

## Additional Distributional Records of Amphibians and Reptiles in Kansas Counties

JOE A. TIHEN, University of Kansas, Lawrence, Kan.

A considerable amount of unpublished locality data have been brought together recently and these are incorporated herein. In this connection I am indebted to Mr. C. D. Bunker, curator of birds and mammals of the Kansas University Museum, for permission to secure data from the specimens under his care; to Dr. Hobart M. Smith for various distributional data (including amphibian records secured in exchange for previously reported reptile records from Dr. Charles E. Burt in 1933); and to Dr. Edward H. Taylor and C. W. Hibbard for additional assistance.

### LIST OF SPECIES

#### AMPHIBIANS

##### *Ambystoma tigrinum mavortium* (Baird)

BARBER: Lake City (C. E. Burt); 1 mi. W. of Sunnyside school, in cave (KU 19875, A. B. Leonard); 4 mi. N. of Aetna (KU 19876, C. W. Hibbard).

HAMILTON: 2 mi. N. of Coolidge (KU 20272-20273, C. W. Hibbard). (Two larvae in a small pond on June 30, 1936).

HARPER: 1 mi. S. of Harper (KU 19487, Joe Tihen).

WALLACE: Wallace (KU 20281-20282, Joe Tihen).

##### *Necturus maculosus maculosus* (Rafinesque)

ANDERSON: Welda, 4 mi. E. of Garnett (KU 19575, A. E. Brecheisen).

CHASE: 1 mi. from Matfield Green, South Fork of Cottonwood river (KU 20629, V. L. Carter).

##### *Scaphiopus bombifrons* Cope

BARBER: 1 mi. SW. of Aetna (KU 20006-20028, C. W. Hibbard); Wells Ranch (KU 20211, C. W. Hibbard).

CLARK: Stephenson Ranch (KU 20230 & 20232, Hibbard & Tiemeier).

COWLEY: 2 mi. SE. of Winfield (C. E. Burt).

DOUGLAS: North Lawrence (KU 20170-20190, Pastor Echávez).

HAMILTON: 1 mi. E. of Coolidge (KU 20274, Joe Tihen).

HARPER: Harper (KU 20169, Joe Tihen).

MEADE: 1 mi. W. of State Lake (KU 20323-20324, Hibbard & Tihen).

SEWARD: 4 mi. N. of Liberal (KU 20240-20254, Joe Tihen); 1 mi. E. of Liberal (KU 20255-20257, Parks & Tihen).

On June 26, 1936, a great number of these toads were found around a small rain pond in Seward county. The specimens taken at this time were all very small, and had scarcely lost their tails. There were literally hundreds of little toads under cow chips and small piles of drift on the muddy ground surrounding the pond. Several specimens were taken in Stevens county the next day under very similar conditions.

STEVENS: 11 mi. E. of Hugoton (KU 20259-20262, Joe Tihen).

THOMAS: 5 mi. S. of Brewster (KU 18867-18879, C. A. Campbell).

WALLACE: Lacey Ranch (KU 20297, Joe Tihen).

*Bufo americanus americanus* (Holbrook)

CHAUTAUQUA: 3 mi. S. of Cedarvale (C. E. Burt).

*Bufo cognatus* Say

BARBER: 1 mi. N. of Aetna (KU 20043-20044, O. W. Tiemeier).

BUTLER: 6 mi. S. of El Dorado (KU 18419, H. M. Smith).

COMANCHE: Schwarz Canyon (KU 20217, C. W. Hibbard).

COWLEY: 11 mi. SW. of Winfield (C. E. Burt).

DOUGLAS: K. U. Campus (KU 19768, H. M. Smith); North Lawrence (KU 20397-20409, Pastor Echávez).

FORD: 1 mi. S. of Kingsdown (KU 20283, O. W. Tiemeier).

HAMILTON: 1 mi. E. of Coolidge (KU 20271, Joe Tihen).

HARPER: 1 mi. N. of Harper (KU 20084, Joe Tihen).

MARSHALL: Blue Rapids (C. E. Burt).

MEADE: 6 mi. N. of Meade (KU 20286, C. W. Hibbard).

ROOKS: Stockton (KU 20165-20167, Ralph Imler).

SEDGWICK: Wichita (KU 20285, Sam Tihen).

SEWARD: 4 mi. N. of Liberal (KU 20264, Joe Tihen).

THOMAS: Brewster (KU 19103, C. A. Campbell).

The Seward county specimen was found at the same time and under the same conditions as the Scaphiopus from the same county mentioned above, and, like them, was scarcely out of the larval stage. Dr. Charles E. Burt has presented the following notes on the specimens from Cowley county: ". . . dug from holes in bare spots in sandy areas; each dwelling of a toad was in the form of a question mark with the entry from the long end and the resting place was formed as an expansion at the short end, which was large enough to easily accommodate the toad; the sand surrounding this resting place was packed, but moist." The Butler county specimen was taken in a cave, between seven hundred and eight hundred feet from the entrance.

*Bufo punctatus* Baird and Girard

CLARK: Stephenson Ranch (KU 20233, Joe Tihen).

*Bufo woodhousii woodhousii* (Girard)

CHEYENNE: 14 mi. E. of St. Francis (KU 20299-20301, Tiemeier & Tihen).

CLARK: Stephenson Ranch (KU 20222, C. W. Hibbard).

HAMILTON: 1 mi. E. of Coolidge (KU 20265-20267, Joe Tihen).

HARPER: 1 mi. N. of Harper (KU 17925-17926, Joe Tihen); 4 mi. SE. of Harper (KU 18943, Joe Tihen).

OSBORNE: Osborne (KU 20298, C. W. Hibbard).

WICHITA: 9 mi. SE. of Leoti (KU 20276-20277, Joe Tihen).

*Acris gryllus* (Le Conte)

ALLEN: 1½ mi. S. of La Harpe (KU 20609-20628, Preble, Tiemeier & Leonard).

DICKINSON: 4 mi. NW. of Herington (C. E. Burt).

FINNEY: 2 mi. E. of Essex (C. E. Burt).

MARION: 3 mi. SE. of Antelope (C. E. Burt).

NEOSHO: 1½ mi. SW. of Erie (KU 20630-20631).

ROOKS: 3 mi. W. of Stockton (KU 20531-20597, Ralph Imler).

*Pseudacris clarkii* (Baird)

- BARBER: Havard Cave (KU 19187, A. B. Leonard).  
COWLEY: 2 mi. SE. of Winfield (KU 19183-19184, C. E. Burt).  
FORD: 1 mi. S. of Kingsdown (KU 20284, C. W. Hibbard).  
HARPER: ½ mi. N. of Harper (KU 20352-20354, Joe Tihen).

*Pseudacris triseriata* (Wied)

- CHASE: 2 mi. SW. of Matfield Green (C. E. Burt); 3 mi S. of Cottonwood Falls (C. E. Burt).  
ELLSWORTH: 12 mi. NE. of Frederick (C. E. Burt).  
LINN: 5 mi. SE. of Fontana (KU 20361-20365, Tiemeier & Leonard).  
MARION: 5 mi. SE. of Antelope (C. E. Burt).  
MORRIS: 1 mi. SW. of Council Grove (C. E. Burt).  
PRATT: Pratt (C. E. Burt).

*Rana calesbeiana* Shaw

- HAMILTON: 1 mi. E. of Coolidge (KU 20319, C. W. Hibbard).  
HARPER: Harper (KU 18555, Joe Tihen).  
LOGAN: Vincent Ranch (KU 20296, C. W. Hibbard).  
RAWLINS: 2 mi. NE. of Ludell (KU 20320, O. W. Tiemeier).  
RENO: 2½ mi. of E. of Penalosa (C. E. Burt).

While not at all abundant in the northwestern part of the state, the bull-frog appears to be fairly common around some of the streams of this section, especially in the ponds of the Smoky Hill river. One large specimen was taken from a small pond formed by an artesian well in Hamilton county.

*Rana pipiens* Schreber

- CHEYENNE: 14 mi. NE. of St. Francis (KU 20302, Joe Tihen).  
HAMILTON: 1 mi. E. of Coolidge (KU 20269-20270, Joe Tihen).  
RAWLINS: 2 mi. NE. of Ludell (KU 20288-20289, Hibbard & Tihen).  
SEWARD: 1 mi. E. of Liberal (KU 20258, Joe Tihen).  
SHERMAN: 17 mi. SE. of Goodland (KU 20290, C. W. Hibbard).  
WICHITA: 9 mi. SE. of Leoti (KU 20275, C. W. Hibbard).

*Microhyla olivacea* (Hallowell)

- BARBER: Wells Ranch (KU 20214, C. W. Hibbard).  
CLARK: Stephenson Ranch (KU 20223-20224, Joe Tihen).  
ELLSWORTH: 3 mi. SE. of Ellsworth (C. E. Burt).  
GEARY: 1 mi. SW. of Junction City (C. E. Burt).  
WILSON: 2 mi. E. of Buffalo (C. E. Burt).

On June 5, 1936, two *Microhyla* were heard calling in a small rain pond on the Wells Ranch in Barber county, but only one of these was located. On June 9, two small specimens were found under a cow chip on a dry hillside in Clark county.

## LIZARDS

*Crotaphytus collaris collaris* (Say)

- DICKINSON: (KU 16206-16215, Smith & Taylor).  
 LYON: 15 mi. SW. of Emporia (KU 20395-20396, D. H. Dunkle).  
 MEADE: 1 mi. W. of State Lake (KU 20234, Joe Tihen).  
 OTTAWA: SW. of Ada (KU 16914-16919, K. U. Herp. Class).

*Holbrookia maculata maculata* (Girard)

- FINNEY: 5 mi. S. of Garden City (KU 17544-17547, H. M. Smith).  
 HARPER: 3 mi. S. of Harper (KU 18532, Joe Tihen).  
 MEADE: 1 mi. W. of State Lake (KU 20235-20236, Joe Tihen).  
 ROOKS: Stockton (KU 20356, Ralph Imler).

*Sceloporus consobrinus consobrinus* (Baird and Girard).

- CLARK: Stephenson Ranch (KU 20227, Joe Tihen).  
 DOUGLAS: 1½ mi. N. of Cameron's Bluff (KU 17300-17303, Leonard & Hibbard;  
 KU 17427-17439, E. H. Taylor and party).  
 MEADE: 1 mi. W. of State Lake (KU 20237-20239, Joe Tihen).  
 NORTON: 4 mi. SE. of Dinsmore (KU 15259-15260, C. W. Hibbard).  
 PRATT: Pratt (KU 14935, E. H. Taylor).  
 ROOKS: Stockton (KU 20355, Ralph Imler).  
 SEWARD: 1 mi. E. of Arkalon (KU 20133, Long & Hastie).

Although this lizard is very common throughout the western and central portions of the state, it was not known to occur in Kansas east of the Flint Hills until four specimens were taken in Douglas county in June, 1933, near the Kaw river on a large sand bar, in parts grown over by willows. The next month a series of this species was taken in the same general vicinity. It was found established in this area, being represented by both adult and young specimens. It probably reached this area by the flood waters of the Kaw.

*Phrynosoma cornutum* (Harlan)

- MEADE: 1 mi. W. of State Lake (KU 20328, C. W. Hibbard).  
 PHILLIPS: 4 mi. S. of Glade (KU 18601-18603, C. A. Campbell).

*Cnemidophorus sexlineatus* (Linné)

- CLARK: Stephenson Ranch (KU 20226, Joe Tihen).  
 FINNEY: 5 mi. S. of Garden City (KU 17588, H. M. Smith).  
 MEADE: 1 mi. W. of State Lake (KU 20322, Joe Tihen).  
 SALINE: Brooksville (KU 17230, H. M. Smith).

*Leiopisma unicolor* (Harlan)

- HARPER: 7 mi. SW. of Norwich (KU 18539, Joe Tihen).  
 JEFFERSON: 10 mi. N. of Lawrence (KU 13930-13933).  
 KINGMAN: 2 mi. N. of Adams (KU 17973, Joe Tihen).  
 LEAVENWORTH: 7 mi. NE. of Lawrence (KU 8691, Henry Burt).  
 LINN: Near La Cygne (KU 13929, E. H. Taylor).

On September 10, 1933, one of these tiny lizards was found under a layer of dry leaves along the bank of the Chikaskia river in Kingman county. On

June 13, 1934, another one was taken under similar conditions near the same river in Harper county.

*Eumeces fasciatus* (Linné)

NESS: Ranson (KU 18417-18418, John Schoepfel).

OSAGE: 4 mi. S. of Carbondale (KU 17231-17236, D. H. Dunkle); 3 mi. S. of Carbondale (KU 18451-18456, D. H. Dunkle).

Two specimens of this lizard were found in Ness county on January 13, 1934, eight feet under the ground.

*Eumeces septentrionalis septentrionalis* (Baird)

COMANCHE: Schwarz Canyon (KU 20330-20331, C. W. Hibbard).

LINN: 5 mi. SE. of Fontant (KU 20360, Preble, Tiemeier, & Leonard).

OSAGE: 4 mi. S. of Carbondale (KU 17095 & 17148, D. H. Dunkle).

On June 7, 1936, two of these lizards were found under small brush piles in Schwarz canyon, Comanche county. These two specimens are apparently intergradations between this form and the southern subspecies, *E. s. obtusirostris* (Bocourt). Their coloration is more nearly that characteristic of *obtusirostris*, but their scale characteristics more closely resemble those of typical *septentrionalis*.

SNAKES

*Leptotyphlops myopica* (Garman)

CLARK: Stephenson Ranch (KU 20206, C. W. Hibbard).

MEADE: 1 mi. W. of State Lake (KU 20207, Kline).

On June 12, 1936, C. W. Hibbard found one of these tiny, rare snakes beneath a rock on a hillside near the proposed Clark county state lake on the Stephenson Ranch. On June 18, Kline, CCC foreman in the Meade county state park, found one in the park territory. Originally reported by Hibbard as *Leptotyphlops dulcis* (Baird and Girard) (Copeia, I. 1937, p. 74).

*Carphophis amoena vermis* (Kennicott)

WYANDOTTE: 3 mi. E. of Bonner Springs (KU 2278, White & Taylor).

*Diadophis punctatus arnyi* (Kennicott)

BUTLER: Whitewater (KU 18020, Woods).

CLARK: Stephenson Ranch (KU 20210, C. W. Hibbard).

GREENWOOD: 8 mi. S. of Eureka (KU 17083-17091, Tihen & Willy).

SUMNER: 3 mi. N. of Oxford (KU 18984, Leonard & Long).

*Heterodon contortrix* (Linné)

GREENWOOD: Near Fall River (KU 18115, Dougan).

*Heterodon nasicus* Baird and Girard

CLARK: Stephenson Ranch (KU 20314, C. W. Hibbard).

COMANCHE: 9 mi. E. of Coldwater (KU 20313, Joe Tihen).

GREELEY: (KU 18059, D. H. Dunkle).

GREENWOOD: 8 mi. SW. of Toronto (KU 20321, C. E. Hibbard).

LOGAN: Vincent Ranch (KU 20304, Joe Tihen).

MEADE: 1 mi. W. of State Lake (KU 20306, C. W. Hibbard).

PHILLIPS: 4 mi. S. of Glade (KU 18930, C. A. Campbell).

*Opheodrys aestivus* (Linné)

GREENWOOD: 4 mi. NE. of Fall River (KU 19264, Paul Hibbard).

WILSON: Near Benedict (KU 18055, C. T. Brandhorst).

*Coluber constrictor flaviventris* (Say)

DONIPHAN: (KU 7389, T. E. White).

JOHNSON: 3 mi. E. of De Soto (KU 17174-17175, W. S. Long).

KINGMAN: 6 mi. SW. of Norwich (KU 18346, Joe Tihen).

OSAGE: 5 mi. NE. of Carbondale (KU 19217, H. M. Smith); 1½ mi. NE. of Carbondale (KU 19713, D. H. Dunkle).

*Masticophis flagellum flavigularis* (Hallowell)

COMANCHE: Schwarz Canyon (KU 20312, C. W. Hibbard).

HAMILTON: 1 mi. E. of Coolidge (KU 20318, Dean Conard).

HARPER: 3½ mi. N. of Harper (KU 19333, Joe Tihen).

*Elaphe obsoleta obsoleta* (Say)

GREENWOOD: 8 mi. SW. of Toronto (KU 17173, C. E. Hibbard); 4 mi. NE. of Fall River (KU 19362, C. W. Hibbard).

SUMNER: 3 mi. N. of Oxford (KU 18886, Leonard & Long).

*Arizona elegans elegans* (Kennicott)

HAMILTON: Near Syracuse (KU 20097, P. D. Evans).

*Pituophis sayi sayi* (Schlegel)

LINCOLN: 4 mi SW. of Sylvan Grove (KU 17497, C. W. Hibbard).

LYON: E. of Allen city limits (KU 19866, C. W. Hibbard).

NORTON: 8 mi. W. of Norton (KU 14154, C. W. Hibbard).

*Lampropeltis calligaster* (Harlan)

CLARK: Stephenson Ranch (KU 20315, Joe Tihen).

A partially digested specimen of a king snake of this species was found in the stomach of a Great Horned Owl (*Bubo virginianus pallescens* Stone) taken one mile east of Coolidge, in Hamilton county, June 30, 1936.

*Lampropeltis getulus holbrooki* (Stejneger)

CHASE: 12 mi. W. of Staffordville (KU 17901, Smith, Leonard, & Hibbard).

GREENWOOD: 9 mi. SW. of Toronto (KU 16289, Hibbard & Dunkle).

JOHNSON: 6 mi. E. of Eudora (KU 17389, W. K. McNown).

*Lampropeltis triangulum sypila* (Cope)

JEFFERSON: (KU 8388, E. H. Taylor).

LEAVENWORTH: 7 mi. N. of Lawrence (KU 3489, D. K. Lahmen).

*Hypsiglena ochrorhynchus* Cope

CLARK: Stephenson Ranch (KU 20208-20209, Hibbard & Tihen).

On June 12, 1936, C. W. Hibbard found two *Hypsiglena*, a male and a female, under rocks on the Stephenson Ranch, in the same vicinity that the *Leptotyphlops* was found. On June 14, an immature specimen was taken about the same place. They were all under rocks near the top of a hill. These are apparently the first specimens of this species to be taken in Kansas.

*Natrix grahamii* (Baird and Girard)

COFFEY: ½ mi. E. of Waverly (KU 19440, Joe Tihen).

*Natrix rhombifera* (Hallowell)

HARPER: 1 mi. N. of Harper (KU 17818, Joe Tihen).

*Natrix sipedon sipedon* (Linné)

HARVEY: 4 mi. SW. of Walton (KU 17986, A. B. Leonard).

POTTAWATOMIE: 2 mi. N. of Westmoreland (KU 17455, K. U. Herp. Class).

SUMNER: 1½ mi. S. of Argonia (KU 19335, Joe Tihen).

*Natrix erythrogaster transversa* (Hallowell)

HARPER: 1 mi. N. of Harper (KU 18342, Joe Tihen).

*Storeria dekayi* (Holbrook)

GREENWOOD: 8 mi. SW. of Toronto (KU 18016, C. W. Hibbard).

KINGMAN: 6 mi. SW. of Norwich (KU 19436, Joe Tihen).

OSAGE: 5 mi. NE. of Carbondale (KU 19221, H. M. Smith).

POTTAWATOMIE: Flush (KU 17097, H. M. Smith).

WILSON: Benedict (KU 18127, W. S. Long).

This species, while fairly common in the eastern part of the state, is seldom found west of the Flint Hills. On June 10, 1934, a single specimen was found in a small brush pile near the Chikaskia river in Kingman county.

*Virginia valeriae elegans* Kennicott

LEAVENWORTH: 20 mi. N. of Lawrence (KU 7344-7345, C. D. Bunker).

*Tropidoclonion lineatum* (Hallowell)

SEDGWICK: Wichita (KU 20329, Sam Tihen).

*Thamnophis marcianus* (Baird and Girard)

SEWARD: 1 mi. E. of Liberal (KU 20264, Joe Tihen).

On June 26, 1936, two specimens of this comparatively rare garter snake were taken around the edges of a lake east of Liberal, but one of these was lost.

*Thamnophis radix* (Baird and Girard)

KINGMAN: 6 mi SW. of Norwich (KU 17918, Joe Tihen).

LOGAN: Vincent Ranch (KU 20311, O. W. Tiemeier).

SHERMAN: 17 mi. SE. of Goodland (KU 20292-20295, Hibbard, Tiemeier, & Tihen).

*Thamnophis sauritus proximus* (Say)

KINGMAN: 6 mi. SW. of Norwich (KU 18006, Joe Tihen).

*Thamnophis sirtalis parietalis* (Say)

CHASE: Elmdale (KU 18442, Burtone Risser).

HARPER: 3 mi. NE. of Danville (KU 20357, Joe Tihen).

*Tantilla gracilis* Baird and Girard

ANDERSON: 4 mi. N. of Garnett (KU 16271-16275, Taylor & Dunkle); Cedar creek (KU 16364-16370, Taylor & Dunkle).

GREENWOOD: 1 mi. S. of Eureka (KU 17069-17082, Tihen & Willy).

*Tantilla nigriceps* Kennicott

NESS: (KU 18415-18416, John Schoeppel).

RUSSEL: Sylvan Grove (KU 17603, C. T. Brandhorst).

The two specimens from Ness county were found eight feet under the ground, on January 13, 1934.

*Agkistrodon mokasen mokasen* (Beauvois)

WILSON: Near Benedict (KU 18045, C. T. Brandhorst).

*Sistrurus catenatus catenatus* (Rafinesque)

ANDERSON: Garnett (KU 19867-19871, T. E. White).

POTTAWATOMIE: 10 mi. NE. of Manhattan (KU 17900, H. M. Smith).

*Crotalus confluentus confluentus* (Say)

SEWARD: (KU 19712, W. S. Long).

*Crotalus horridus* Linné

OSAGE: 5 mi. NE. of Carbondale (KU 19220, D. H. Dunkle; KU 19282, H. M. Smith).

## TURTLES

*Sternotherus odoratus* (Latreille)

GREENWOOD: 1 mi. E. of Climax (KU 17122, Tihen & Willy).

*Kinosternon flavescens* (Agassiz)

HARPER: 1 mi. N. of Harper (KU 18157-18161, Joe Tihen).

LOGAN: 3 mi. S. of Elkader (KU 3753-3754, T. E. White).

PHILLIPS: 4 mi. S. of Glade (KU 19480, C. A. Campbell).

*Chelydra serpentina* (Linné)

CLOUD: (KU 18308, C. W. Hibbard).

COMANCHE: Schwarz Canyon (KU 18384, C. W. Hibbard).

GREENWOOD: 8 mi. SW. of Toronto (KU 18361, C. W. Hibbard; KU 20341, Olin Hibbard).

RAWLINS: 2 mi. NE. of Ludell (KU 20339, Joe Tihen).

SHERMAN: 17 mi. SE. of Goodland (KU 20291, C. W. Hibbard).



*Terrapene ornata* (Agassiz)

- CLARK: Stephenson ranch (KU 20332, Joe Tihen).  
 HARPER: 1 mi. N. of Harper (KU 17218-17219, Sam Tihen).  
 LINCOLN: SW. of Sylvan Grove (KU 17216, W. S. Long).  
 LOGAN: 5 mi. W. of Elkader (KU 3539-3540, T. E. White).  
 PHILLIPS: 4 mi. S. of Glade (KU 19479 & 19481, C. A. Campbell).  
 SEWARD: 1 mi. E. of Arkalon (KU 19337-19338, W. S. Long).

*Terrapene triunguis* (Agassiz)

- BOURBON: 13 mi. S. of Fort Scott (KU 19348, J. D. Black).  
 CRAWFORD: 21 mi. N. of Pittsburg (KU 19340, J. D. Black); Opolis (KU 19351, Ruby Black).

*Chrysemys picta bellii* (Gray)

- CLOUD: W. of Miltonvale (KU 17360, C. W. Hibbard).  
 HARPER: 1 mi. N. of Harper (KU 18162 & 18336, Joe Tihen).  
 KINGMAN: ½ mi. W. of Runnymede (KU 18351-18352, Sam Tihen).  
 LOGAN: Vincent ranch (KU 20335-20338, C. W. Hibbard).  
 OSAGE: 1 mi. S. of Carbondale (KU 17569, D. H. Dunkle).

*Pseudemys troostii* (Holbrook)

- CLARK: Stephenson ranch (KU 20333, Joe Tihen).  
 COMANCHE: Schwarz canyon (KU 18364, C. W. Hibbard).  
 DOUGLAS: Lake View (KU 17356, K. U. Herp. Class).  
 HARPER: 1 mi. N. of Harper (KU 18345, Joe Tihen).

*Amyda spinifera* (Le Sueur)

- HARPER: 1 mi. N. of Harper (KU 18159, Joe Tihen).

## REFERENCES CITED

- BISHOP, S. C., and SCHMIDT, F. J. W. The Painted Turtles of the Genus *Chrysemys*. Field Mus. Nat. Hist., 18:123-139. 1931.  
 BURT, CHARLES E. Some Distributional and Ecological Records of Kansas Reptiles. Trans. Kan. Acad. Sci., 36:186-208. 1933.  
 DUNN, E. R. The Status of *Tropidoclonion lineatum*. Proc. Biol. Soc. Wash., 45:195-198. 1932.  
 ——— Notes on North American Leptodeira. Proc. Nat. Acad. Sci., 22:689-698. 1936.  
 GLOYD, H. K., and CONANT, R. The Broad-banded Copperhead: A New Subspecies of *Agkistrodon mokasen*... Occ. Pap. Mus. Zoo. Univ. of Mich., No. 283. 1934.  
 ORTENBURGER, A. I. The Whip Snakes and Racers. Mem. of the Univ. of Mich. Mus., Vol. I. 1928.  
 PARKER, H. W. A Monograph of the Frogs of the Family Microhylidae. Pub. Brit. Mus. Nat. Hist. 1934.  
 SMITH, HOBART M. On the Proper Name for the Brevicipitid Frog, *Gastrophryne tezensis* (Girard). Copeia, 217. 1933.  
 ——— The Amphibians of Kansas. Amer. Midl. Nat., 15:377-528. 1934.  
 STEJNKEGER, LEONHARD. *Scincus lateralis* Say, Preoccupied. Copeia, 1934:182. 1934.  
 TAYLOR, EDWARD H. A Taxonomic Study of the Cosmopolitan Scincoid Lizards of the Genus *Eumeces*. Univ. of Kan. Sci. Bul., 23 (Whole Series, 33). 1935.