

Habitat Model for Species: Eastern American Toad

Bufo americanus americanus

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

Landcover Category

0 - Comments

Clarke et al., 1958

Brumwell, 1951

[#KS GAP]

Habitat Restrictions

Map upland forested (01, 02, 03, 09, 10, 55) habitats and habitats 17, 40, 44 if within 800 m of open water (82). Map wetland habitats (15, 30, 31, 32, and 33) if adjacent to forested floodplains (05, 06, 07, 08, and 11).

Comments

Lyon Co., Kansas Only occurred occasionally, found in wooded areas, urban situations, and gardens.

Species most numerous in prairie and open woodlands, but found throughout the entire reservation. Did not breed in MO river, but did in adjacent ponds.

01 - Maple-Basswood Forest

Clarke et al., 1958

Gloyd, 1932

Fitch, 1956

Oldham, 1966

Habitat needs to be 25-520 yards from breeding habitat (large pools or rivers)

Brumwell, 1951

Fitch, 1958

Breeding habitat located within .5 mi. of studied individuals.

[#KS GAP]

Map within 800 m of water.

Lyon Co., Kansas. Alliance based on HABITAT term (woodland) and species range in KS.

Miami Co., KS. Alliance selected based on Dominant and Other Vegetation (Quercus, Carya, Ulmus, Juglans).

Study Douglas, Co. Based on terms (woodland or wooded floodplain) in Habitat category and presence in study area. Toads found in damp soil in thick woods. Bred in permanent ponds, pools in a diversion ditch, and a small creek draining from the pond.

Study in London, Ontario, Canada. Alliance selection based on terms (woodland) in HABITAT category and range of species in Kansas.

Fort Leavenworth Military Reservation, KS. Alliance selected base on Dominant and Other Vegetation and occurrence of habitat in glaciated region.

Study Douglas, Co. Based on terms (woodland) in Habitat category and presence in study area. Toads found in rocky situations in open woodland. Bred in permanent ponds, pools in a diversion ditch, and a small creek

02 - Oak-Hickory Forest

Clarke et al., 1958

Oldham, 1966

Habitat needs to be 25-520 yards from breeding habitat (large pools or rivers)

[#KS GAP]

Map within 800 m of water.

Lyon Co., Kansas. Alliance based on HABITAT term (woodland) and species range in KS.

Study in London, Ontario, Canada. Alliance selection based on terms (woodland) in HABITAT category and range of species in Kansas.

03 - Post Oak-Blackjack Oak Forest

Clarke et al., 1958

Fitch, 1956

Oldham, 1966

Habitat needs to be 25-520 yards from breeding habitat (large pools or rivers)

Fitch, 1958

Breeding habitat located within .5 mi. of studied individuals.

[#KS GAP]

Map within 800 m of water.

Lyon Co., Kansas. Alliance based on HABITAT term (woodland) and species range in KS.

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05 - Ash-Elm-Hackberry Floodplain Forest

Lannoo et al., 1994

Dickinson Co., IA. Alliance selected based on term (temporary wetland) in Habitat category and it's occurrence in IA and species distribution in Kansas.

06 - Cottonwood Floodplain Forest

Lannoo et al., 1994

Dickinson Co., IA. Alliance selected based on term (temporary wetland) in Habitat category and it's occurrence in IA and species distribution in Kansas.

Brumwell, 1951

Fort Leavenworth Military Reservation, KS. Alliance selected base on Dominant and Other Vegetation and occurrence of habitat in glaciated region.

07 - Mixed Oak Floodplain Forest

Lannoo et al., 1994

Dickinson Co., IA. Alliance selected based on term (temporary wetland) in Habitat category and it's occurrence in IA and species distribution in Kansas.

08 - Bur Oak Floodplain Woodland

Clarke et al., 1958

Lyon Co., Kansas. Alliance based on HABITAT term (woodland) and species range in KS.

Gloyd, 1932

Miami Co., KS. Alliance selected based on Dominant and Other Vegetation (Quercus, Carya, Ulmus, Juglans).

Oldham, 1966

Habitat needs to be 25-520 yards from breeding habitat (large pools or rivers)

Study in London, Ontario, Canada. Alliance selection based on terms (woodland) in HABITAT category and range of species in Kansas.

Brumwell, 1951

Fort Leavenworth Military Reservation, KS. Alliance selected base on Dominant and Other Vegetation and occurrence of habitat in glaciated region.

09 - Mixed Oak Ravine Woodland

Clarke et al., 1958

Lyon Co., Kansas. Alliance based on HABITAT term (woodland) and species range in KS.

Fitch, 1956

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Oldham, 1966

Habitat needs to be 25-520 yards from breeding habitat (large pools or rivers)

Study in London, Ontario, Canada. Alliance selection based on terms (woodland) in HABITAT category and range of species in Kansas.

Fitch, 1958

Breeding habitat located within .5 mi. of studied individuals.

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[#KS GAP]

Map within 800 m of water.

10 - Post Oak-Blackjack Oak Woodland

Clarke et al., 1958

Lyon Co., Kansas. Alliance based on HABITAT term (woodland) and species range in KS.

Fitch, 1956

Study Douglas, Co. Based on terms (woodland or wooded floodplain) in Habitat category and presence in study area. Toads found in damp soil in thick woods. Bred in permanent ponds, pools in a diversion ditch, and a small creek draining from the pond.

Oldham, 1966

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[#KS GAP]

Map within 800 m of water.

11 - Cottonwood Floodplain Woodland

Clarke et al., 1958

Oldham, 1966 Habitat needs to be 25-520 yards from breeding habitat (large pools or rivers)

Lyon Co., Kansas. Alliance based on HABITAT term (woodland) and species range in KS.

Study in London, Ontario, Canada. Alliance selection based on terms (woodland) in HABITAT category and range of species in Kansas.

15 - Buttonbush (Swamp) Shrubland

Gloyd, 1928 Habitats should be located within wooded stream valleys.

Gloyd, 1932

Study in Franklin Co, Kansas. Alliances selection based on terms (ponds and marshes) in Habitat category and had to occur in Osage Cuestas (Franklin Co.'s physiographic Miami Co., KS. Alliance selected based on terms (swamp or marsh) in Habitat category and presence in species

[#KS GAP] Map if adjacent to selected forested floodplains (5,6,7,8,11).

17 - Tallgrass Prairie

Brumwell, 1951

Fort Leavenworth Military Reservation, KS. Alliance selected base on Dominant and Other Vegetation and occurrence of habitat in glaciated region.

[#KS GAP] Map within 800 m of water.

30 - Low or Wet Prairie

Gloyd, 1928 Habitats should be located within wooded stream valleys.

Lannoo et al., 1994

Study in Franklin Co, Kansas. Alliances selection based on terms (ponds and marshes) in Habitat category and had to occur in Osage Cuestas (Franklin Co.'s physiographic Dickinson Co., IA. Alliance selected based on term (temporary wetland) in Habitat category and it's occurrence in IA and species distribution in Kansas.

Gloyd, 1932

Miami Co., KS. Alliance selected based on terms (swamp or marsh) in Habitat category and presence in species

[#KS GAP] Map if adjacent to selected forested floodplains (5,6,7,8,11).

31 - Freshwater Marsh

Gloyd, 1928 Habitats should be located within wooded stream valleys.

Gloyd, 1932

Study in Franklin Co, Kansas. Alliances selection based on terms (ponds and marshes) in Habitat category and had to occur in Osage Cuestas (Franklin Co.'s physiographic Miami Co., KS. Alliance selected based on terms (swamp or marsh) in Habitat category and presence in species

[#KS GAP] Map if adjacent to selected forested floodplains (5,6,7,8,11).

32 - Bulrush Marsh

Gloyd, 1928 Habitats should be located within wooded stream valleys.

Gloyd, 1932

Study in Franklin Co, Kansas. Alliances selection based on terms (ponds and marshes) in Habitat category and had to occur in Osage Cuestas (Franklin Co.'s physiographic Miami Co., KS. Alliance selected based on terms (swamp or marsh) in Habitat category and presence in species

[#KS GAP] Map if adjacent to selected forested floodplains (5,6,7,8,11).

33 - Cattail Marsh

Gloyd, 1928 Habitats should be located within wooded stream valleys.

Gloyd, 1932

Study in Franklin Co, Kansas. Alliances selection based on terms (ponds and marshes) in Habitat category and had to occur in Osage Cuestas (Franklin Co.'s physiographic Miami Co., KS. Alliance selected based on terms (swamp or marsh) in Habitat category and presence in species

[#KS GAP] Map if adjacent to selected forested floodplains (5,6,7,8,11).

40 - Non-native Grassland

Oldham, 1966 Habitat needs to be 25-520 yards from breeding habitat (large pools or rivers)

Study in London, Ontario, Canada. Alliance selection based on terms (farm or agricultural field) in HABITAT category and range of species in Kansas.

[#KS GAP] Map within 800 m of water.

44 - Cultivated Land

Oldham, 1966 Habitat needs to be 25-520 yards from breeding habitat (large pools or rivers)

[#KS GAP] Map within 800 m of water.

Study in London, Ontario, Canada. Alliance selection based on terms (farm or agricultural field) in HABITAT category and range of species in Kansas.

55 - Deciduous Woodland

Clarke et al., 1958

Fitch, 1956

Oldham, 1966 Habitat needs to be 25-520 yards from breeding habitat (large pools or rivers)

Fitch, 1958 Breeding habitat located within .5 mi. of studied individuals.

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82 - Water (Lake)

Rush and Fleharty, 1981
[#KS GAP] Map 30 m edge.

Neosho Co., Kansas. Found at Neosho County State

82 - Water (River)

Oldham, 1966
[#KS GAP] Map 30 m edge.

91 - Ozark Sandstone Glade / Prairie - not mapped

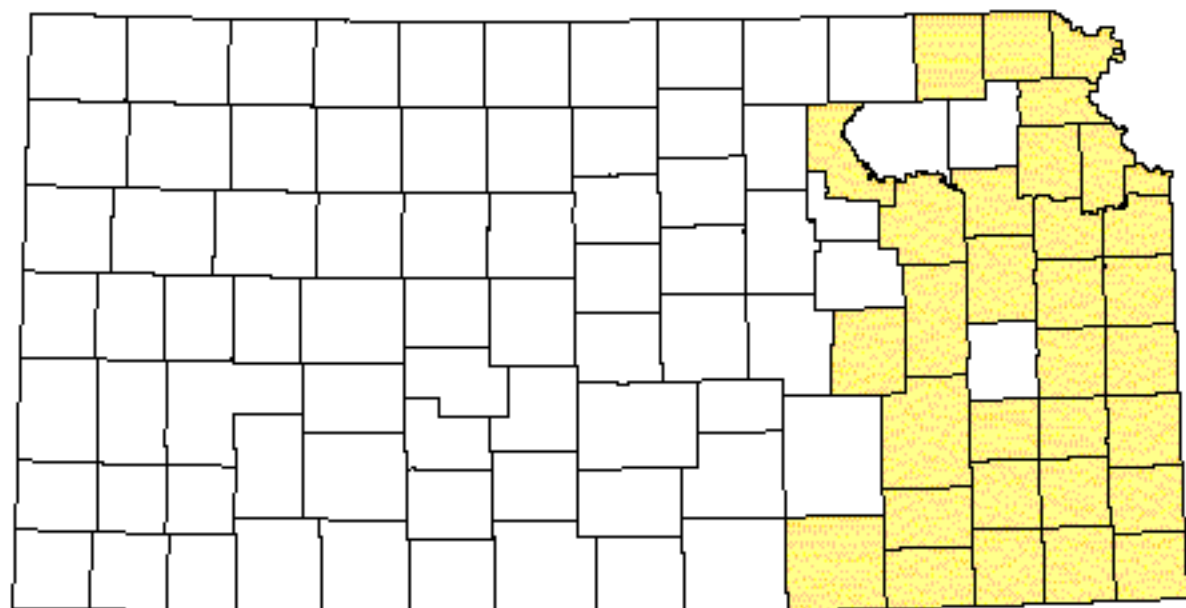
Trowbridge, 1937


Study in LeFlore and McCurtain Cos., OK. Alliance selected based on Dominant Vegetation (*Quercus* and *Pinus*). Habitats were located near rivers and mixed with cultivated fields.

Reference List

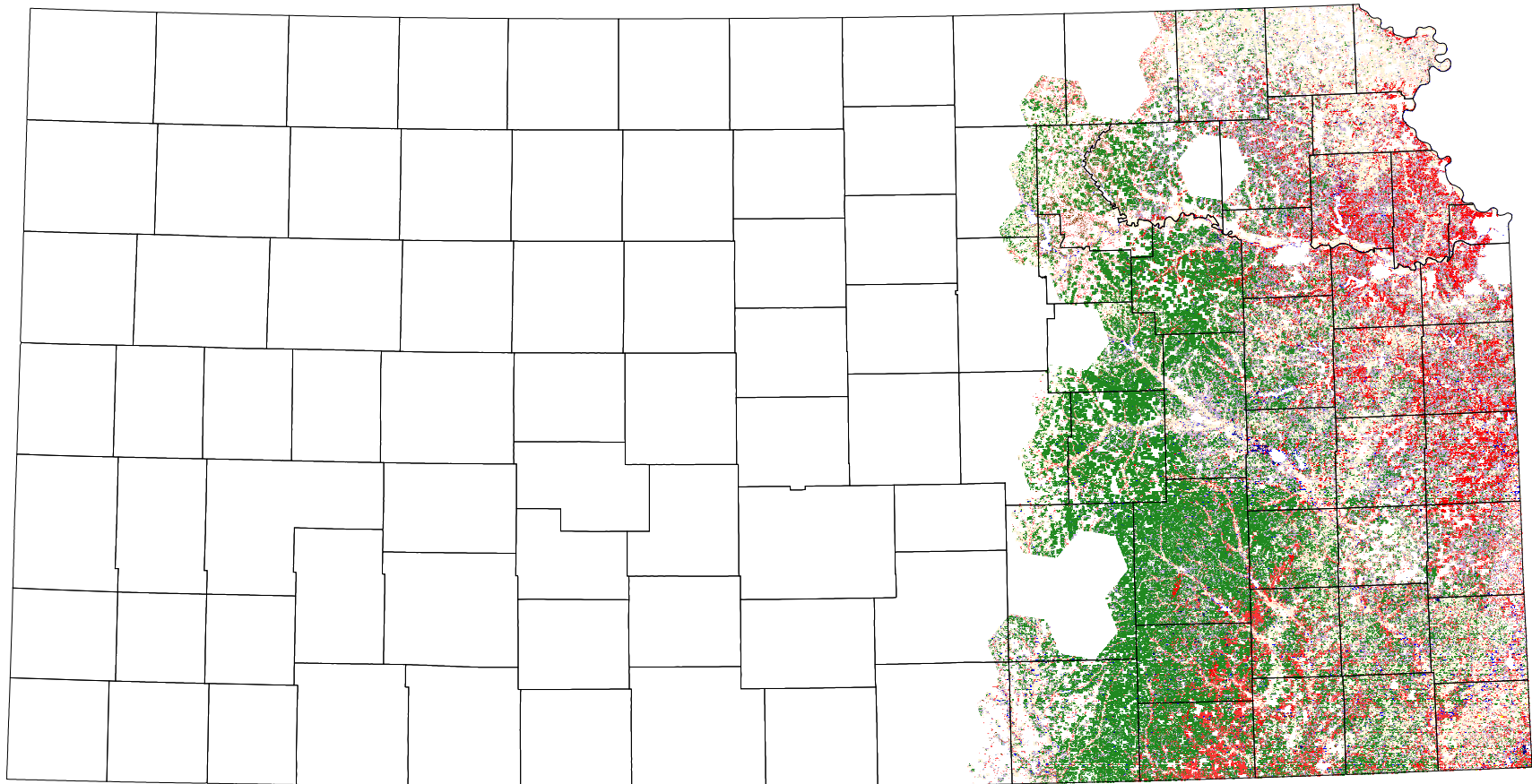
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Eastern American Toad



 Range from Collins, 1993

Eastern American Toad



* within 800 m of open water
 ** adjacent to mapped forested floodplains
 *** 30 m edge