

Habitat Model for Species: Great Plains Rat Snake

Elaphe guttata emoryi

[Distribution Map](#)
[Habitat Map](#)

Landcover Category

0 - Comments

Collins, 1993

Burt and Hoyle, 1935

Gloyd, 1928

Gloyd, 1932

Brumwell, 1951

Burt, 1927

[#Reviewer]

[#Reviewer2]

Habitat Restrictions

Comments

"rocky hillsides (not mappable to landcover) and canyons in western KS"

A specimen was secured in a gypsum cave in Comanche County (p 207). Distribution information included.

Rocky hills with sunny slopes and sparse woodland growth represent the type of habitat in which this species was most frequently collected (p 123).

One small individual was obtained...beneath a stone in open woods (p 404).

Only two specimens were collected, one from a willow tree (p 205).

It is a native of the prairie and usually occurs on hillsides or hilltops (p 5).

Fitch: Colony in NE Douglas Co. Activity centered around an abandoned barnyard, sloping to S, at foot of Cuesta. Scrubby woodland on slope to N, cultivated fields in Kaw valley to the S.

Platt: Open prairie or cultivated land would be very marginal habitat.

05 - Ash-Elm-Hackberry Floodplain Forest

Busby and Parmelee, 1996

07 - Mixed Oak Floodplain Forest

Heinrich and Kaufman, 1985

Most sightings were in forest edge habitat, although some were found in shrubby and grassy areas.

08 - Bur Oak Floodplain Woodland

Collins, 1993

Heinrich and Kaufman, 1985

"rocky areas in open woods ...avoiding heavily forested regions"

Most sightings were in forest edge habitat, although some were found in shrubby and grassy areas.

09 - Mixed Oak Ravine Woodland

Collins, 1993

Heinrich and Kaufman, 1985

"rocky areas in open woods ...avoiding heavily forested regions"

Most sightings were in forest edge habitat, although some were found in shrubby and grassy areas.

Busby and Parmelee, 1996

[#Reviewer2]

Platt: Caught in Chase Co.

10 - Post Oak-Blackjack Oak Woodland

Collins, 1993

"rocky areas in open woods ...avoiding heavily forested regions"

11 - Cottonwood Floodplain Woodland

[#Reviewer]

Distler: Rarely observed along riparian woodland In sw Sedgwick County (Field Station), one specimen in 1998.

17 - Tallgrass Prairie

Clarke, 1958

Heinrich and Kaufman, 1985

Associated with buckbrush-sumac shrubs

Most sightings were in forest edge habitat, although some were found in shrubby and grassy areas.

Busby and Parmelee, 1996

22 - Mixed Prairie

[#Reviewer]

Busby: Occurs mainly in herbaceous habitats, not in wooded habitats.

25 - Shortgrass Prairie

[#Reviewer]

Busby: Occurs mainly in herbaceous habitats, not in wooded habitats.

37 - Winterfat - Blue Grama Prairie - not mapped

[#Reviewer]

Busby: Occurs mainly in herbaceous habitats, not in wooded habitats.

40 - Non-native Grassland

Busby and Parmelee, 1996

43 - Rock Outcrop/Bluff/Cliff - not mapped

Collins, 1993

"rocky hillsides (not mappable to landcover) and canyons in western KS"

55 - Deciduous Woodland

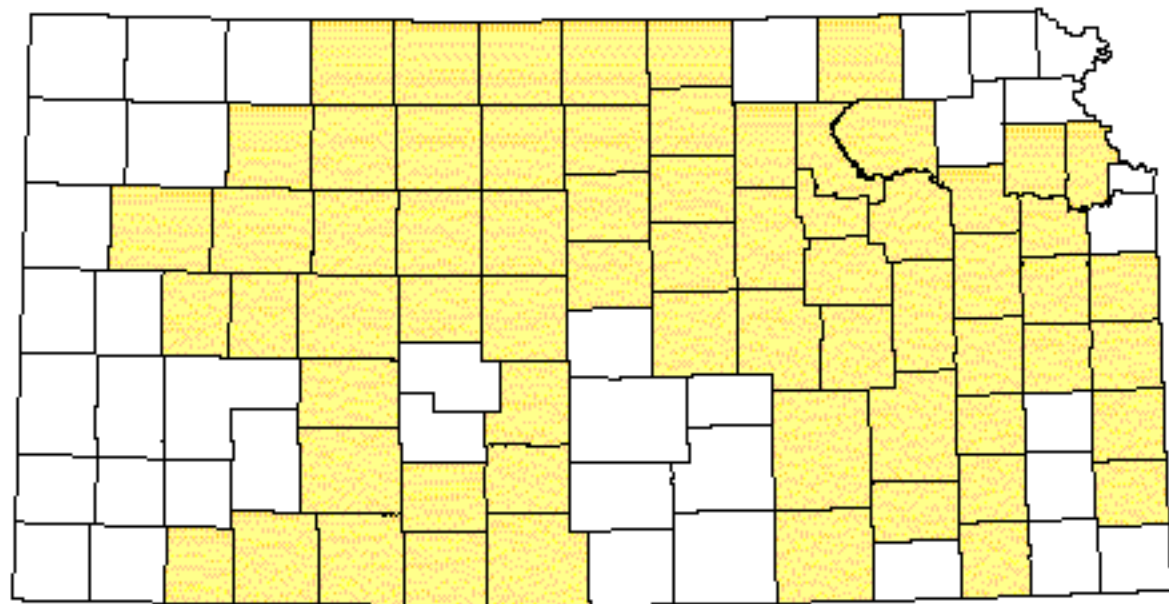
Collins, 1993


"rocky areas in open woods ...avoiding heavily forested regions"

Reference List

1. Brumwell, M. J. 1951. An ecological survey of Fort Leavenworth Military Reservation. *American Midland Naturalist* 45(1):187-231.
2. Burt, C. E. 1927. An annotated list of the amphibians and reptiles of Riley County, Kansas. *Occasional Papers of the Museum of Zoology, University of Michigan* 189:1-9.
3. Burt, C. E. and W. L. Hoyle. 1935. Additional records of the reptiles of the central prairie region of the United States. *Transactions of the Kansas Academy of Science* 37:193-216.
4. Busby, W. H. and J. R. Parmelee. 1996. Historical changes in a herpetofaunal assemblage in the Flint Hills of Kansas. *American Midland Naturalist* 135(1):81-91.
5. Clarke, R. F. 1958. An ecological study of the reptiles and amphibians in Osage County, Kansas. *Emporia State Research Studies, Kansas State Teachers College* 7(1):1-52.
6. Collins, J. T. 1993. *Amphibians and reptiles in Kansas*. University Press of Kansas, Lawrence, Kansas, USA.
7. Gloyd, H. K. 1928. The amphibians and reptiles of Franklin County, Kansas. *Transactions of the Kansas Academy of Science* 31:115-141.
8. _____. 1932. The herpetological fauna of the Pigeon Lake Region, Miami County, Kansas. *Papers of the Michigan Academy of Science Arts and Letters* 15:389-408.
9. Heinrich, M. and D. W. Kaufman. 1985. Herpetofauna of the Konza Prairie Research Natural Area, Kansas. *Prairie Naturalist* 17(2):101-112.

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 Range from Collins, 1993

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