

A List of Amphibia and Reptiles of Chase and Lyon Counties, Kansas

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The following list is not complete, but it seems desirable to place it on record at this time because there are practically no herpetological field data available from this area.

The terrain considered of these two counties varies considerably, ranging from Flint Hills prairie through flood plains to wooded hills. The Flint Hills occupy most of Chase county and extend into the southwest and northwest corners of Lyon county. The wooded hills are in the northeast part of Lyon and are for the most part in the Osage watershed. In central Lyon county and northern Chase county lie the flood plains of the Neosho and Cottonwood rivers, which join in east central Lyon. A small section to the extreme south of the area belongs to the Verdigris watershed.

The Flint Hills are devoted almost exclusively to grazing. The flood plains are farmed intensively. Northern Lyon county has general farms and many large pastures.

Except in the flood plains there are many springs, from which small streams make their way through rocky gullies. It is among these that the most successful collecting has been done.

Forty-four species and subspecies have been taken. Unless otherwise specified, each form has been found in both counties.

AMPHIBIA

1. *Necturus maculosus maculosus* (Refinesque), Mud puppy, rare since 1934 drought.
2. *Ambystoma taxanum* (Matthes), Texas salamander, Lyon, fairly common.
3. *Ambystoma tigrinum* (Green), Tiger salamander, Lyon, occasional.
4. *Bufo americanus americanus* Holbrook, American toad, fairly common.
5. *Acris gryllus* (Le Conte), Cricket frog, abundant.
6. *Pseudacris triseriata* (Wied), swamp cricket frog, Lyon, common.
7. *Rana catesbeiana* Shaw, Bullfrog, common.
8. *Rana pipiens* Schreber, Leopard frog, common.
9. *Microhyla olivacea* (Girard), Narrow-mouth frog, Lyon, only one specimen.
10. *Bufo woodhousii woodhousii* (Girard), Rocky Mountain toad, occasional.

LIZARDS

1. *Crotaphytus collaris collaris* (Say), Collared lizard, abundant in Chase, rare in Lyon except southwest corner.
2. *Holbrookia maculata maculata* (Girard), Spotted lizard, common in Chase and southwestern Lyon.
3. *Phrynosoma cornutum* (Harlan), Horned "toad," common in Chase and southwestern Lyon.
4. *Ophisarurus ventralis* (Linné), Glass "snake," Lyon, 4 specimens.
5. *Cnemidophorus sexlineatus* (Linné), Six-lined race-runner, Lyon, 1 specimen.

6. *Leiolopisma laterale* (Say), Ground lizard, Lyon, 1 specimen.
7. *Eumeces fasciatus* (Linne), Blue-tailed skink, scorpion, fairly common.
8. *Eumeces obsoletus* (Baird and Girard), Sonoran skink, common in Chase and southwestern Lyon.
9. *Eumeces septentrionalis septentrionalis* (Baird), Northern skink, Chase, 3.

SNAKES

1. *Carphophis amoena vermis* (Kennicott), Worm snake, Lyon, common.
2. *Diadophis punctatus arnyi* (Kennicott), Ring-neck snake, common in Lyon, occasional in Chase.
3. *Coluber constrictor faviventris* (Say), Blue racer, abundant.
4. *Elaphe laeta* (Baird and Girard), Rat snake, Chase, fairly common.
5. *Elaphe obsoleta obsoleta* (Say), Pilot black snake, Lyon, fairly common.
6. *Pituophis sayi sayi* (Schlegel), Bull snake, common.
7. *Lampropeltis calligaster* (Harlan), Blotched king snake, 2 specimens from Chase, fairly common in Lyon.
8. *Lampropeltis getulus holbrooki* (Stejneger), Speckled king snake, salt-and-pepper snake, 5 specimens from Chase, 2 from Lyon.
9. *Lampropeltis triangulum gentilis* (Baird and Girard), Red king snake, milk snake, Chase, 4 specimens.
10. *Natrix grahamii* (Baird and Girard), Graham's water snake, Lyon, occasional.
11. *Natrix rhombifera* (Hallowell), Diamond-black water snake, Lyon, fairly common.
12. *Natrix sipedon sipedon* (Linne), Common water snake, abundant.
13. *Natrix transversa* (Hallowell), Blotched water snake, abundant.
14. *Tropidoclonion lineatum* (Hallowell), Lined snake, 2 specimens from Chase, common in Lyon.
15. *Thamnophis radix* (Baird and Girard), Plains garter snake, 1 specimen from Chase, fairly common in Lyon.
16. *Thamnophis sauritis proximus* (Say), Ribbon snake, Lyon, fairly common.
17. *Thamnophis sirtalis parietalis* (Say), Red-barred garter snake, abundant.
18. *Tantilla gracilis* (Baird and Girard) Miter snake, Chase, fairly common.
19. *Agkistrodon mokasen* Beauvois, Copperhead, Lyon, 2 specimens.
20. *Sistrurus cantenatus edwardsii*; (Baird and Girard), Massassauga, common in Chase and southwestern Lyon.

TURTLES

1. *Chelydra serpentina* (Linne), Snapping turtle, common.
2. *Terrapene ornata* (Agassiz), Box turtle, common.
3. *Chrysemys bellii bellii* (Gray), Bell's turtle, occasional.
4. *Pseudemys elegans* (Wied), Cumberland terrapin, Lyon, occasional.
5. *Amyda spinifera* (Le Sueur), Spiny soft-shelled turtle, occasional.