

Habitat Model for Species: Eastern Tiger Salamander

Ambystoma tigrinum tigrinum

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

Landcover Category

0 - Comments

[#KS GAP]
[#Reviewer]

Habitat Restrictions

Map 30 m edge of water

Comments

Fitch: Records were at hilltops far from water, where evidently they had come to hibernate in late fall. It is thought that they came from cultivated land in the Kaw Valley. Add Jefferson County; personal observation.
Fitch: Add Jefferson County.

02 - Oak-Hickory Forest

Fitch, 1958

Study in Douglas Co., KS. Selected based on "woodland" in habitat and "Quercus" in dominant vegetation. Individuals found in funnel traps in woodland along hill top

03 - Post Oak-Blackjack Oak Forest

Fitch, 1958

Study in Douglas Co., KS. Selected based on "woodland" in habitat and "Quercus" in dominant vegetation. Individuals found in funnel traps in woodland along hill top

05 - Ash-Elm-Hackberry Floodplain Forest

Lannoo et al., 1994

Study in Dickinson County, Iowa. Selection of alliances based on Soil (glacial, poorly drained) and Habitat (pothole, temporary wetland) terms, when habitat occurred in both Iowa and Kansas.

06 - Cottonwood Floodplain Forest

Lannoo et al., 1994

Study in Dickinson County, Iowa. Selection of alliances based on Soil (glacial, poorly drained) and Habitat (pothole, temporary wetland) terms, when habitat occurred in both Iowa and Kansas.

09 - Mixed Oak Ravine Woodland

Fitch, 1958

Study in Douglas Co., KS. Selected based on "woodland" in habitat and "Quercus" in dominant vegetation. Individuals found in funnel traps in woodland along hill top

10 - Post Oak-Blackjack Oak Woodland

Fitch, 1958

Study in Douglas Co., KS. Selected based on "woodland" in habitat and "Quercus" in dominant vegetation. Individuals found in funnel traps in woodland along hill top

30 - Low or Wet Prairie

Whiteman et al., 1995

Study in Tippecanoe Co., In. Selected based on "marsh" or "bog" in habitat.

31 - Freshwater Marsh

Whiteman et al., 1995

Study in Tippecanoe Co., In. Selected based on "marsh" or "bog" in habitat.

32 - Bulrush Marsh

[#*****]

Whiteman et al., 1995

Habitat not present within model parameters.

Study in Tippecanoe Co., In. Selected based on "marsh" or "bog" in habitat.

33 - Cattail Marsh

Whiteman et al., 1995

Lannoo et al., 1994

Study in Tippecanoe Co., In. Selected based on "marsh" or "bog" in habitat.

Study in Dickinson County, Iowa. Selection of alliances based on Soil (glacial, poorly drained) and Habitat (pothole, temporary wetland) terms, when habitat occurred in both Iowa and Kansas.

82 - Water (Lake)

Lannoo et al., 1994

Study in Dickinson County, Iowa. Selection of alliances based on Soil (glacial, poorly drained) and Habitat (pothole, temporary wetland) terms, when habitat occurred in both Iowa and Kansas.

Brophy, 1980

Study in Jackson Co., IL. Found with *Notophthalmus viridescens louisiansis* in small woodland ponds.

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Map 30 m edge.

82 - Water (River)

Brophy, 1980

Study in Jackson Co., IL. Found with *Notophthalmus viridescens louisiansis* in small ditches.

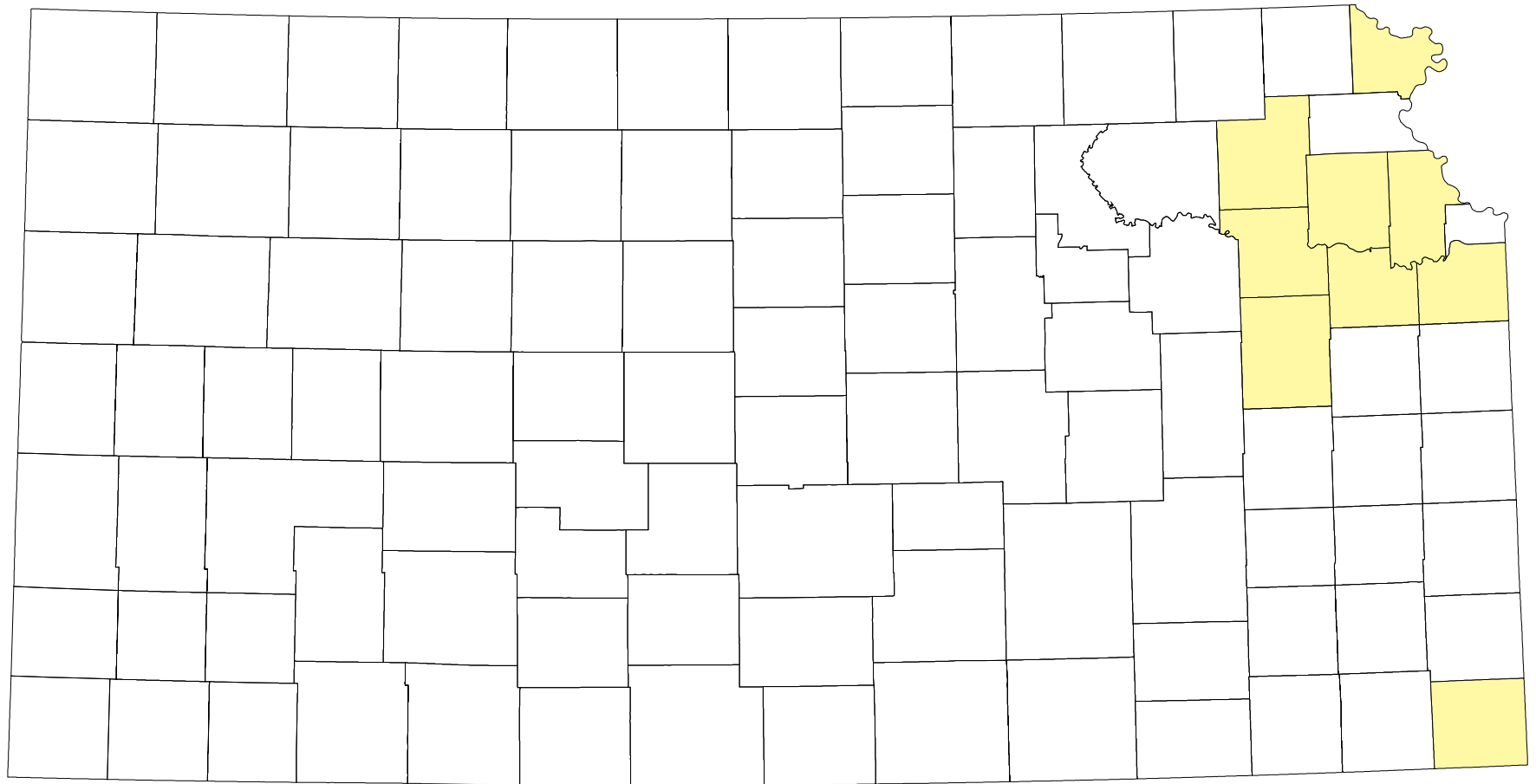
[#KS GAP]

Map 30 m edge.

Reference List

1. Brophy, T. E. 1980. Food habits of sympatric larval *Ambystoma tigrinum* and *Notophthalmus viridescens*. *Journal of Herpetology* 14(1):1-6.
2. Fitch, H. S. 1958. Home ranges, territories, and seasonal movements of vertebrates of the Natural History Reservation. *University of Kansas Publications, Museum of Natural History* 11(3):63-326.
3. Lannoo, M. J., K. Lang, T. Waltz, and G. S. Phillips. 1994. An altered amphibian assemblage: Dickinson County, Iowa, 70 years after Frank Blanchard's survey. *American Midland Naturalist* 131:311-319.
4. Whiteman, H. H., R. D. Howard, and K. A. Whitten. 1995. Effects of pH on embryo tolerance and adult behavior in the tiger salamander, *Ambystoma tigrinum tigrinum*. *Canadian Journal of Zoology* 73:1529-1537.

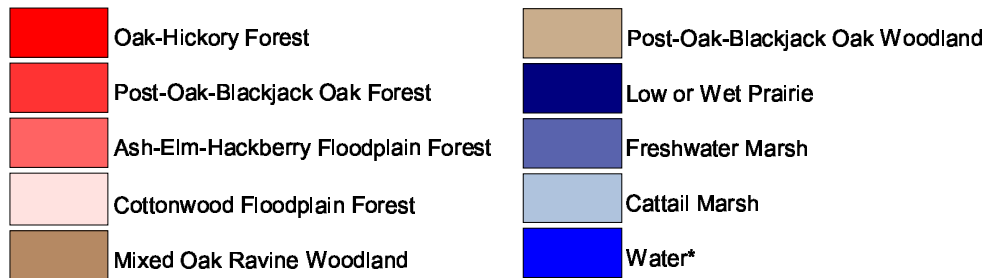
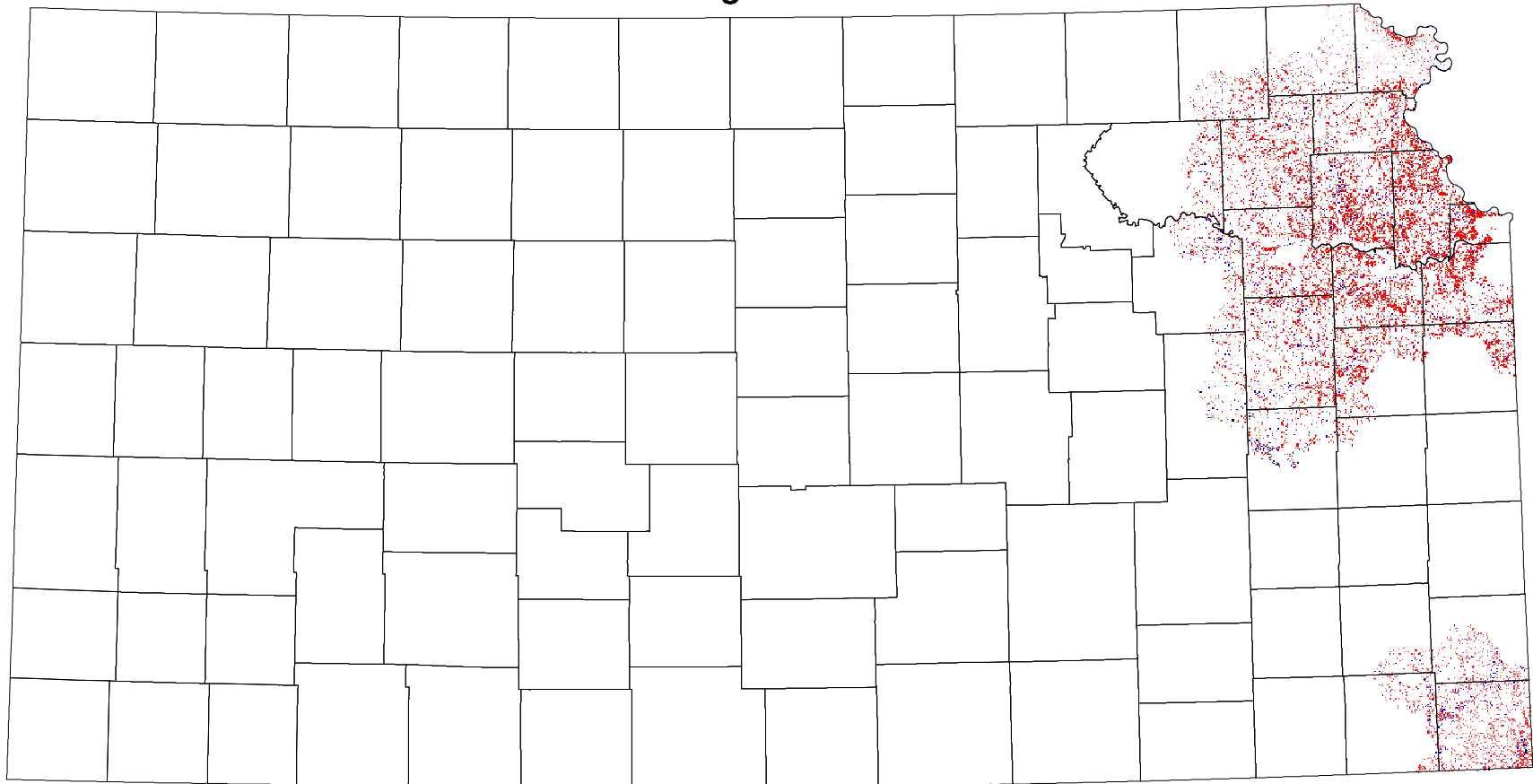
Eastern Tiger Salamander



 Range from Collins, 1993

Habitat

Eastern Tiger Salamander



* 30 m edge