

Habitat Model for Species: Great Plains Skink

Eumeces obsoletus

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

Landcover Category

0 - Comments

Habitat Restrictions

Webb, 1970

Clarke, 1965

Gier, 1967

Hall, 1971

Fitch, 1955

Burt and Hoyle, 1935
Gloyd, 1928

Hall and Smith, 1947
Brumwell, 1951

Burt, 1927

Burt, 1929

Fitch, 1958

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02 - Oak-Hickory Forest

Clarke, 1958

04 - Pecan Floodplain Forest

Fitch, 1955

05 - Ash-Elm-Hackberry Floodplain Forest

Platt, 1998

Fitch, 1955

Busby and Parmelee, 1996

06 - Cottonwood Floodplain Forest

Gier, 1967

07 - Mixed Oak Floodplain Forest

Heinrich and Kaufman, 1985

Comments

Paper 1300 contains no specific habitat associations for the Great Plains skink.

Found on grassy prairie hillsides where it finds protection among rocks. May be found in forested areas, but usually not far from open clearings. Rocks appear to be necessary for its habitat, but it may be found under trash and occasionally under logs.

Paper 1530 states that the Sonoran skink (Great Plains skink) are found in the rocky breaks. There are no alliances that match the vegetation types listed (sumac, plum, and dogwood).

"The herbaceous veg. was maintained by continuous disturbance from grazing, bulldozing, and application of herbicides." None of the vegetation alliances matched the vegetation - contained Helianthus, Verbena, Verbascum, Celtis, Maclura, Ulmus, Morus.

Paper mentions Great Plains skinks in disturbed or heavily grazed woodlands. Also in woodlands near a stone fence or other rocky areas.

distribution only

Paper states that Great Plains skins are found under stones in more or less open situations, exposed prairie hillsides, or sparsely wooded pasture land.

distribution only

"One of the few found was in the prairie under a flat rock. The others were in the open woods near the edge of the forest." Due to the limited number of specimens and lack of plant species listed in the associations, no alliance was selected.

The Great Plains skink "inhabits open rocky hillsides and is most often found under large flat rocks" (pg. 4).

Paper 650 contains information on distribution only, no habitat information is provided.

This paper presents research from the same location as paper 200. This paper mentions that Great Plains skinks are found in open grassy areas with large flat rocks. Additionally, the paper mentions habitat loss due to encroachment of woody vegetation.

Rundquist: common in the early 80's 1981-85 but not seen since. Observed only around rock rubble near Headquarters building at extreme nw corner of station. (Fescue only vegetation around sites.)

Abundant. Found at all three limestone outcrops (grass, shrub, and forest), most commonly associated with gallery forest.

08 - Bur Oak Floodplain Woodland

Heinrich and Kaufman, 1985

Abundant. Found at all three limestone outcrops (grass, shrub, and forest), most commonly associated with gallery forest.

09 - Mixed Oak Ravine Woodland

Fitch, 1955

Clarke, 1958

Heinrich and Kaufman, 1985

Abundant. Found at all three limestone outcrops (grass, shrub, and forest), most commonly associated with gallery forest.

Busby and Parmelee, 1996

11 - Cottonwood Floodplain Woodland

Busby and Parmelee, 1996

edge

12 - Sandsage Shrubland

Royal, 1982

14 - Willow Shrubland

Royal, 1982

17 - Tallgrass Prairie

Fitch, 1955

Clarke, 1958

Dice, 1923

Heinrich and Kaufman, 1985

Abundant. Found at all three limestone outcrops (grass, shrub, and forest), most commonly associated with gallery forest.

Busby and Parmelee, 1996

22 - Mixed Prairie

Royal, 1982

25 - Shortgrass Prairie

Royal, 1982

40 - Non-native Grassland

Busby and Parmelee, 1996

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found in riparian zone

Fitch: Formerly abundant at edge of a pasture of brome and bluegrass in an area with many flat limestone rocks. It dwindled and disappeared as forest invaded.

43 - Rock Outcrop/Bluff/Cliff - not mapped

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Rundquist: add

44 - Cultivated Land

Platt, 1998

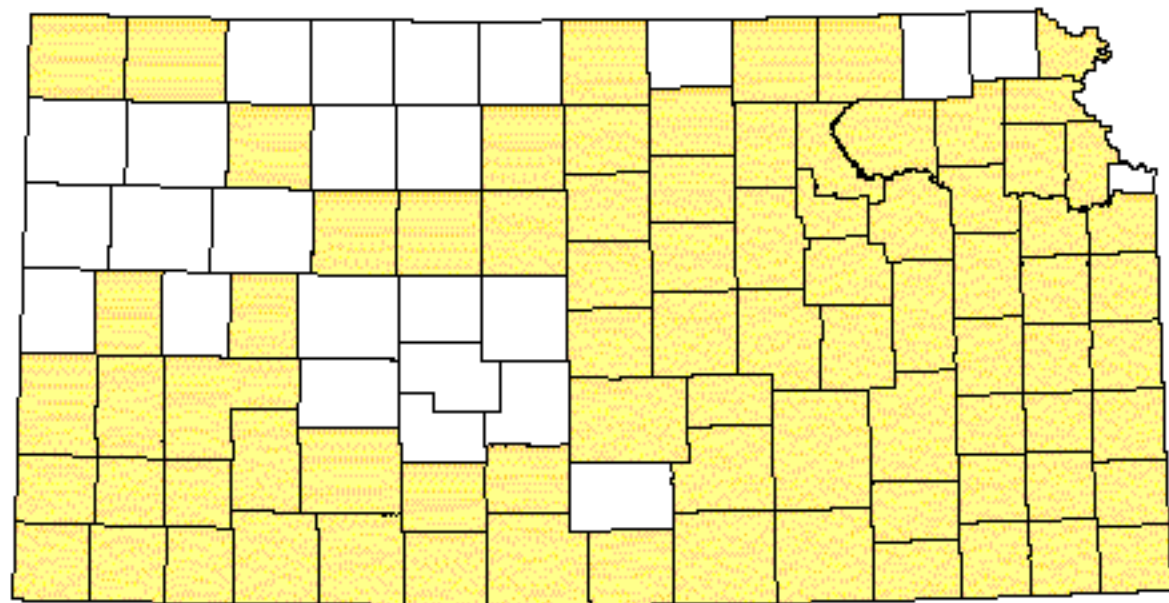
Highest capture rate was in fencerows between wheat fields (from Platt review).


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Great Plains Skink



 Range from Collins, 1993

Great Plains Skink

