

Habitat Model for Species: **Woodhouse's Toad**

Bufo woodhousii

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

Landcover Category

0 - Comments

Collins, 1993
Clarke et al., 1958

Flowers and Graves, 1995

Burt, 1927

Marr, 1944

Taggart, 1997
Flowers and Graves, 1994

Fitch, 1958

[#Reviewer]

Habitat Restrictions

Comments

Floodplains of larger streams and rivers.
Lyon Co., Kansas Common in open grassy areas and urban situations.

Collected from and primarily breed in temporary pools in floodplains, including prairie pothole marshes, drainage and irrigation ditches, flooded ag. fields, shallow wetlands and lake margins. Searched for above terms in HABITAT category. Study in SD.

Study in Riley Co., KS. Often found in gardens, orchards, and seen on highways after rain.

Study in OK, KS, and NE. Collected in towns. Common under streetlights on hot nights.

Collected from and primarily breed in temporary pools in floodplains, including prairie pothole marshes, drainage and irrigation ditches, flooded ag. fields, shallow wetlands and lake margins. Searched for above terms in HABITAT category. Study in SD.

Study on Natural History Reservation, Douglas Co., KS. On reservation seen only in grossly disturbed areas, e.g. along the road or near the lawn. Fitch review: It disappeared from these areas as succession progressed, with more trees and more shading.

Platt: This species can turn up in almost any habitat, but less commonly today.

Distler: precipitous decline in numbers on Sedgwick Field Station in 13 years.

Study on Ft. Leavenworth Military Reservation, KS. Selected based on "Quercus" and "Carya" in Dominant Vegetation and presence in study area.

02 - Oak-Hickory Forest

Brumwell, 1951

04 - Pecan Floodplain Forest

Collins, 1993

05 - Ash-Elm-Hackberry Floodplain Forest

Collins, 1993
Dice, 1923

Study in Riley Co., KS. Selected based on "Ulmus" or "Quercus" in Dom. Veg. and "Populus" in Dom. Veg. or Other Veg. Species described as using valley forest

06 - Cottonwood Floodplain Forest

Collins, 1993

07 - Mixed Oak Floodplain Forest

Collins, 1993
Brumwell, 1951

Study on Ft. Leavenworth Military Reservation, KS. Selected based on "Quercus" and "Carya" in Dominant Vegetation and presence in study area.

Heinrich and Kaufman, 1985

08 - Bur Oak Floodplain Woodland

Collins, 1993
Heinrich and Kaufman, 1985

09 - Mixed Oak Ravine Woodland

Heinrich and Kaufman, 1985

11 - Cottonwood Floodplain Woodland

Collins, 1993
Bragg and Brooks, 1958
Underhill, 1960

Smith and Bragg, 1949

Dice, 1923

Timken and Dunlap, 1965

Royal, 1982

Busby and Parmelee, 1996 edge
[#Reviewer]

12 - Sandsage Shrubland

Royal, 1982

Royal, 1982

14 - Willow Shrubland

Collins, 1993
Bragg and Brooks, 1958
Underhill, 1960

Taggart, 1997
Timken and Dunlap, 1965

15 - Buttonbush (Swamp) Shrubland

Collins, 1993

17 - Tallgrass Prairie

Collins, 1993
Underhill, 1960

Marr, 1944

Smith and Bragg, 1949

Timken and Dunlap, 1965

Heinrich and Kaufman, 1985

Busby and Parmelee, 1996

18 - Sand Prairie

Underhill, 1960

Marr, 1944

Timken and Dunlap, 1965

Royal, 1982

[#Reviewer]

19 - Sandstone Prairie - not mapped

Marr, 1944

Study in SD. Selected based on "floodplain" in the Habitat section and "sand" or "sandy" in Soil section.

Study in OK. Selected based on "lower" in the Habitat section and "sand" or "sandy" in the Soil section.

Study in Riley Co., KS. Selected based on "Ulmus" or "Quercus" in Dom. Veg. and "Populus" in Dom. Veg. or Other Veg. Species described as using valley forest

Study in SD. Selected based on "floodplain" in the Habitat section and "sand" or "sandy" in Soil section.

Study in Finney Co., KS. Selected base on "Populus" and "Tamarix" or "Salix" in the Dominant Vegetation and presence of calcareous, loamy, or sandy soils.

Distler: Ninescah River sandy floodplain

Study in Finney Co., KS. Selected base on "Artemisia" and "Bouteloua" in the Dominant Vegetation.

Study in Finney Co., KS. Selected base on "Artemisia" in the Dominant Vegetation and "Bouteloua" in the Other Vegetation and presence in study area.

Study in SD. Selected based on "floodplain" in the Habitat section and "sand" or "sandy" in Soil section.

Study in SD. Selected based on "floodplain" in the Habitat section and "sand" or "sandy" in Soil section.

Study in SD. Selected based on "floodplain" in the Habitat section and "sand" or "sandy" in Soil section.

Study in OK, KS, NE. Selected based on "grassland" in the Habitat section. Because this toad is widely distributed, felt justified using such a broad descriptor.

Study in OK. Selected based on "lower" in the Habitat section and "sand" or "sandy" in the Soil section.

Study in SD. Selected based on "floodplain" in the Habitat section and "sand" or "sandy" in Soil section.

Study on Konza Prairie, Riley and Geary Counties, KS. Selected based on "tallgrass" in the Habitat section and occurrence of habitat in the study area.

Study in SD. Selected based on "floodplain" in the Habitat section and "sand" or "sandy" in Soil section.

Study in OK, KS, NE. Selected based on "grassland" in the Habitat section. Because this toad is widely distributed, felt justified using such a broad descriptor.

Study in SD. Selected based on "floodplain" in the Habitat section and "sand" or "sandy" in Soil section.

Study in Finney Co., KS. Selected base on "Artemisia" and "Sporobolus" or "Calamovilfa" in the Dominant

Distler: Ninescah River sandy floodplain

Study in OK, KS, NE. Selected based on "grassland" in the Habitat section. Because this toad is widely distributed, felt justified using such a broad descriptor.

20 - Western Wheatgrass Prairie

Marr, 1944

Van Doren and Schmidt, 2000

Study in OK, KS, NE. Selected based on "grassland" in the Habitat section. Because this toad is widely distributed, felt justified using such a broad descriptor.

Study in Pawnee Co., KS. Selected based on "mixed grass prairie" in the Habitat section and presence in study area. The description included portions of prairie that were under going restoration so disturbed habitats were

22 - Mixed Prairie

Marr, 1944

Van Doren and Schmidt, 2000

Study in OK, KS, NE. Selected based on "grassland" in the Habitat section. Because this toad is widely distributed, felt justified using such a broad descriptor.

Study in Pawnee Co., KS. Selected based on "mixed grass prairie" in the Habitat section and presence in study area. The description included portions of prairie that were under going restoration so disturbed habitats were

Distler: Ninnescah River sandy floodplain

24 - Alkali Sacaton Prairie

Marr, 1944

Van Doren and Schmidt, 2000

Study in OK, KS, NE. Selected based on "grassland" in the Habitat section. Because this toad is widely distributed, felt justified using such a broad descriptor.

Study in Pawnee Co., KS. Selected based on "mixed grass prairie" in the Habitat section and presence in study area. The description included portions of prairie that were under going restoration so disturbed habitats were

25 - Shortgrass Prairie

Marr, 1944

Study in OK, KS, NE. Selected based on "grassland" in the Habitat section. Because this toad is widely distributed, felt justified using such a broad descriptor.

29 - Playa Lake

Taggart, 1997

30 - Low or Wet Prairie

Collins, 1993

Underhill, 1960

Timken and Dunlap, 1965

Study in SD. Selected based on "floodplain" in the Habitat section and "sand" or "sandy" in Soil section.

Study in SD. Selected based on "floodplain" in the Habitat section and "sand" or "sandy" in Soil section.

31 - Freshwater Marsh

[#Reviewer]

Platt: add

33 - Cattail Marsh

Flowers and Graves, 1995

Flowers and Graves, 1994

[#Reviewer]

Distler: observed on Sedgwick Field Station.

36 - Cottonwood Savanna - not mapped

Collins, 1993

Bragg and Brooks, 1958

Underhill, 1960

Timken and Dunlap, 1965

Study in SD. Selected based on "floodplain" in the Habitat section and "sand" or "sandy" in Soil section.

Study in SD. Selected based on "floodplain" in the Habitat section and "sand" or "sandy" in Soil section.

37 - Winterfat - Blue Grama Prairie - not mapped

Marr, 1944

Study in OK, KS, NE. Selected based on "grassland" in the Habitat section. Because this toad is widely distributed, felt justified using such a broad descriptor.

39 - Pondweed Aquatic Wetland - not mapped

Flowers and Graves, 1995

Flowers and Graves, 1994

40 - Non-native Grassland

Bragg and Brooks, 1958
Fitch, 1958

Busby and Parmelee, 1996 found within river-bottom

41 - CRP

[#Reviewer]

44 - Cultivated Land

Bragg and Brooks, 1958
Burt, 1927

Fitch, 1958

51 - Maple Floodplain Forest

Collins, 1993

60 - Mixed Prairie-Disturbed Land

Van Doren and Schmidt, 2000

70 - Weedy Marsh

[#Reviewer]

71 - Weedy Upland

Burt, 1927

Fitch, 1958

Van Doren and Schmidt, 2000

81 - Urban Areas

[#Reviewer]

82 - Water (Lake)

Underhill, 1960

Sullivan, 1982

Timken and Dunlap, 1965
Fitch, 1958

Heinrich and Kaufman, 1985

82 - Water (River)

Bragg and Brooks, 1958
Sullivan, 1982

Timken and Dunlap, 1965
Heinrich and Kaufman, 1985

90 - Riverine Sand Flats and Bars - not mapped

Taggart, 1997

Study on Natural History Reservation, Douglas Co., KS. Toads numerous on adjacent grazed pasture and cultivated fields. Selected based on "pasture" in Habitat

Platt: add based on occurrence in other grasslands.

Study Riley Co., KS. Selected based on "field" in the Habitat section.

Study on Natural History Reservation, Douglas Co., KS. Toads numerous on adjacent grazed pasture and cultivated fields. Selected based on "agricultural" in

Study in Pawnee Co., KS. Selected based on "mixed grass prairie" in the Habitat section and presence in study area. The description included portions of prairie that were under going restoration so disturbed habitats were

Platt: add. Distler: observed on Sedgwick Field Station.

Study Riley Co., KS. Selected based on "field" in the Habitat section.

Study on Natural History Reservation, Douglas Co., KS. Toads numerous on adjacent grazed pasture and cultivated fields. Selected based on "pasture" in Habitat

Study in Pawnee Co., KS. Selected based on "mixed grass prairie" in the Habitat section and presence in study area. The description included portions of prairie that were under going restoration so disturbed habitats were

Platt: They have, at least in part, been found in residential areas and city parks. May be reduced in numbers now. I have not seen one at my residence for a number of years.

Study in SD. Early breeders tended to breed in small shallow ponds, while those breeding later in the season, chose larger ponds and ox-bow lakes.

Study in AZ. Found in association with permanent bodies of water.

Study in SD. Breed in a variety of aquatic situations. Study on Natural History Reservation, Douglas Co., KS. Seen at the pond on reservation.

Study on Konza Prairie, Riley and Geary Counties, KS. Observed near streams and ponds.

Study in AZ. Found in association with permanent bodies of water.

Study in SD. Breed in a variety of aquatic situations. Study on Konza Prairie, Riley and Geary Counties, KS. Observed near streams and ponds.

Wallace, Logan, Wichita, Greeley, and Hamilton counties, KS. Species occurred with Bufo debilis in large pools. Terms used to select habitat based on description of pools. Selected from "Xanthium" or "Polygonum" in Dom. Veg. and occurrence in study area.

91 - Ozark Sandstone Glade / Prairie - not mapped

Clarke et al., 1958

Lyon Co., Kansas Common in open grassy areas and urban situations. Selected based on "open" and "grass" in Habitat section.

92 - Ozark Limestone Glade - not mapped

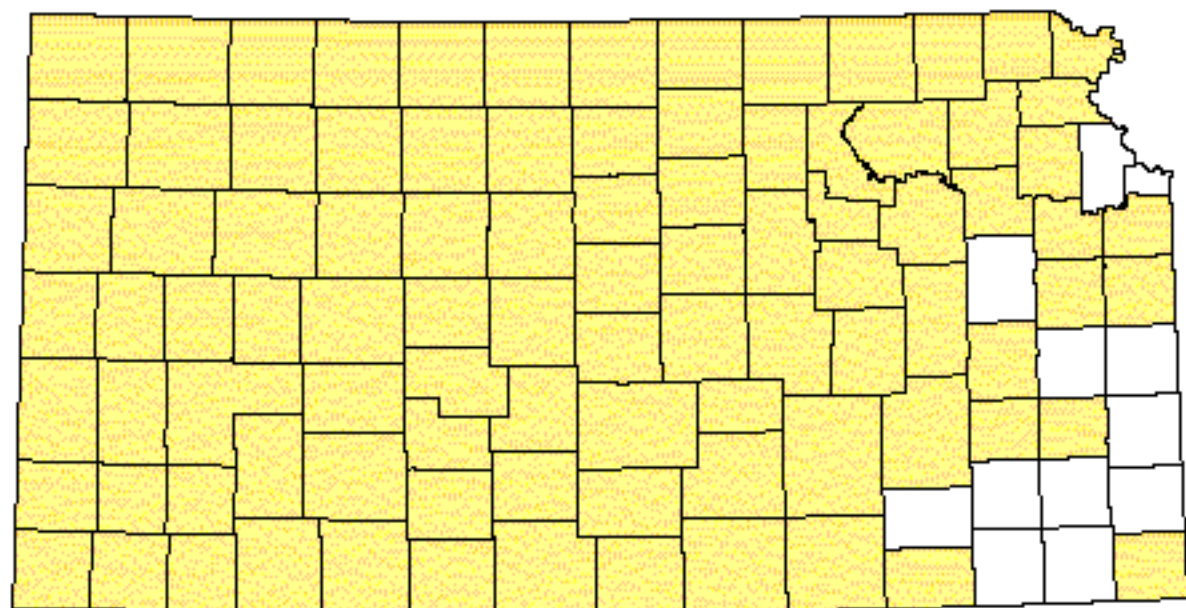
Clarke et al., 1958


Lyon Co., Kansas Common in open grassy areas and urban situations. Selected based on "open" and "grass" in Habitat section.

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Woodhouse's Toad



 Range from Collins, 1993

Woodhouse's Toad

