents of the KHS

Report on Plans for the 26th Annual KHS Meeting at Pratt in 1999 by KHS President-Elect Chris Mammoliti (Kansas Department of Wildlife & Parks)

Election of KHS Officers for 1999. The 1998 KHS Nominating Committee, composed of Suzanne L. Collins (chairperson), Al Kamb, and Eric M. Rundquist, have put forth the following candidates:

For President

Chris Mammoliti (Kansas Department of Wildlife & Parks, Pratt) served as KHS president-elect during 1998, and automatically assumes the KHS presidency for 1999.

For President-Elect

Robert Powell (Avila College, Kansas City, Missouri)  
Travis W. Taggart (KU Medical Center, Kansas City, Kansas)

For Treasurer (unopposed): Karen Toepfer (Hays, Kansas)

For Secretary (unopposed): Daren Riedle (Stillwater, Oklahoma)

Presentation of the *Howard Kay Gloyd-Edward Harrison Taylor Scholarship* by John Lokke (KHS President)

Presentation of two *KHS Bronze Salamander Awards* by Joseph T. Collins (The Center for North American Amphibians and Reptiles)

Evening Program

7:00 - 11:00 pm. Refreshments, Snacks, Music & Announcements.

Larry L. Miller (Kansas Heritage Photography, Wakarusa). A History of the Kansas Herpetological Society With Color Slides: A Candid Look at the KHS Rite of Passage.

Olin Karch (Lawrence, Kansas). A History of the Kansas Herpetological Society With Video Tape: A Candid Look at the KHS Rite of Passage in Motion.

Martin B. Capron (Oxford, Kansas) & John Lokke (Omaha, Nebraska). Featured artists at the KHS Silver Anniversary Meeting, Marty and John will display their renowned images to the assembled participants throughout the evening. Participants are encouraged to purchase those renderings that captivate them.

Eric Thiss & John P. Levell (The Serpent's Tale & ZooBooks, Minnesota). Featured booksellers at the KHS Silver Anniversary Meeting, Eric and John will display their incredibly diverse selection of books throughout the evening.

The University Press of Kansas (Lawrence, Kansas) will display for sale a wide array of books and field guides on Kansas wildlife throughout the evening.

Keith Coleman (Lawrence, Kansas) will be on hand to display for sale and autograph his cassette, *The Calls of Kansas Frogs and Toads*.

Saturday, 7 November 1998

8:00 am. Registration: Karen Toepfer (KHS Treasurer) Lawrence Holidome, 200 McDonald Drive. Note: A limited edition of the KHS Silver Anniversary T-Shirt, designed and produced by Errol D. Hooper, Jr., will be available for sale at the registration desk.

Scientific Paper Session 3 at Lawrence Holidome

Moderator: Karen Graham (Sedgwick County Zoo)

Projectionist: Amy Wethington (Washburn University)

8:30 am. Keynote Speaker: Aaron M. Bauer (Villanova University). Topic: The Reptiles of New Caledonia: Evolution of an Highly Endemic Herpetofauna.

9:00 am. Travis W. Taggart (University of Kansas Medical Center, Kansas City). Palm Pitviper (*Bothriechis*) Phylogeny and the Phylogenetic Utility of MtDNA.

9:20 am. Emily Moriarty (Saint Mary's College, Notre Dame, Indiana). A Morphometric and Molecular Comparison of *Pseudacris triseriata* and *Pseudacris maculata* from Sympatric Populations in Douglas County, Kansas.CC

9:40 am. Kelly J. Irwin (University of Georgia, Athens). Herpetofaunal Community Response to Timber Harvest Practices in an East Texas Bottomland Hardwood Forest.

Break 10:00 am

10:20 am. Lisa K. Irwin (University of Georgia, Athens). Reproductive Ecology of *Pseudemys concinna* in Southwestern Missouri.

10:40 am. Amy L. Sproston (Natural History Museum, University of Kansas). Ultrastructure of Gymnophione Scales and Their Utility as Phylogenetic Characters.

11:00 am. KHS Group Photograph taken by Larry L. Miller (Kansas Heritage Photography, Wakarusa).

Lunch: 11:30 am to 1:30 pm

The Center for North American Amphibians and Reptiles  
Annual Board of Directors Meeting  
will take place over lunch in the Holidome.

Scientific Paper Session 4 at Lawrence Holidome

Moderator: George R. Pisani (University of Kansas)

Projectionist: Angela Bulger (Emporia State University)



1:30 pm. Keynote Speaker: Richard A. Seigel (Southeastern Louisiana University, Hammond). Topic: Effects of Floods on Massasaugas (*Sistrurus catenatus*) and Other Snakes.

2:00 pm. William Busby (Kansas Biological Survey, Lawrence). The Crawfish Frog (*Rana areolata*) in Kansas. CC

2:20 pm. Eric M. Rundquist (Animal Care Unit, University of Kansas). A Walk in Beauty: Observations of a Kansas Herpetologist. CC

2:40 pm. Walter Meshaka (Everglades National Park, Florida). Exotic Herpetofauna on the Florida Landscape.

#### Break 3:00 pm

3:20 pm. Randy Reiserer (University of California, Berkeley). A Rapid Evolutionary Change in the Stimulus Control of Caudal Luring in the Massasauga.

3:40 pm. Jennifer B. Pramuk (Natural History Museum, University of Kansas). A Preliminary Phylogenetic Analysis of the Native West Indian Toads (Anura: Bufonidae).

4:00 pm. Robert Powell (Avila College, Kansas City, Missouri). Herpetology of Navassa Island.

4:20 pm. Jeffrey R. Parmelee (Natural History Museum, University of Kansas). Feeding Ecology of Kansas Anurans: Our State of Knowledge and Some Predictions. CC

#### Evening Program

5:30 pm. KHS Banquet at Lawrence Holidome

Introduction of KHS Distinguished Life Members:

Robert F. Clarke

(introduced by Stanley D. Roth, Jr.)

Henry S. Fitch

(introduced by John E. Simmons)

Dwight R. Platt

(introduced by Robert Powell)

Hobart M. Smith

(introduced by Eric M. Rundquist)

Approx 6:15 pm. Presentation of *The Suzanne L. & Joseph T. Collins Award for Excellence in Kansas Herpetology* by James L. Knight (South Carolina State Museum). The recipient of *The Collins Award* receives a commemorative plaque and a check for \$1000.00.

Approx 6:45 pm. Keynote Speaker: David Grow (Oklahoma City Zoo).

Approx 7:30 pm. KHS Auction conducted by Joseph T. Collins, KHS Treasurer Karen Toepfer (Hays), Suzanne L. Collins (KU School of Education), Ann Rundquist (Lawrence), Carolyn Moriarty (Lawrence), Matt Combes (Emporia State University), Travis W. Taggart (KU Medical Center), and Emily Moriarty (St. Marys College, Indiana) assisting. This will be the most extraordinary auction in KHS history, featuring many priceless books and other items (of questionable value). The KHS takes cash, credit cards, and checks. Be sure and get a bidding number from Karen Toepfer before the auction commences. Bid vigorously, and support the KHS.

Sunday, 8 November 1998

Scientific Paper Session 5 at Lawrence Holidome

Moderator: William Busby (Kansas Biological Survey)

Projectionist: Marc Linton (Logan Junior High School, Topeka)

8:30 am. Keynote Speaker: Christopher J. Raxworthy (KU Natural History Museum).  
Topic: Great Plains and Pains: Herpetology of Madagascar.

9:00 am. Allan Volkmann (Wichita, Kansas). A Flint Hills Herpetological Survey in  
Cowley County, Kansas, Assessing a Decade (1989 to 1998).CC

9:20 am. Tom R. Johnson (Missouri Department of Conservation, Jefferson City). Rare  
and Endangered Amphibians and Reptiles in Missouri.

9:40 am. Corey L. Fincher & David Duvall (Oklahoma State University). Intense  
Hunting by Humans may Reduce Rattling in Rattlesnakes.

Break 10:00 am

10:20 am Lani Buress & Lynnette Sievert (Emporia State University). The Effect of  
Feeding on Thermoregulation in Woodhouse's Toad (*Bufo woodhousii*).CC

10:40 am Larry L. Miller (Topeka Collegiate School). The European Lizards of Topeka.

11:00 am David S. McLeod (University of Nebraska, Lincoln). Preliminary Results in a  
Resurvey of Nebraska Amphibians After Twenty Years: A Test for Decline.

11:20 am Anne Maglia (KU Natural History Museum). Pelobatoid Frogs of Past and  
Present: Natural History, Morphology, and Relationships.

Post-meeting Reception at 3:00 pm at the residence of  
Suzanne & Joe Collins  
1502 Medinah Circle  
Lawrence, Kansas 66047

Silver Anniversary Meeting Committee:

Suzanne L. Collins, Ann Rundquist, Eric M. Rundquist, and Joseph T. Collins

Joseph T. Collins will serve as Master of Ceremonies for the meeting

Note: CC means the presentation is eligible (provided the presenter is a KHS member)  
for *The Suzanne L. & Joseph T. Collins Award for Excellence in Kansas Herpetology*, to  
be given for a scientific presentation (written or oral) of merit at the KHS Annual  
Meeting in 2000. In 1999, The Collins Award will be given at the KHS 26th Annual

Meeting in Pratt to the KHS member judged to have taken the best photograph of an amphibian and/or reptile native to Kansas.

The following foundations, agencies and corporations  
gave generous assistance to the

Kansas Herpetological Society

in order to support its

## Silver Anniversary Meeting

Doug Bower  
Baco Corporation  
Wichita, Kansas

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Kansas Department of Wildlife & Parks  
Pratt, Kansas

Lawrence Holidome

The Center For North American Amphibians and Reptiles  
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