Habitat Model for Species: Spotted Ground Squirrel

Spermophilus spilosoma

Distribution Map Habitat Map

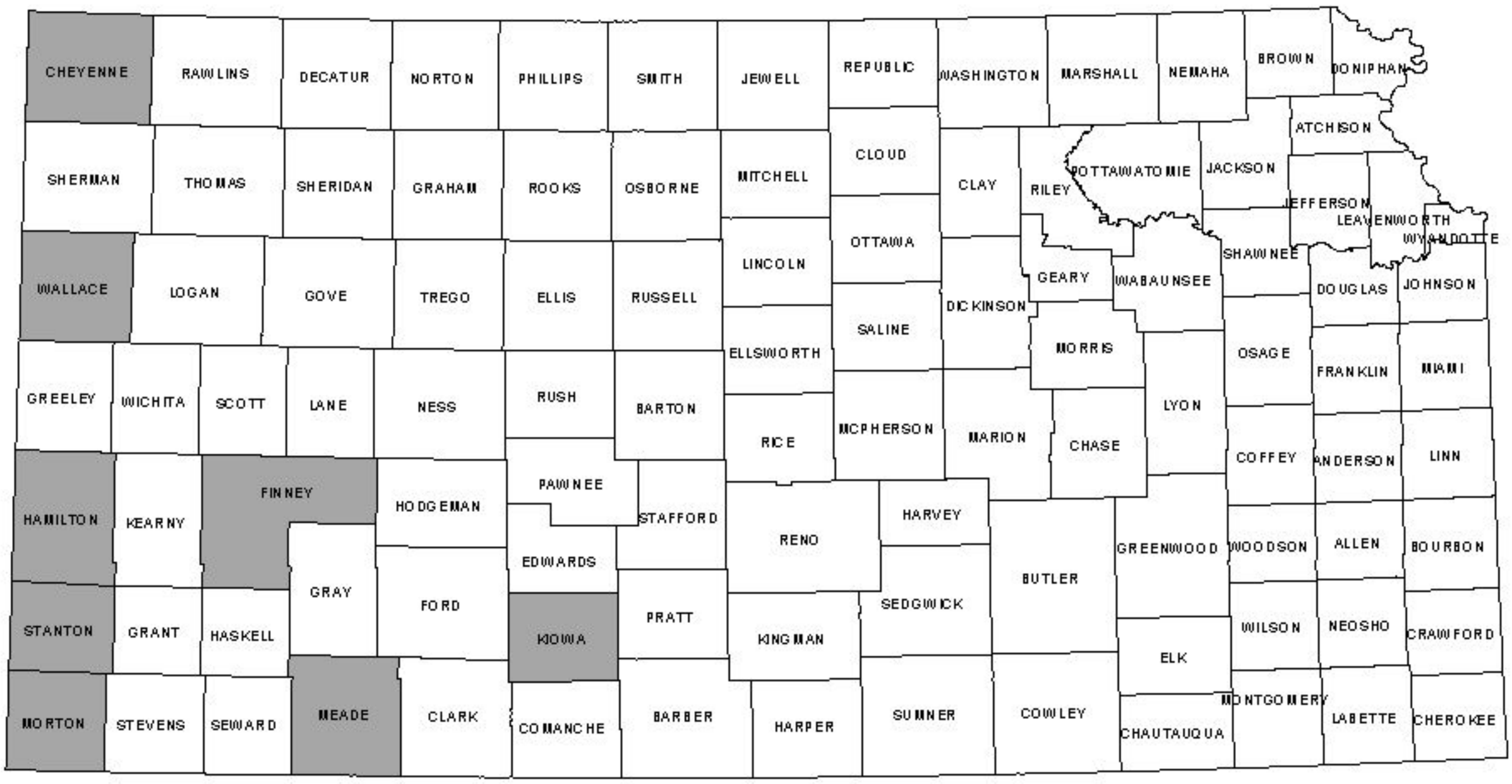
Landcover Category

0 - Comments	Habitat Restrictions	Comments
[#Reviewer]		Busby : Add Stanton Co.
12 - Sandsage Shrubland		
Fleharty and Navo, 1983		
Garner, 1974		
McCulloch, 1962		captured on ungrazed and grazed sand sagebrush grassland but more common on grazed areas; SUBOPTIMAL to MARGINAL habitat
Streubel and Fitzgerald, 1978		association chosen from general habitat descriptions in Mammalian Species account
18 - Sand Prairie		
Root et al., 1999		
22 - Mixed Prairie		
Streubel and Fitzgerald, 1978		association chosen from general habitat descriptions in Mammalian Species account
Best et al., 1993		
25 - Shortgrass Prairie		
Lemen and Rosenzweig, 1978		
Walker, 1978		species captured in sandy soils areas adjacent to Republican River
44 - Cultivated Land		
Fleharty and Navo, 1983		cornfields should be considered MARGINAL for species
Jones and Loomis, 1953		crop was wheat, soil was sandy, habitat should be considered at least SUBOPTIMAL
Rinker, 1942		crop was wheat, one female and young plowed up - observation shows reproduction in this habitat
60 - Mixed Prairie-Disturbed Land		
Fleharty and Navo, 1983		

Reference List

1. Best, T. L., M. P. Skupski, and R. A. Smartt. 1993. Food habits of sympatric rodents in the shinnery oak-mesquite grasslands of southeastern New Mexico. The Southwestern Naturalist 38:224-235.
2. Fleharty, E. D. and K. W. Navo. 1983. Irrigated cornfields as habitat for small mammals in the sandsage prairie region of western Kansas. Journal of Mammalogy 64:367-379.
3. Garner, H. W. 1974. Population dynamics, reproduction, and activities of the kangaroo rat, Dipodomys ordii, in western Texas. Graduate Studies, Texas Tech University 7:1-28.
4. Jones, J. K., Jr. and R. B. Loomis. 1953. Additional records of the spotted ground squirrel and black-footed ferret in Kansas. Transactions of the Kansas Academy of Science 56:107.
5. Lemen, C. A. and M. L. Rosenzweig. 1978. Microhabitat selection in two species of heteromyid rodents. Oecologia (Berlin) 33:127-135.
6. McCulloch, C. Y., Jr. 1962. Population and range effects of rodents on the sand sagebrush grasslands of western Oklahoma. Oklahoma State University Publication, Arts and Sciences Studies, Biological Studies Series 59 (11):1-112.
7. Rinker, G. C. 1942. Litter records of some mammals of Meade County, Kansas. Transactions of the Kansas Academy of Science 45:376-378.
8. Root, J. J., E. E. Jorgensen, and S. Demarais. 1999. Effects of a habitat boundary on small mammals associated with the White Sands dune complex. The Southwestern Naturalist 44:193-198.
9. Streubel, D. P. and J. P. Fitzgerald. 1978. Spermophilus spilosoma. Mammalian Species 101:1-4.
10. Walker, J. R. 1978. The mammals (exclusive of the bats) of Cheyenne County, Kansas. Transactions of the Kansas Academy of Science 81:185-229.

Spotted Ground Squirrel



Recorded presence

No records

Recorded distribution include specimen records and observations collected during 1941-2000 from University of Kansas Museum of Natural History, Sternberg Museum of Natural History, a large to mid-sized mammal survey conducted by regional biologists and conservation officers from the Kansas Department of Wildlife and Parks, and personal observations from professional mammalogists.

Habitats

Habitat Map

Spotted Ground Squirrel