

# KANSAS HERPETOLOGICAL SOCIETY



## NEWSLETTER No. 122



DECEMBER 2000

### ANNOUNCEMENTS

#### REPORT ON THE KANSAS HERPETOLOGICAL SOCIETY 27th ANNUAL MEETING

The *Kansas Herpetological Society* held its 27th Annual Meeting at the Adam's Mark Hotel in Kansas City, Missouri, on 21-22 October 2000. The meeting was co-hosted by the *Missouri Herpetological Association* and the *Kansas City Herpetological Society*. Over 125 participants (Fig. 1) attended scientific paper sessions to listen to 34 talks on amphibians, turtles, and reptiles by scientists and students from across the nation.

During its business meeting, the KHS voted Suzanne L.

Collins (The Center for North American Amphibians and Reptiles, Lawrence) as president-elect, Eric Kessler (Blue Valley North High School) as treasurer, and Mary Kate Baldwin (Topeka Collegiate School) as secretary. Mark Ellis (Topeka) currently is president-elect and takes office as president on 1 January 2001. Robert Powell (Avila College, Kansas City, Missouri) served as president during 2000, and hosted the meeting this year (Fig. 2).

After informative discussion, the assembled KHS mem-



Figure 1. Group photograph of participants at the Kansas Herpetological Society 27th Annual Meeting held in 21-22 October 2000 at the Adam's Mark Hotel in Kansas City, Missouri. Photograph by Larry L. Miller.

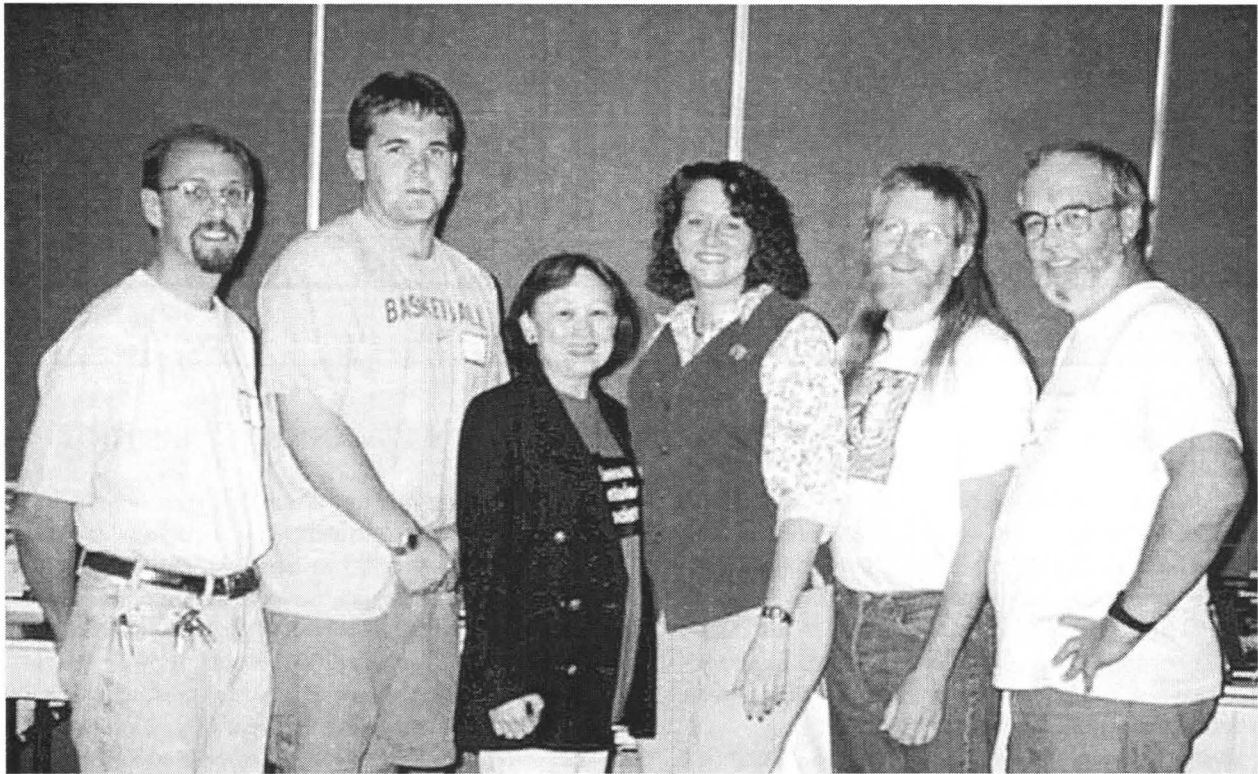


Figure 2. The Executive Council of the Kansas Herpetological Society taking office in 2001. From left: Eric Kessler (KHS Treasurer), Travis W. Taggart (KHS Editor), Suzanne L. Collins (KHS President-elect), Mary Kate Baldwin (KHS Secretary), Mark Ellis (KHS President), and Robert Powell (KHS Past President). Both photographs on this page by Larry L. Miller.

bership voted to adopt proposed amendments to the KHS Constitution that re-defined the duties of the KHS *Secretary* and the KHS *Treasurer*, and created the position of KHS *Historian* as a seventh member of the KHS Executive Council. These changes take effect on 1 January 2001.

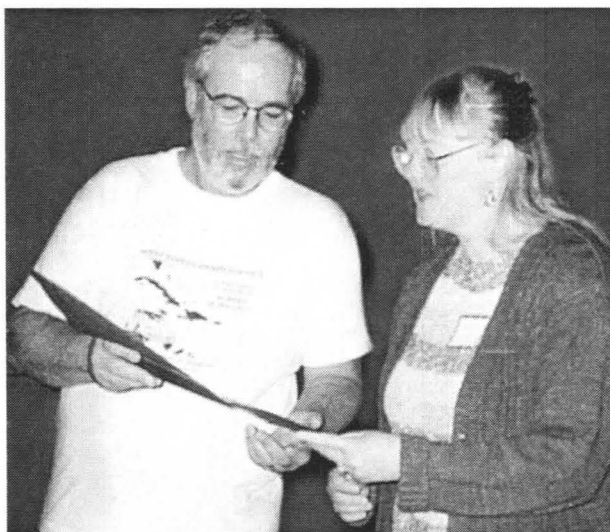


Figure 3. On behalf of Kevin Aldrich, Lynnette Sievert of Emporia State University accepts the *Howard K. Gloyd/Edward H. Taylor Scholarship* from KHS President Robert Powell.

Also during the Society business meeting, Powell announced (see Fig. 3) that Kevin Aldrich, a graduate student at Emporia State University, was this year's recipient of the *Howard K. Gloyd/Edward H. Taylor Scholarship*. The scholarship of \$100.00 honors the memory of two great herpetologists (and former KSH Distinguished Life Members) with strong ties to Kansas. Gloyd was born in Ottawa and attended both Kansas State University and the University of Kansas, and Taylor graduated from Garnett High School and was a biology faculty member for many decades at the University of Kansas, Lawrence.

The business meeting concluded after Kelly J. Irwin, former KHS president from Topeka and now the state herpetologist of Arkansas, presented Eric M. Rundquist, University of Kansas Animal Care Unit, with the *Bronze Salamander Award*, the highest recognition given by the Society for distinguished service (Fig. 4). Rundquist, a former KHS president, served as KHS editor for the past decade and was one of the founding members of the Society.

Saturday night banquet speaker Lee Grismer (La Sierra University, Riverside, California) opened the evening activities by delighting a crowd of over 75 participants with an informative and humorous talk on the herpetofauna of Baja California and China.



Figure 4. Eric M. Rundquist, one of the founding members of the Kansas Herpetological Society, a former KHS President, and longtime KHS Editor, receives *The Bronze Salamander Award* from Kelly J. Irwin, former KHS President and now State Herpetologist of Arkansas. Photograph by Larry L. Miller.

This was followed by the presentation to Tom R. Johnson of the Missouri Herpetological Association's *Distinguished Career Award*, given by Robert Wilkinson, representing the MHA (Fig. 5). Tom Johnson recently retired as the Missouri State Herpetologist after a long and productive career, and his award was met with great enthusiastic applause by the assembled herpetologists.

Prior to the start of the Saturday night KHS auction, Emily C. Moriarty, a graduate student at the University of Texas, Austin (Fig. 6), was chosen as the third recipient of *The Suzanne L. and Joseph T. Collins Award for Excellence in Kansas Herpetology*. Moriarty is a former Lawrence,

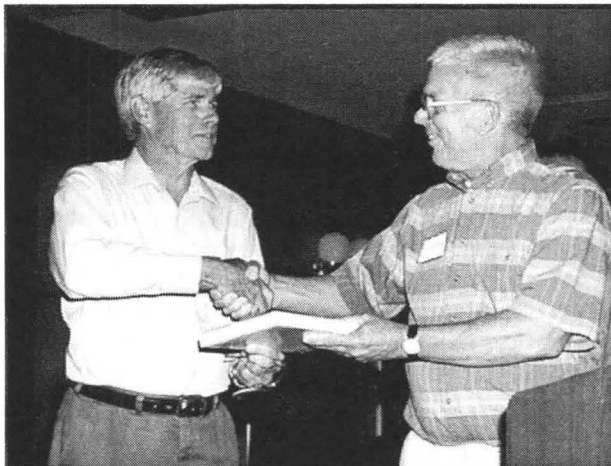


Figure 5. Tom R. Johnson recently retired as the State Herpetologist of Missouri. Here he receives the Missouri Herpetological Association's *Distinguished Career Award* from MHA representative Robert Wilkinson. Photograph by Larry L. Miller.

Kansas, resident, and recently graduated with honors from St. Mary's College in Notre Dame, Indiana. At the KHS Silver Anniversary Meeting in 1998, she presented a lecture on the molecular systematics of Western Chorus Frogs in Kansas, and her presentation was judged by the society as the best research on the Kansas herpetofauna during the preceding two years (1998 and 1999). For her work, Ms. Moriarty was given a plaque and a check for \$1,000.00 by Robert Powell and Travis W. Taggart, Fort Hays State University. *The Collins Award* is the largest biological award given annually in the state of Kansas, and the largest annual presentation made nationally for further research on (even-numbered years) or photography of (odd-numbered years) amphibians, turtles, and reptiles. Judges for the ten presentations eligible for *The Collins Award* in 2002 David Edds (Emporia State University), Travis W. Taggart (Fort Hays State University), and Gregory Sievert (Emporia State University).



Figure 6. Emily C. Moriarty, a doctoral student at The University of Texas, Austin, receives *The Suzanne L. & Joseph T. Collins Award for Excellence in Kansas Herpetology* from Travis W. Taggart, KHS Editor and Board Member of *The Center for North American Amphibians and Reptiles*. Photograph by Larry L. Miller.

The Saturday evening KHS auction (Figs. 7–8) netted about \$850.00 for the Society treasury, spurred in part by excellent offerings of artwork by Tom R. Johnson and Marty Capron, but also by the excited Nebraskan with the lovely red tresses who kept the assembled participants on edge, not knowing what she would bid on next (or why).

Following the first Sunday morning scientific paper session, two other KHS meeting attendees were recognized as the second annual recipients of *The Big Croaker Awards*, sponsored by the Kansas Department of Wildlife



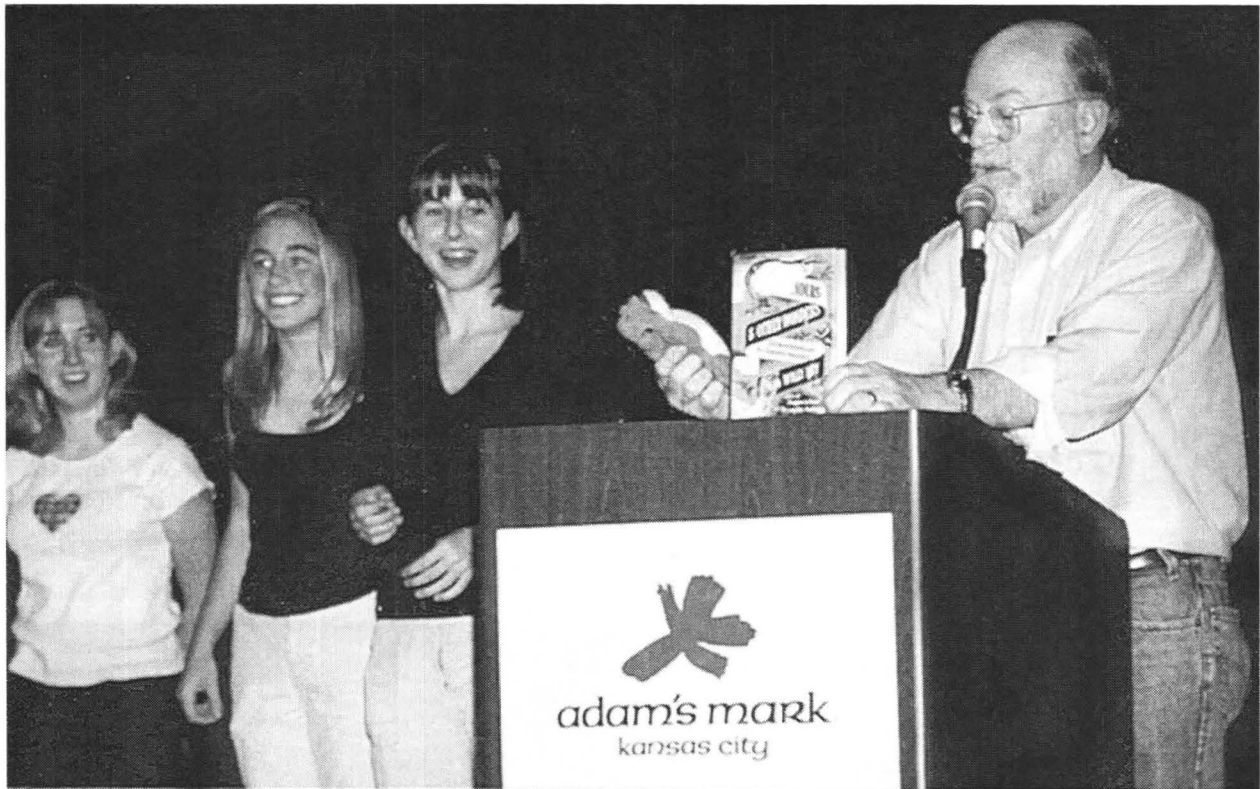


Figure 7. The traditional KHS auction, conducted on Saturday night by Joseph T. Collins, netted a goodly sum for the KHS coffers. Joe was skillfully assisted by (from the left) Natalie Penn, Emily Heronemus, and Sarah Bellows-Blakely, all students at the Topeka Collegiate School. Photograph by Larry L. Miller.



Figure 8. The bidding at the KHS auction was sometimes out of control, but always tastefully so. This excited participant bid first with the left hand, then raised her own bid with the right. The KHS raises funds in many ways. Photograph by Larry L. Miller.

and Parks and the *Kansas Amphibian Monitoring Program*. Established in 1999, the awards are given to those individuals that monitored choruses of frogs and toads with diligence and excellence during the spring of 2000. Margaret Stewart, Manhattan, Kansas, and Keith Coleman, University of Kansas, Lawrence, were each given a commemorative certificate and a check for \$100.00 by Linda Weir, coordinator of the *North American Amphibian Monitoring Program*, Laurel, Maryland, and Ken Brunson, representing the Kansas Department of Wildlife and Parks. Each spring, about ninety KAMP volunteers census choruses of amphibians on over eighty 15-mile routes across Kansas, establishing baseline information that will eventually be used to determine whether amphibian populations are declining, increasing, or remaining stable.

Featured speakers at the two-day event were Robert Wilkinson (Southwest Missouri State University, Springfield, on Hellbenders), Henry S. Fitch (University of Kansas, Lawrence, on Copperheads), Walter Meshaka (State Museum of Pennsylvania, Harrisburg, on Knight Anoles), Ronald Goellner (St. Louis Zoo, on Zoo conservation), Robert W. Henderson (Milwaukee Public Museum, on Neotropical Boas), Dwight R. Platt (Bethel College, North Newton, Kansas, on Sand Prairie Snakes), Karen Graham (Sedgwick County Zoo, Wichita, on Zoo conservation), Robert Aldridge (Saint Louis University, on Pitvipers), and





Figure 9. Margaret Stewart of Manhattan, Kansas, was one of two recipients of *The Big Croaker Award* for 2000, sponsored by the Kansas Department of Wildlife and Parks, and presented here by Linda Weir of the *North American Amphibian Monitoring Program*. Photograph by Larry L. Miller.

Martin Simon (Benedictine College, Atchison, Kansas, on the Benedictine Bottoms herpetofauna).

Meeting Chairperson and KHS President Robert Powell deserves the strong thanks and appreciation of the entire KHS membership for putting together one of the society's more memorable meetings. And, special thanks go to his home institution, Avila College, for allowing him the intellectual freedom of movement so necessary for this type of endeavor to succeed. The KHS further thanks Richard Daniel, Travis Taggart, Mary Kate Baldwin, Larry L. Miller, and Carolyn Moriarty for supplying animals for the live exhibit. In particular, Richard Daniel did a terrific job of gathering specimens of little-seen beasts from the Missouri Ozarks and bootheel, and these were a hit with meeting participants and visitors. We would be remiss in not acknowledging the enormous help given us by David Nieves, Kansas City Herpetological Society. His expertise



Figure 10. Keith Coleman of Lawrence, Kansas, was the second of two recipients of *The Big Croaker Award* for 2000, sponsored by the *Kansas Department of Wildlife and Parks*. Here Keith received a certificate and check from Ken Brunson, representing KDWP. Photograph by Suzanne L. Collins

in making these kinds of meeting run smoothly was clearly evident to all in attendance, and we extend to him generous and heartfelt thanks. Finally, our thanks to Emporia State University—David Edds, Lynnette Sievert, and Gregory Sievert substantially bolstered attendance at the meeting when over 25 of their students from ESU registered for the event. Hopefully, other colleges and universities in Kansas and neighboring states will make such a strong showing at future meetings.

In 2001, the Society will return to Kansas and meet in Wakarusa (cookout, beer, and auction) and Topeka (talks and coffee) under the auspices of Mark Ellis, who will serve as KHS President during that year. For more precise information on the 28th Annual Meeting of the KHS in November 2001, bookmark and regularly check the KHS meeting web site (updated constantly as new information becomes available from the KHS President) at

[http://eagle.cc.ukans.edu/~cnaar/khs/  
AnnualMeetingInfo.html](http://eagle.cc.ukans.edu/~cnaar/khs/AnnualMeetingInfo.html)

Special thanks go to Eric Thiss of *Serpent's Tale* (403 Parkway Avenue North, P. O. Box 405, Lanesboro, Minnesota 55949-0405) and Robert Aldridge (Department of Biology, Saint Louis University, St. Louis, Missouri 63103), representing the *Society for the Study of Amphibians and Reptiles*, for displaying their extensive inventories of books and publications at the Kansas Herpetological Society 27th Annual Meeting in Kansas City, Missouri. The presence of both of these gentlemen and their displays greatly enhanced the ambiance of the meeting.

**RESULTS OF THE KHS  
2000 FALL FIELD TRIP**

The millennial KHS Fall Field Trip was held on 29 September and 1 October. KHS members, friends, and colleagues gathered at the town of Chetopa in extreme southeastern Labette County, and camped along the east bank of the Neosho River. In keeping with KHS tradition, many participants began to gather on Friday night (28 September), to swap stories, consume refreshing drinks, build a bonfire, and watch to ensure that none of the swift moving children ran into the fire. Plans were made for the KHS amphibian, turtle, and reptile counts, scheduled to begin at 9:00 am sharp on both Saturday and Sunday.

The sixty-eight participants registered by 9:00 am on Sunday consisted of the following: Cathy Acuff, Robert Acuff, Robbie Adams, Janelle Alleman, Mehmet Armay, Mary Kate Baldwin, Sarah Bellows-Blakely, Antan Bhullar, Ernest Bidwell, Meagan Bidwell, Vallerie Bidwell, Victoria Bidwell, Tobey Billinger, Tayler Brammer, Dan Carpenter, Nathan Carpenter, Joseph T. Collins, Suzanne L. Collins, Shawn Chronister, Mary Crouch, Mark Ellis, James Gubanyi, Emily Heronemus, George Hicks, Jon Hicks, Robert Hicks, Sue Hicks, Cindy Higgins, Levi Higgins, Robert Hines, John Humenczuk, Olin Karch, Dusty Kennedy, Eric Kessler, Maura Kessler, Jay Kirk, Meredith Mansfield, Aaron McKenny, Larry L. Miller, Dan Murrow, Paul Nelson, David Oldham, Jackson Oldham, Robin Oldham, Tag Oldham, Erika O'Shea, Aaron Overman, David Overman, Chuck Palmer, Weston Palmer, Natalie Penn, Emily Reimer, James Reimer, Jill, Reimer, Colleen Riley, Bryce Smith, LaBonna Speakman, Jacob Tollefson, John Tollefson, Julie Tollefson, Tracey Ulnicka, Hanley Vogt, Steven Wahle, Regina Wasson, and David Wickell. The presence of biology students from Kansas State University, Washburn University, and Friends University, was particularly gratifying. Equally pleasing was the participation of many children accompanied by parents motivated to provide their youngsters with an educational and fun experience.

On Saturday, David and Robin Oldham led an eighteen-car caravan to the first of three sites. Counts for the three Saturday localities are as follow:

Kansas: Labette Co: SE 1/4 Sec. 12, T35S, R19E, 30 September 2000. 10:00 am to noon.

<i>Species</i>	<i>Number Observed</i>
Northern Cricket Frog .....	40
Plains Leopard Frog .....	±250
Bullfrog .....	3
Southern Leopard Frog .....	±250

Eastern Box Turtle .....	2
Ornate Box Turtle .....	4
Painted Turtle .....	4
Slider .....	1
Western Slender Glass Lizard .....	1
Eastern Rat Snake .....	1
Western Ribbon Snake .....	1
Brown Snake* .....	1
Plainbelly Water Snake .....	1
Diamondback Water Snake .....	1

**Totals**

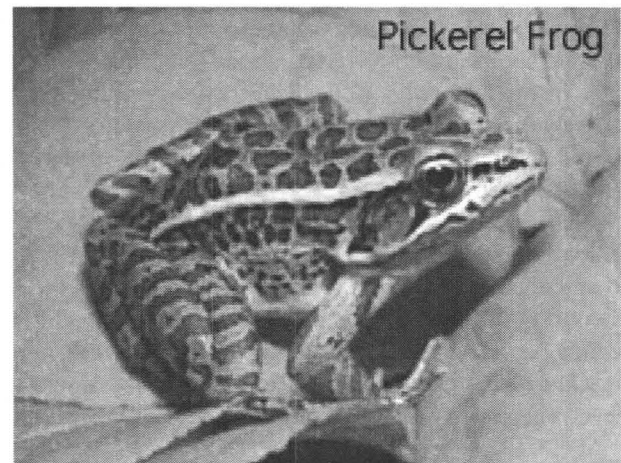
14 species ..... ±560 specimens

Verifiers: Jackson Oldham & Joseph T. Collins.

\*new county record: specimen preserved and deposited at KU.

Kansas: Cherokee Co: Schermerhorn Cave area. 30 September 2000. 1:00 pm to 2:30 pm.

<i>Species</i>	<i>Number Observed</i>
Longtail Salamander .....	28
Cave Salamander .....	15
Grotto Salamander .....	1
American Toad .....	1
Northern Cricket Frog .....	6
Bullfrog .....	1
Southern Leopard Frog .....	1



Participants at the Kansas Herpetological Society Annual Fall Field Trip were on alert for Pickerel Frogs while at Schermerhorn Cave in Cherokee County. If successful, a reintroduction effort, led by Jay Kirk (Friends University, Wichita) and sponsored by the Kansas Department of Wildlife and Parks, may reestablish these attractive little frogs where they once occurred in the Ozarkian Region of our state. None of the released frogs were discovered this trip. Photograph by Suzanne L. Collins.

Ground Skink .....	4
Five-lined Skink .....	4
Flathead Snake .....	1
Rough Green Snake .....	1
Eastern Rat Snake .....	1
Eastern Rat Snake .....	1
Western Ribbon Snake .....	1
Common Garter Snake .....	1
Northern Water Snake .....	1

Totals

15 species ..... 67 specimens

Verifiers: Sarah Bellows-Blakely & Joseph T. Collins.

Kansas: Cherokee Co: Spring River Wildlife Area. 30 September 2000. 3:30 pm to 5:00 pm.

<i>Species</i>	<i>Number Observed</i>
American Toad .....	1
Northern Cricket Frog .....	+200
Southern Cricket Frog .....	6
Eastern Box Turtle .....	10



Left to right: Joe Collins, Olin Karch (white ponytail), Jill Reimer (great hat), Cathy Acuff, and Jackson Oldham (crouched) search for amphibians around a pond in Labette County, Kansas, on the KHS Fall Field Trip. Photograph by Suzanne L. Collins.



KHS President-elect Mark Ellis got the only new county record during the Fall Field Trip. Mark captured a Brown Snake (*Storeria dekayi*) in Labette County, similar to the one shown above. Photograph by Suzanne L. Collins.

Fence Lizard .....	9
Ground Skink .....	1
Five-lined Skink .....	12
Ringneck Snake .....	4
Rough Green Snake .....	1
Eastern Rat Snake .....	1
Northern Water Snake .....	1
Copperhead .....	1

Totals

12 species ..... +246 specimens

Verifier: Mark R. Ellis.

After returning to camp on the banks of the burbling Neosho, a number of members visited the Buckboard Restaurant in downtown Chetopa for dinner. Post-dinner festivities continued back at the campsite, and probably lasted until the wee hours.

On Sunday morning, participants once again assembled at the Neosho River campsite, although their numbers had dwindled substantially. This time, Joe and Suzanne again led the caravan, but only nine cars joined the procession. Two sites were visited, as follows:

Kansas: Cherokee Co: Shawnee Creek Area. 1 October 2000. 10:00 am to 11:00 am.

<i>Species</i>	<i>Number Observed</i>
Northern Cricket Frog .....	+100
Southern Leopard Frog .....	3
Eastern Box Turtle .....	1
Slider .....	1
Plainbelly Water Snake .....	1
Northern Water Snake .....	2





Joe Collins, Mark Kate Baldwin (taking notes), and Jay Kirk watch a young participant examine a Box Turtle in Labette County Kansas, on the KHS Fall Field Trip. Photography by Suzanne L. Collins

Kansas: Cherokee Co: Shoal Creek area. 1 October 2000, noon to 1:00 pm.

<i>Species</i>	<i>Number Observed</i>
American Toad .....	1
Northern Cricket Frog .....	5
Eastern Gray Treefrog .....	2
Bullfrog .....	2
 Eastern Box Turtle .....	 1
Fence Lizard .....	2
Ground Skink .....	2
Five-lined Skink .....	1
Ringneck Snake .....	1
Rough Green Snake .....	1
Coachwhip .....	1
Eastern Rat Snake .....	1
Western Ribbon Snake .....	1
Common Garter Snake .....	2

Totals

14 species ..... 23 specimens

Verifiers: Robert Acuff & Joseph T. Collins.

Grand Totals

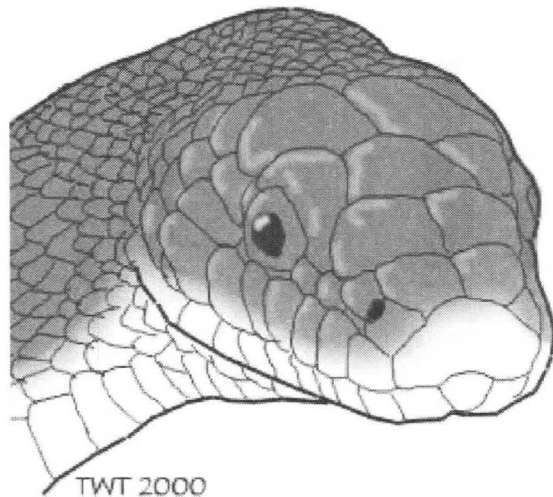
29 species ..... +954 specimens

The Kansas Herpetological Society wishes to express its thanks to Larry L. Miller, KHS Field Trip chairperson, for his efforts in planning another outstanding society field outing. In addition, the Society is deeply indebted to the Oldham family, David, Robin, Jackson and Tag, for granting access to their land (and that of their neighbors) in Labette County and for serving as such gracious hosts.

Common names are those standardized nationwide by Collins (1997).

LITERATURE CITED

Collins, Joseph T. 1997. *Standard Common and Current Scientific Names for North American Amphibians and Reptiles. Fourth Edition.* SSAR Herpetological Circular 25: 1-40.



# KHS BUSINESS

## KHS BYLAWS CHANGES ADOPTED

The changes highlighted in boldface below were adopted\*\* on 21 October 2000 by the assembled membership at the 27th Annual Meeting of the Kansas Herpetological Society at the Adam's Mark Hotel, Kansas City, Missouri. The changes took effect on passage.

### Article II. Officers of the Society

Section 1. The officers of the Society shall be of two kinds, elective and appointive.

(b) The appointed officer shall be Editor of the Society.

**(b) The appointed officers shall be Editor of the Society and Historian.**

Section 4. The duties of the elective officers shall be as follows:

(c) The Secretary shall maintain the records of the Society and officers; notify the membership of pertinent business and be responsible for all general correspondence of the Society.

**(c) The Secretary shall maintain the records of the Society and officers, including all moneys received, collect the annual dues and deposit fund into the Society's designated account(s), maintain the membership roster, provide mailing labels to the Editor of the Society, and notify the membership of pertinent business.**

(d) The Treasurer shall keep records and accounts of the Society including all moneys received and disbursed; collect the annual dues and maintain the membership roster; and be responsible for all financial reports required by the business of the Society. The Treasurer shall make a financial report to the membership at the general meeting.

**(d) The Treasurer shall keep financial records and accounts of the Society, be responsible for all moneys disbursed, and prepare and submit all financial reports required by the business of the Society. The Treasurer shall make a financial report to the membership at the general meeting; this report is to be published in the first issue of the Newsletter during the year following the general meeting.**

Section 5. The duties of the Editor of the Society shall be as follows: The Editor shall be responsible for all phases of Society publications. The Editor may appoint staff members for assistance as needed. Inasmuch as the newsletter is the principal mechanism for written communication to the membership, the Editor is obligated to publish all communications of the Society and its officers on a first priority basis and to include, as space permits, other items consonant with the stated objectives of the Society. The Editor shall report annually to the officers of the Society.

**Section 5. The duties of the appointed officers shall be as follows:**

**(a) The duties of the Editor of the Society shall be as follows: The Editor shall be responsible for all phases of Society publications. The Editor may appoint staff members for assistance as needed. Inasmuch as the Newsletter is the principal mechanism for written communication to the membership, the Editor is obligated to publish all communications of the Society and its officers on a first priority basis and to include, as space permits, other items consonant with the stated objectives of the Society. The Editor shall report annually to the officers of the Society.**

**(b) The Historian of the Society shall compile all Society publications and other pertinent records and make provisions for permanent archival storage of those records. The Historian shall report annually to the officers of the Society.**

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\*\*The amendment to Article II changing the text of Section 1(b) was adopted at the *Kansas Herpetological Society General Business Meeting* by a vote of 22 yea and 2 nay.

The amendments to Article II changing the texts of Section 4(c and d) and creating Section 5(a and b) were adopted at the *Kansas Herpetological Society General Business Meeting* by a vote of 21 yea, 1 nay, and 1 abstention.



## KHS BUSINESS

### SPRING 2001 KANSAS HERPTEOLOGICAL SOCIETY FIELD TRIPS ANNOUNCED

The Kansas Herpetological Society will hold two field trips during the spring of 2001:

#### *Field Trip East 4–6 May 2001*

The KHS will meet at Linn County Park at La Cygne Lake located just to the east of La Cygne, Kansas. The park will be the base camp with trips to a variety of locations on Saturday and Sunday.

Joe Collins will lead the group to his study site in the Marais des Cygnes National Wildlife Refuge. There will be many opportunities to observe and photograph amphibians, turtles, and reptiles. We will visit the habitat of a number of threatened species—maybe we will be lucky enough to observe some of them.

Directional signs will be up by late Friday evening (4 May) FRS radio channel 4 will be monitored. Everyone should plan to meet at the base camp before 9:00 am on Saturday morning for instructions. A barbeque on Saturday evening is a possibility; details will be posted.

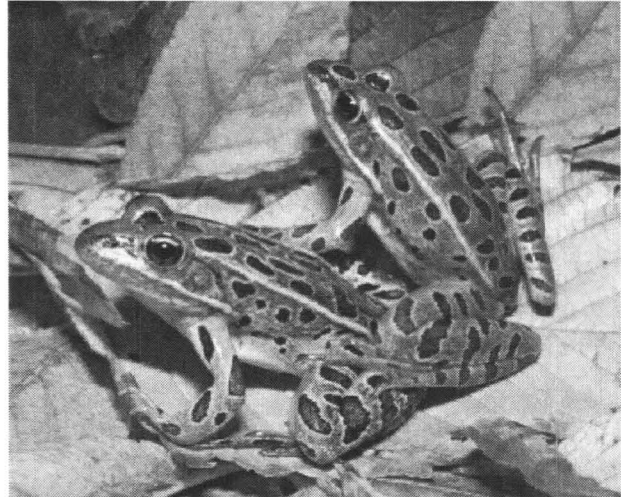
#### *Field Trip West 1–3 June 2001*

The KHS will travel to Hamilton County, Kansas, to search for two new species of snakes and one new species of frog that may be found in Kansas. Everyone should plan to meet at the Hamilton Wildlife Area located northwest of Syracuse, Kansas before 9:00 am on Saturday morning for instructions. There is primitive camping at the wildlife area and there are a limited number of motels in Syracuse. Please note that Syracuse is the only town of any size in the area. The wildlife area is about seven miles from Syracuse. This could prove to be one of the most productive meetings/field trips in the history of the KHS. There is not only the possibility of at least three new species being discovered for the state of Kansas (see photographs in the right column), but several species of very rare and beautiful amphibians and reptiles can be found in the area.

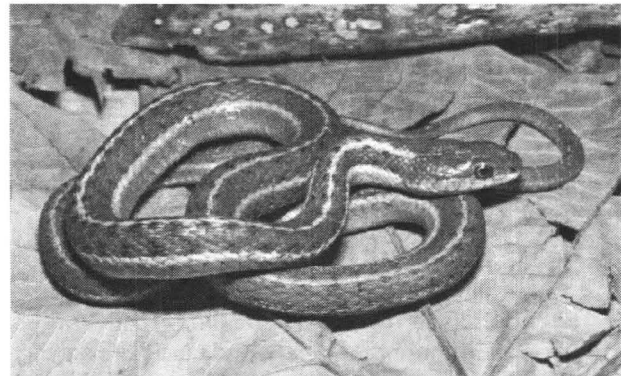
More information about motels in Syracuse will be posted on the KHS web site and included in the March 2001 issue of the *KHS Newsletter*.

Mark your calendars now, and look for more information in future KHS newsletters on the KHS web site. FRS radio channel 4 will be monitored for both trips.

Larry L. Miller  
KHS Program Chairperson  
Wakarusa, Kansas



Northern Leopard Frogs (*Rana pipiens*). Photograph by Suzanne L. Collins.



Western Terrestrial Garter Snake (*Thamnophis elegans*). Photograph by Suzanne L. Collins.



Blackneck Garter Snake (*Thamnophis cyrtopsis*). Photograph by Suzanne L. Collins



# FEATURE ARTICLES

## RESULTS OF THE ELEVENTH AND TWELFTH ANNUAL KHS HERPETOFAUNAL COUNTS FOR 1999–2000, HELD 1 APRIL–31 MAY

Eric M Rundquist  
*Animal Care Unit, B054 Malott Hall*  
*University of Kansas*  
*Lawrence, Kansas 66045*

The eleventh and twelfth series of KHS-sponsored Kansas Herpetological Counts, a controlled census of the state herpetofauna held annually during the months of April and May by members of the Kansas Herpetological Society, took place in the springs of 1999 and 2000. Due to an injury to the compiler, last year's counts are being reported this year. One count was sponsored by the Society and held in May of each of these years.

Following my previous position statement (Rundquist 1994), where state endangered and threatened species, species in need of conservation, and commercially valuable taxa are reported, exact localities are not listed. Persons with a legitimate interest in accurate locality data may contact me with a request for such information. In addition, some species reported herein may appear to be new county records. Without preserved voucher specimens or officially catalogued photographs, such listings are not valid county records nor are they valid literature records. Although I understand that, in many cases, it is not possible to have additional verifiers available, I cannot accept self-verification of such records without the existence of voucher specimens or photographs.

Common names are those standardized nationwide by Collins (1997).

### 1999 HERP COUNTS

#### 1ST BARBER COUNTY HERP COUNT

On 17–18 April an herpetofaunal count was held at a site in northwest Barber County. Count methods consisted of aural and visual surveys, rock turning, road driving, and trapping. Eric Rundquist was the only participant and verifier.

Red-spotted Toad .....	1
Great Plains Narrowmouth Toad .....	1
Eastern Collared Lizard .....	1
Prairie Lizard .....	1

Great Plains Skink .....	3
Southern Prairie Skink .....	1
Ground Skink .....	1
Ringneck Snake .....	2
Plains Blackhead Snake .....	1
Great Plains Rat Snake .....	2

Total

10 species .....	14 specimens
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#### 11TH ANNUAL COWLEY COUNTY HERP COUNT

Al Volkmann led his annual herpetofaunal count east of Winfield on 24 April from 1000–1345 hrs. The count method consisted primarily of rock turning. Mid-survey temperature was 12°C. Water temperature was 13°C. The sky was completely overcast with north winds at 10–15 mph. The area had been completely burned. Intermittent streams on the area were flowing and the pond was full.

Northern Cricket Frog .....	28
Plains Leopard Frog .....	2
Eastern Collared Lizard .....	3
Great Plains Skink .....	13
Ground Skink .....	2
Ringneck Snake .....	22
Flathead Snake .....	18
Eastern Racer .....	9
Great Plains Rat Snake .....	5
Common Kingsnake .....	2
Northern Water Snake .....	1
Plains Garter Snake .....	2
Common Garter Snake .....	4
Lined Snake .....	2

Total

16 species .....	116 specimens
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Verifier was Al Volkmann.

11TH ANNUAL SUMNER COUNTY HERP COUNT

A herpetofaunal count was held south of Caldwell on 1 May from 1100–1300 hrs. Participants were Larry L. Miller, Mary Kate Baldwin, Nina Ward, Cory Ward, Darin Ward, Devan Whaley, Quinci Ward, William Frager, Chelsea Armstrong, Kaity Heflin, Sarah Sellers, Laura Bixler, Tobey Billinger, Allie Kossoy, Brandon Barnett, and Carolyn Bryan.

Great Plains Toad .....	1
Northern Cricket Frog .....	4
Bullfrog .....	1
Great Plains Narrowmouth Toad .....	5
Ornate Box Turtle .....	1
Eastern Earless Lizard .....	8
Prairie Lizard .....	9
Southern Prairie Skink .....	10
Ringneck Snake .....	21
Eastern Racer .....	1
Bullsnake .....	1
Common Kingsnake .....	3
Ground Snake .....	11
Lined Snake .....	1

Total

14 species ..... 125 specimens

Verifiers were Larry L. Miller and Mary Kate Baldwin.

SHAWNEE COUNTY HERP COUNT

Larry Miller led a herpetofaunal count at Camp Creek Wetlands in southeast Shawnee County on 7 May between 1000–1400 hrs. Participants included 24 Topeka Collegiate School 7th Grade students and two parents.

Northern Cricket Frog .....	2
Gray Treefrog complex .....	3
Plains Leopard Frog .....	1
Five-lined Skink .....	4
Western Worm Snake .....	2
Ringneck Snake .....	154
Eastern Rat Snake .....	1
Prairie Kingsnake .....	1
Brown Snake .....	1
Common Garter Snake .....	1

Total

10 species ..... 170 specimens

Larry L. Miller was the verifier.

OSAGE COUNTY HERP COUNT

A herpetofaunal count was held 11 May at Osage County Fishing Lake south of Carbondale from 1030–1400 hrs. Participants included, Kevin Freed, Larry L. Miller, 33 Topeka Collegiate School 6th Grade students, and four other adults.

American Toad .....	1
Northern Cricket Frog .....	6
Plains Leopard Frog .....	1
Ornate Box Turtle .....	1
Eastern Racer .....	5
Eastern Rat Snake .....	1
Plainbelly Water Snake .....	1
Northern Water Snake .....	5
Graham’s Crayfish Snake .....	1
Brown Snake .....	2
Common Garter Snake .....	2
Copperhead .....	2

Total

12 species ..... 28 specimens

Larry L. Miller and Kevin Freed were verifiers.

KHS SPRING HERP COUNT

The annual KHS Spring Herpetofaunal Count was held in the vicinity of Kanopolis Reservoir in Ellsworth County from 0930 hrs 22 May to 1200 hrs 23 May. Count methods consisted of aural surveys, visual surveys, rock turning, and road driving. Participants included Henry Hall, Terry Hall, Mike Mitchell, Mary Kate Baldwin, Alex Woodward, Amanda Woodward, Gayle Anderson, Kelly Egli, Daniel G. Murrow, Michael Pearce, Jerrod Pearce, Cami Liggett, John F. Lokke, Travis W. Taggart, Suzanne Collins, Joseph T. Collins, Ashely Rasmussen, Stanley Rasmussen, Jill Reimer, James Riemer, Andy Burr, Eric Kessler, Maura Kessler, Neil Bass, Dan Carpenter, Karen Graham, Trey Harrison, John Tollefson, Julie Tollefson, Jacob Tollefson, Jay Jeffrey, Keith Coleman, and James Gubanyi.

Woodhouse’s Toad .....	3
Northern Cricket Frog .....	14
Western Chorus Frog .....	±10
Plains Leopard Frog .....	10
Bullfrog .....	41
Great Plains Narrowmouth Toad .....	1
Common Snapping Turtle .....	3
Yellow Mud Turtle .....	7
Painted Turtle .....	24
Ornate Box Turtle .....	11

Slider .....	1
Eastern Collared Lizard .....	41
Texas Horned Lizard .....	1
Prairie Lizard .....	19
Great Plains Skink .....	78
Northern Prairie Skink .....	4
Six-lined Racerunner .....	140
Ringneck Snake .....	40
Eastern Racer .....	6
Great Plains Rat Snake .....	11
Eastern Rat Snake .....	2
Prairie Kingsnake .....	4
Common Kingsnake .....	10
Milk Snake .....	2
Coachwhip .....	2
Bullsnake .....	1
Northern Water Snake .....	2
Brown Snake .....	3
Plains Garter Snake .....	1
Common Garter Snake .....	3
Lined Snake .....	17
Massasauga .....	1
Western Diamondback Rattlesnake* .....	1

Total

32 species ..... 514 specimens

Verifiers were Daniel G. Murrow and Joseph T. Collins.  
*\*alien, non-native species; escaped from captivity or was released (specimen preserved in KU collection)*

#### 2ND BARBER COUNTY HERP COUNT

A herpetofaunal count was held in northwestern Barber County on 29–30 May. Count methods included road driving, aural and visual surveys, rock turning, and trapping. Temperatures ranged from 69°F–85°F. Prevailing winds were light from S to SE. A total of 12.5 man-hours were expended in search activities. Eric Rundquist and Ross Black were the participants.

Plains Spadefoot .....	1
Red-spotted Toad .....	1
Prairie Lizard .....	1
Great Plains Skink .....	1
Ground Skink .....	1
Eastern Collared Lizard .....	3
New Mexico Blind Snake .....	1
Ringneck Snake .....	1
Night Snake .....	1
Eastern Racer .....	1
Common Kingsnake .....	1
Coachwhip .....	1

Garter Snake .....	1
Lined Snake .....	5

Total

14 species ..... 19 specimens

Verifier was Eric Rundquist.

#### MEADE COUNTY HERP COUNT

A herpetofaunal count was conducted at various sites in central Meade County on 30 May. Count methods consisted of rock turning, road driving, and visual surveys. Skies were clear with a light south wind. A total of 6 man-hours were expended in search activities. Ross Black and Eric Rundquist were the participants.

Bullfrog .....	1
Ornate Box Turtle .....	1
Great Plains Skink .....	1
Eastern Racer .....	1
Bullsnake .....	1
Western Rattlesnake .....	1

Total

6 species ..... 6 specimens

Verifier was Eric Rundquist.

A grand total of 57 species and 992 specimens were observed during the 1999 KHS Spring Herpetofaunal Counts.

#### 2000 HERP COUNTS

##### HARPER COUNTY HERP COUNT

A herpetofaunal count was held in Harper County on 14 April from 2100–0030 hrs. Count methods consisted of aural surveys and road driving. Temperature was 69°F. Eric Rundquist was the only participant and verifier.

Northern Cricket Frog .....	35
Spotted Chorus Frog .....	8
Western Chorus Frog .....	190

Total

3 species ..... 233 specimens



1ST BARBER COUNTY HERP COUNT

A herpetofaunal count was held in various areas of Barber County on 15–16 April. Count methods consisted of aural surveys, visual surveys, road driving, rock turning, and trapping. Temperatures ranged from a low of 38°F–92°F. A total of 12 man-hours were expended on the count. Eric Rundquist was the only participant and verifier.

Strecker's Chorus Frog (calling) .....	± 50
Western Chorus Frog (calling) .....	± 250
Eastern Collared Lizard .....	5
Prairie Lizard .....	1
Ringneck Snake .....	2
Great Plains Rat Snake .....	3
Lined Snake .....	4
Total	
7 species .....	165 specimens

KHS SPRING FIELD TRIP HERP COUNT

The annual KHS Spring Field Trip Herpetofaunal Count was conducted in Butler and Greenwood Counties at the Flint Hills Tallgrass Prairie Preserve on 28–30 April. Participants were Laura Acuff, Robert Acuff, Robert Acuff, Jr., Shawn Ames, Chelsea Armstrong, Mary Kate Baldwin, Aislynn Barnett, David Beaver, Tyler Beaver, Jesse E. Bell, Sarah Bellows-Blakely, Aaron Bennett, Mitch Bennett, Matt Bonebrake, Alex Bork, Dan Carpenter, Park W. Carter, Chris Cigich, Joseph T. Collins, Suzanne L. Collins, Cindy Cummings, Tom Cummings, G. R. Elder, Mark Ellis, Brandon Eugster, Robert Eugster, Adam Faircloth, Shirley Faircloth, Frank Finks, Georgia Finks, Karen Graham, James Gubanyi, Henry Hall, Terry Hall, Trey Harrison, Jordan Haven, Kaity Heflin, Emily Heronemus, Betty Horn, John Horn, Amanda Hutton, Dan Johnson, Dustin Johnson, Grace Anne Johnson, Caleb Karch, Olin Karch, Eric Kessler, Maura Kessler, Julie Levings, Cami Liggett, John F. Lokke, Larry L. Miller, Suzanne L. Miller, David Oldham, Jackson Oldham, Robert Oldham, Tag Oldham, Stuart Perez, Jacob Porak, Evelyn Regier, Bernard Regier, Emily Reimer, James Reimer, Jill Reimer, Curtis Schmidt, Kathy Sheidler, Gregory Sievert, Melissa Skillman, Melissa Snickles, Jonathan Storm, Don Stout, Dan Thompson, Sheridan Thompson, T. J. Topf, Tony Topf, John Torline, Breana Tutuska, Jenny Upchurch, Jonathan Wasson, David Wickell, Tim Wray, Bob Zerwekh, and Mike Zerwekh.

Woodhouse's Toad (tadpoles only) .....	±25
Northern Cricket Frog .....	69
Plains Leopard Frog .....	24
Bullfrog .....	10

Great Plains Narrowmouth Toad .....	5
Common Snapping turtle .....	2
Painted Turtle .....	4
Ornate Box Turtle .....	46
Slider .....	1
Eastern Collared Lizard .....	19
Texas Horned Lizard .....	2
Great Plains Skink .....	174
Northern Prairie Skink .....	12
Ringneck Snake .....	14
Eastern Racer .....	5
Great Plains Rat Snake .....	1
Prairie Kingsnake .....	2
Common Kingsnake .....	18
Milk Snake .....	7
Bullsnake .....	6
Plainbelly Water Snake .....	3
Northern Water Snake .....	3
Graham's Crayfish Snake .....	1
Western Ribbon Snake .....	2
Plains Garter Snake .....	2
Common Garter Snake .....	26
Lined Snake .....	30
Massasauga .....	9

Totals

28 species .....	531 specimens
Verifiers were Joseph T. Collins, Suzanne L. Collins and Larry L. Miller.	

12TH ANNUAL COWLEY COUNTY HERP COUNT

Al Volkmann held his annual Cowley County Herpetofaunal Count on April 29 east of Winfield. The survey occurred between 1000–1345 hrs, and primarily consisted of rock turning. The mid-survey ambient temperature was 22°C. Stream water temperature was 14°C. The sky was completely overcast. The area had been burned off one month prior to the survey. All but two of the intermittent streams in the survey area were dry, but the pond was full. There had been no significant rain during the month of April and the ground was quite dry. 12-year record high species counts for Ornate Box Turtle, Great Plains Skink, Ground Skink, Common Kingsnake, and Western Ribbon Snake were noted. Participants were Bobak Alihosseinizadeh, Joyce Lent, Jenny Previterra, Robert Previterra, Al Volkmann, Glynda Volkmann, Todd Volkmann, and Stan Wiechman.

Woodhouse's Toad .....	3
Northern Cricket Frog .....	19
Bullfrog .....	2

Plains Leopard Frog .....	1
Great Plains Narrowmouth Toad .....	2
Ornate Box Turtle .....	3
Collard Lizard .....	4
Great Plains Skink .....	36
Ground Skink .....	5
Six-lined Racerunner .....	1
W. Slender Glass Lizard .....	3
Ringneck Snake .....	12
Flathead Snake .....	28
Racer .....	12
Great Plains Rat Snake .....	1
Prairie Kingsnake .....	1
Common Kingsnake .....	4
Coachwhip .....	1
Western Ribbon Snake .....	7
Common Garter Snake .....	3
Lined Snake .....	2

Total

21 Species ..... 150 Specimens

Verifier was Al Volkmann.

2ND BARBER COUNTY HERP COUNT

A herpetofaunal was conducted at various sites in Barber County on 6–7 May. Count methods consisted of visual surveys, road driving, rock turning, and trapping. A total of 12.5 man-hours were expended in search activities. Eric Rundquist and Steve Rundquist were the participants.

Spotted Chorus Frog .....	2
Great Plains Narrowmouth Toad .....	1
Slider .....	2
Eastern Collared Lizard .....	1
Texas Horned Lizard .....	2
Great Plains Skink .....	2
Southern Prairie Skink .....	1
Six-lined Racerunner .....	1
Ringneck Snake .....	2
Night Snake .....	1
Plains Blackhead Snake .....	2
Eastern Racer .....	2
Prairie Kingsnake .....	1
Common Kingsnake .....	3
Bullsnake .....	1
Lined Snake .....	2

Total

16 species ..... 27 specimens

Eric Rundquist was the verifier.

OSAGE COUNTY HERP COUNT

A herpetofaunal count was held in Osage County SSE of Overbrook on 10 May from 1030–2115 hrs. Participants were Joseph T. Collins and Suzanne L. Collins.

American Toad .....	±25
Northern Cricket Frog .....	±25
Cope's Gray Treefrog .....	±25
Massasauga (AOR) .....	3

Totals

4 species ..... ±78 specimens

Verifier was Joseph T. Collins.

3RD BARBER COUNTY HERP COUNT

A herpetofaunal count was conducted at various sites in Barber County on 27–29 May. Count methods consisted of visual surveys, aural surveys, road driving, rock turning, and trapping. Temperatures ranged from 61°F–94°F with prevailing moderate south winds and moderate cloud cover. A total of 11.75 man-hours were expended in search activities. Eric Rundquist was the only participant and verifier.

Plains Spadefoot (calling) .....	33
Northern Cricket Frog (calling) .....	±60
Spotted Chorus Frog (calling) .....	94
Plains Leopard Frog (calling) .....	13
Common Snapping Turtle .....	1
Yellow Mud Turtle .....	1
Ornate Box Turtle .....	3
Slider .....	11
Eastern Collared Lizard .....	11
Prairie Lizard .....	1
Great Plains Skink .....	1
Six-lined Racerunner .....	3
Night Snake .....	1
Common Kingsnake .....	3
Coachwhip .....	1
Bullsnake .....	2
Ground Snake .....	3
Lined Snake .....	1
Massasauga .....	1

Total

19 species ..... 244 specimens

Verified by Eric M. Rundquist.

WABAUNSEE COUNTY HERP COUNT

A herpetofaunal count was held in Wabaunsee County near Dover on 29 May from 1400–1730 hrs. Participants were Jim and Marla Gubanyi.

Northern Cricket Frog .....	2
Bullfrog .....	1
Plains Leopard Frog .....	1
Great Plains Skink .....	11
Northern Prairie Skink .....	1
Ringneck Snake .....	6

Total

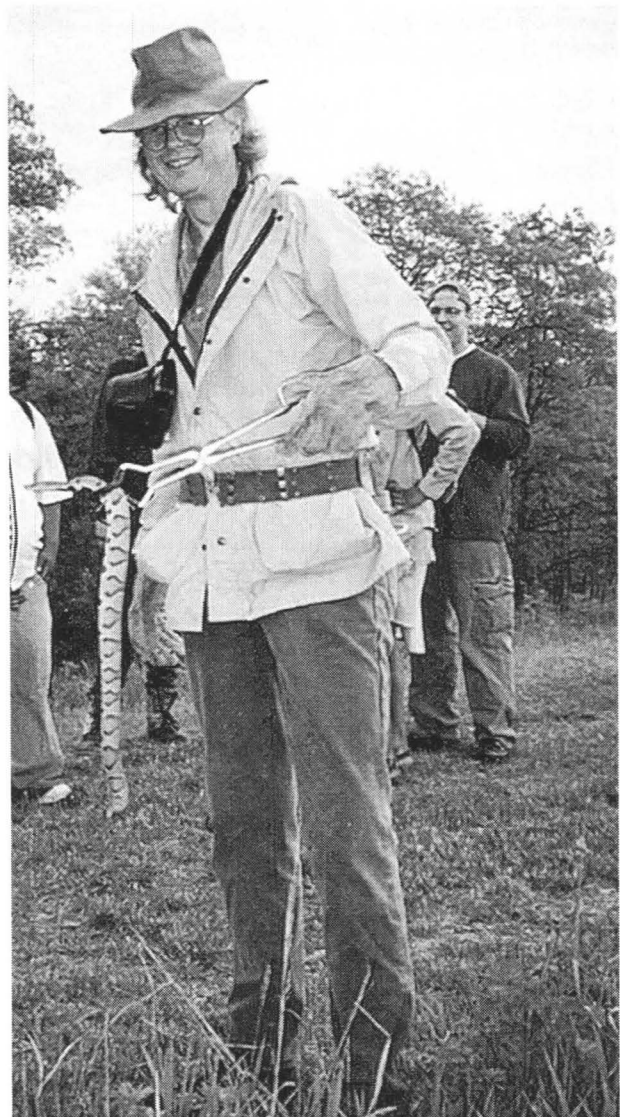
6 species ..... 22 specimens

A grand total of 43 species and 1600 specimens were tallied for 2000.

LITERATURE CITED

Collins, Joseph T. 1997. *Standard Common and Current Scientific Names for North American Amphibians and Reptiles. Fourth Edition.* SSAR Herpetological Circular 25: 1–40.

Rundquist, Eric M. 1994. Results of the Sixth Annual KHS Herp Counts Held 1 April–31 May 1994. *Kansas Herpetological Society Newsletter* 97: 5–14.



John Lokke (former KHS President) admires a Copperhead found during one of the KHS field trips in 1999. Photograph by Larry L. Miller.



# SHORT COMMUNICATIONS

## OBSERVATIONS ON MISSOURI TURTLES AND REPTILES

On 24 June 2000 while hiking on the Tzi-Sho Natural Area of Prairie State Park in Barton County, Missouri my family observed an Ornate Box Turtle. The turtle's face and fore limbs were dyed purple from blackberries (*Rhubus* spp.) that he had been consuming. The dye was darkest at the joints of the scales on the forelimbs.

The location of this siting was SE 1/4 of SW 1/4 Sec. 23, T32N, R33W. The time was 1815 hrs and the outside temperature was 89°F. Blackberries were abundant and the only fruit that I observed on the area during the 1.6 mile walk.

Below are three herpetofaunal counts from a glade in southwest Missouri. These surveys were conducted in Dade County, Missouri on a glade stretching along Son's Creek which has been impounded by Stockton Lake. This is an Army Corps of Engineers reservoir created in the mid 1970s. The locality is the S1/2 of NE 1/4 Sec. 26, T32N, R27W. The entire glade is located on the west side of Missouri State Rt. 39.

This area is in the Ozark Plateau natural division of Missouri. Glade habitats are characterized by shallow soils and large expanses of exposed bed rock. These areas are extremely wet in the winter and spring as water seeps out along the shelves of rock. However, due to the shallow soil they become very xeric in the summer time as moisture quickly evaporates and is transpired. These habitats contain many southwestern remnants and are the only places in Missouri to find collared lizards (*Crotaphytus collaris*) and tarantulas.

Due to fire suppression, many ozark glades have been overtaken by Eastern Red Cedar (*Juniperus virginiana*). The Son's Creek glade is no different. At least ninety percent of this glade is covered by cedars and has patches of grass scattered over the remaining ten percent. The common plants of these open areas are: Big Bluestem, Little Bluestem, Prairie Dropseed, Indian Grass, Sideoats Grama, Switchgrass, Wild Onion, Spiderwort, Yellow Wood Sorrel, and numerous Asters.

In an attempt to quantify my search efforts I recorded my time during each count and counted the number of rocks that I flipped. I flipped rocks ranging in size from eight inches to about fifty-five inches in diameter. The majority of the rocks flipped were about eighteen inches in diameter.

The first count was conducted on 31 May 1999 and began at 1125 hrs and concluded at 1310 hrs. The minimum and maximum temperatures for the day were 59°F and

80°F. I flipped 470 rocks. I found seventeen individuals of six species.

Eastern Box Turtle ( <i>Terrapene carolina</i> ) .....	1
Fence Lizard ( <i>Sceloporus undulatus</i> ) .....	3
Coal Skink ( <i>Eumeces anthracinus</i> ) .....	1
Five-lined skink ( <i>Eumeces fasciatus</i> ) .....	3
Ground Skink ( <i>Scincella lateralis</i> ) .....	8
Ringneck Snake ( <i>Diadophis punctatus</i> ) .....	1

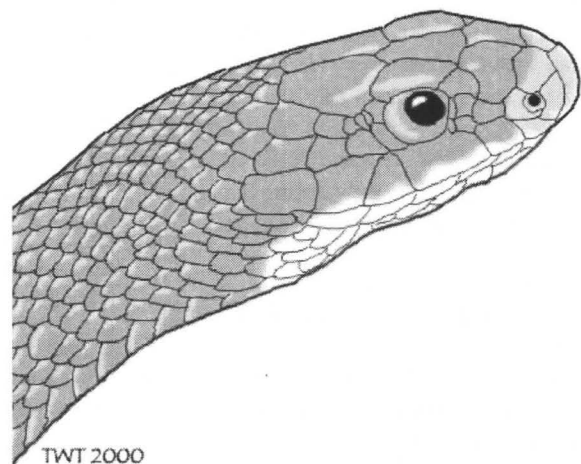
The second count was on 10 July 1999 and began at 0935 hrs and concluded at 1010 hrs. The temperatures for this day were 62°F and 80°F. I flipped 200 rocks. I found three individuals of two species.

Five-lined skink ( <i>Eumeces fasciatus</i> ) .....	2
Ground Skink ( <i>Scincella lateralis</i> ) .....	1

The third count was on 9 October 1999 and began at 1010 hrs and concluded at 1040 hrs. The temperatures were 54°F and 79°F. I flipped 200 rocks. I found eight individuals of three species.

Fence Lizard ( <i>Sceloporus undulatus</i> ) .....	3
Ground Skink ( <i>Scincella lateralis</i> ) .....	4
Eastern Racer ( <i>Coluber constrictor</i> ) .....	1

—Neil Bass  
610 South Main Street, Apt. B  
Warrensburg, Missouri 64093



## HERPETOLOGY RELATED GUIDES, ORGANIZATIONS, AND IMAGES ON THE INTERNET

This is the third in a series of articles covering the free resources available to herpetologists on the Internet. The following represents a small list of sites covering divergent subject matter. The list is meant to act as an initial introduction to the resources available on herpetology organizations, regional guides, and images. It is by no means an exhaustive list. Ten sites were selected and are presented by their title, URL, and brief text description.

SOCIETY FOR THE STUDY OF AMPHIBIANS AND REPTILES  
<http://www.ukans.edu/~ssar/>

The largest organization of herpetologists in the world. The SSAR publishes the *Journal of Herpetology*, *Herpetological Review*, *Herpetological Conservation*, *Herpetological Translations*, and the *Catalog of American Amphibians and Reptiles*. The webmaster is KHS member George Pisani and makes many aspects of the society available to you, including history and business items. Joseph T. Collins is one of the co-founders of the SSAR.

AMERICAN SOCIETY OF  
ICHTHYOLOGISTS AND HERPETOLOGISTS  
<http://www.utexas.edu/dept/asih/>

The ASIH publishes *Copeia*. Their website, overseen by Mo Donnelly at Florida International University, contains information for potential members, but also has some novel features. The site has a searchable directory of ASIH members and possibly even more useful is a bulletin board system, where you can pose questions of the experts.

THE CENTER FOR  
NORTH AMERICAN AMPHIBIANS AND REPTILES  
<http://eagle.cc.ukans.edu/~cnaar/CNAARHomePage.html>

CNAAR serves as a data bank for information about North American amphibians, turtles, reptiles, and crocodilians, and promotes the study and conservation of them by financial support. In addition, the CNAAR website co-hosts, with *Contemporary Herpetology*, the largest director of herpetologists on the internet. The site also hosts *Standard Common and current Scientific Names for North American Amphibians and Reptiles: Fourth Edition* by Joseph T. Collins, the only online list updated daily for the entire North American herpetofauna.

THE HERPETOLOGISTS LEAGUE  
<http://www.inhs.uiuc.edu/cbd/HL/HL.html>

The Herpetologist League publishes *Herpetologica*, *Herpetological Monographs*, and *HL Communications*. The website contains all the pertinent information concerning society membership, as well as information on

current and back titles, society news, and upcoming meetings.

WISCONSIN HERPETOLOGY HOMEPAGE  
<http://www.mpm.edu/collect/vertzo/herp/atlas/welcome.html>

This site, administered by the Milwaukee Public Museum, provides a wealth of information on the herpetofauna of Wisconsin. One of the more impressive features is the Wisconsin Herpetological Atlas Project (Herp Atlas) which tracks the distributions of amphibians and reptiles in Wisconsin. Included are county distribution maps for the entire Wisconsin herpetofauna.

WEST VIRGINIA HERPETOLOGY  
<http://www.marshall.edu/herp/>

This page was designed to introduce those interested in the herpetofauna of West Virginia. From the *Guide to West Virginia Amphibians and Reptiles*, the reader can learn about the life history of each species as well as view photos.

US AMPHIBIAN DISTRIBUTION MAPS  
<http://home.bsu.edu/home00mjlanoo/USamphibians.html>

Through the cooperation of several agencies this site features county distribution maps of all United States amphibians. These maps represent documented and assumed distributions from museum records, data published in the primary literature, state/regional field guides, or as submitted from state/regional experts.

NEW YORK STATE  
AMPHIBIAN AND REPTILE ATLAS PROJECT  
<http://www.dec.state.ny.us/website/dfwmr/wildlife/herp/index/html>

The Amphibian and Reptile Atlas Project (*Herp Atlas*) was a ten-year survey that was designed to document the geographic distribution of New York State's herpetofauna.

DITTO.COM  
<http://www.ditto.com/>

If you are looking for digital images, ditto.com is a great place to start. Ditto.com provides a visual mechanism to search the web using pictures instead of text.

PHOTOVAULT  
<http://www.photovault.com/>

Photovault is a library of 700,000 images, all of which can be viewed at a reasonable resolution. Each are faintly watermarked, depending on your interest in them, this may render them unusable. If this is the case, additional herpetological pictures can be found at <http://gto.ncsa.uiuc.edu/pingleto/lobby.html>.

—The Editor

NEW BOOK ON ILLINOIS  
AMPHIBIANS, TURTLES & REPTILES

*Field Guide to Amphibians and Reptiles of Illinois*  
by Christopher A. Phillips, Ronald A. Brandon, and Edward O. Moll

Available from the Illinois Natural History Survey for \$19.95 (includes shipping & handling). To obtain copies, order from: distribution Center, Illinois Natural History Survey, 607 East Peabody Drive, Champaign, Illinois 61820. Make checks payable to *Illinois Natural History Survey*. For more information, call the Publications Office at (217) 333-6833.

NEW TURTLE BOOK

*Turtle Conservation*  
Edited by Michael W. Klemens  
Foreword by Nat B. Frazer

This timely book was inspired by the recently discovered "turtle conservation crisis," as one third to one half of the world's 260 turtle species face possible extinction. Many of the turtles that exist today, although seemingly abundant, are members of "living dead" populations that are composed mainly of aging adults with limited reproductive prospects.

*Turtle Conservation* provides a comprehensive analysis of threats to turtles and tortoises worldwide, such as the impacts of habitat degradation, incidental take by fisheries, collection, road mortalities, disease, and other factors influential in the decline of numerous turtle species. Considering the most significant problems facing the group, Michael Klemens and eighteen of the world's foremost authorities on turtle biology and conservation, including J. Whitfield Gibbons, David Ehrenfeld, Edward O. Moll, and Jeffrey E. Lovich, review the outlook for marine, freshwater, semi-aquatic, and terrestrial species.

For turtle aficionados and herpetologists alike, this book is a wide-ranging survey of the efforts to conserve one of the world's most ancient and endangered groups.

Available from the Smithsonian Institution Press, Washington, D. C. Price unknown. ISBN: 1560983728.

BOOKMARK THESE KHS WEB SITES  
NOW

For everything about the KHS, go to

<http://eagle.cc.ukans.edu/~cnaar/khs/khsmain.html>

For information about the KHS Annual Meeting, go to

<http://eagle.cc.ukans.edu/~cnaar/khs/AnnualMeetingInfo.html>

For information about the KHS Spring Field Trip East, go to

<http://eagle.cc.ukans.edu/~cnaar/khs/FieldTripSpring1Info.html>

For information about the KHS Spring field Trip West, go to

<http://eagle.cc.ukans.edu/~cnaar/khs/FieldTripSpring2Info.html>

For information about the KHS Fall Field Trip, go to

<http://eagle.cc.ukans.edu/~cnaar/khs/FieldTripInfoFall.html>

*Remember:* Not all of these web sites are fully prepared at any given time; they are always works-in-progress to keep you informed of upcoming KHS activities. Bookmark them, and check them regularly. You will find out faster at these websites about where and when the KHS is planning an activity than you will waiting for a KHS Newsletter to arrive in the mail.



A juvenile Loggerhead (*Caretta caretta*). Photograph by Suzanne L. Collins.

**KANSAS HERPETOLOGICAL SOCIETY  
APRIL-MAY AMPHIBIAN, TURTLE & REPTILE  
COUNT**

Locality: \_\_\_\_\_  
\_\_\_\_\_

Date: \_\_\_\_\_

Time: From \_\_\_\_\_ To \_\_\_\_\_

Please carefully record the total number of each species observed or heard.

**Salamanders**

- \_\_\_ Smallmouth Salamander, *Ambystoma texanum*
- \_\_\_ Barred Tiger Salamander, *Ambystoma mavortium*
- \_\_\_ Eastern Tiger Salamander, *Ambystoma tigrinum*
- \_\_\_ Eastern Newt, *Notophthalmus viridescens*
- \_\_\_ Longtail Salamander, *Eurycea longicauda*
- \_\_\_ Cave Salamander, *Eurycea lucifuga*
- \_\_\_ Many-ribbed Salamander, *Eurycea multiplicata*
- \_\_\_ Grotto Salamander, *Typhlotriton spelaeus*
- \_\_\_ Red River Mudpuppy, *Necturus louisianensis*
- \_\_\_ Common Mudpuppy, *Necturus maculosus*

**Frogs and Toads**

- \_\_\_ Plains Spadefoot, *Spea bombifrons*
- \_\_\_ American Toad, *Bufo americanus*
- \_\_\_ Great Plains Toad, *Bufo cognatus*
- \_\_\_ Green Toad, *Bufo debilis*
- \_\_\_ Red-spotted Toad, *Bufo punctatus*
- \_\_\_ Woodhouse's Toad, *Bufo woodhousii*
- \_\_\_ Northern Cricket Frog, *Acris crepitans*
- \_\_\_ Spotted Chorus Frog, *Pseudacris clarkii*
- \_\_\_ Spring Peeper, *Pseudacris crucifer*
- \_\_\_ Strecker's Chorus Frog, *Pseudacris streckeri*
- \_\_\_ Boreal Chorus Frog, *Pseudacris maculata*
- \_\_\_ Western Chorus Frog, *Pseudacris triseriata*
- \_\_\_ Eastern Gray Treefrog, *Hyla versicolor*
- \_\_\_ Cope's Gray Treefrog, *Hyla chrysoscelis*
- \_\_\_ Crawfish Frog, *Rana areolata*
- \_\_\_ Plains Leopard Frog, *Rana blairi*
- \_\_\_ Bullfrog, *Rana catesbeiana*
- \_\_\_ Green Frog, *Rana clamitans*
- \_\_\_ Pickerel Frog, *Rana palustris*
- \_\_\_ Southern Leopard Frog, *Rana sphenoccephala*
- \_\_\_ Eastern Narrowmouth Toad, *Gastrophryne carolinensis*
- \_\_\_ Great Plains Narrowmouth Toad, *Gastrophryne olivacea*

**Turtles**

- \_\_\_ Common Snapping Turtle, *Chelydra serpentina*
- \_\_\_ Alligator Snapping Turtle, *Macrochelys temminckii*
- \_\_\_ Common Musk Turtle, *Sternotherus odoratus*
- \_\_\_ Yellow Mud Turtle, *Kinosternon flavescens*
- \_\_\_ Eastern Box Turtle, *Terrapene carolina*
- \_\_\_ Ornate Box Turtle, *Terrapene ornata*
- \_\_\_ Common Map Turtle, *Graptemys geographica*
- \_\_\_ Ouachita Map Turtle, *Graptemys ouachitensis*
- \_\_\_ False Map Turtle, *Graptemys pseudogeographica*
- \_\_\_ River Cooter, *Pseudemys concinna*
- \_\_\_ Painted Turtle, *Chrysemys picta*
- \_\_\_ Slider, *Trachemys scripta*
- \_\_\_ Smooth Softshell, *Apalone mutica*
- \_\_\_ Spiny Softshell, *Apalone spinifera*

**Lizards**

- \_\_\_ Eastern Collared Lizard, *Crotaphytus collaris*
- \_\_\_ Lesser Earless lizard, *Holbrookia maculata*
- \_\_\_ Prairie Lizard, *Sceloporus undulatus*
- \_\_\_ Texas Horned Lizard, *Phrynosoma cornutum*
- \_\_\_ Ground Skink, *Scincella lateralis*
- \_\_\_ Coal Skink, *Eumeces anthracinus*
- \_\_\_ Five-lined Skink, *Eumeces fasciatus*
- \_\_\_ Broadhead Skink, *Eumeces laticeps*
- \_\_\_ Great Plains Skink, *Eumeces obsoletus*
- \_\_\_ Southern Prairie Skink, *Eumeces obtusirostris*
- \_\_\_ Northern Prairie Skink, *Eumeces septentrionalis*
- \_\_\_ Six-lined Racerunner, *Cnemidophorus sexlineatus*
- \_\_\_ Western Slender Glass Lizard, *Ophisaurus attenuatus*

**Snakes**

- \_\_\_ Texas Blind Snake, *Leptotyphlops dulcis*
- \_\_\_ Western Hognose Snake, *Heterodon nasicus*
- \_\_\_ Eastern Hognose Snake, *Heterodon platirhinus*
- \_\_\_ Western Worm Snake, *Carphophis vermis*
- \_\_\_ Ringneck Snake, *Diadophis punctatus*
- \_\_\_ Flathead Snake, *Tantilla gracilis*
- \_\_\_ Plains Blackhead Snake, *Tantilla nigriceps*
- \_\_\_ Night Snake, *Hypsiglena torquata*
- \_\_\_ Rough Green Snake, *Opheodrys aestivus*
- \_\_\_ Eastern Racer, *Coluber constrictor*
- \_\_\_ Coachwhip, *Masticophis flagellum*
- \_\_\_ Great Plains Rat Snake, *Elaphe emoryi*

- \_\_\_ Eastern Rat Snake, *Elaphe obsoleta*
- \_\_\_ Glossy Snake, *Arizona elegans*
- \_\_\_ Gopher Snake (Bullsnake), *Pituophis catenifer*
- \_\_\_ Prairie Kingsnake, *Lampropeltis calligaster*
- \_\_\_ Common Kingsnake, *Lampropeltis getula*
- \_\_\_ Milk Snake, *Lampropeltis triangulum*
- \_\_\_ Longnose Snake, *Rhinocheilus lecontei*
- \_\_\_ Ground Snake, *Sonora semiannulata*
- \_\_\_ Checkered Garter Snake, *Thamnophis marcianus*
- \_\_\_ Western Ribbon Snake, *Thamnophis proximus*
- \_\_\_ Plains Garter Snake, *Thamnophis radix*
- \_\_\_ Common Garter Snake, *Thamnophis sirtalis*
- \_\_\_ Lined Snake, *Tropidoclonion lineatum*
- \_\_\_ Rough Earth Snake, *Virginia striatula*
- \_\_\_ Smooth Earth Snake, *Virginia valeriae*
- \_\_\_ Brown Snake, *Storeria dekayi*
- \_\_\_ Redbelly Snake, *Storeria occipitomaculata*
- \_\_\_ Graham's Crayfish Snake, *Regina grahamii*
- \_\_\_ Plainbelly Water Snake, *Nerodia erythrogaster*
- \_\_\_ Diamondback Water Snake, *Nerodia rhombifer*
- \_\_\_ Northern Water Snake, *Nerodia sipedon*
- \_\_\_ Copperhead, *Agkistrodon contortrix*
- \_\_\_ Cottonmouth, *Agkistrodon piscivorus*
- \_\_\_ Massasauga, *Sistrurus catenatus*
- \_\_\_ Timber Rattlesnake, *Crotalus horridus*
- \_\_\_ Western Rattlesnake, *Crotalus viridis*

This list is based on the common and scientific names that appear in the fourth edition of *Amphibians and Reptiles in Kansas* (Collins 1997), with modifications from information published since that date. Compiled for the Kansas Herpetological Society by Joseph T. Collins. November 2000.

RETURN TO

KANSAS BIOLOGICAL SURVEY  
UNIVERSITY OF KANSAS  
2021 CONSTANT AVENUE  
LAWRENCE, KANSAS 66047

Verified by: \_\_\_\_\_

*Signature*

Observers: \_\_\_\_\_

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