

Habitat Model for Species: Central Newt

Notophthalmus viridescens louisianensis

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

Landcover Category

0 - Comments

[#*****]

Gloyd, 1932

Rundquist and Collins, 1977

[#KS GAP]

Habitat Restrictions

Habitat not present within model parameters.

Do not restrict habitats. Assume habitats have some suitable breeding sites.

Comments

Cherokee Co., KS, Pigeon Lake. One immature found terrestrially on lake shore in a piece of decaying wood. Found in three ponds in Cherokee Co., KS

01 - Maple-Basswood Forest

Camper, 1988

Forest needs to be adjacent to or surround ponds.

Black Hawk and Linn Counties in IA. Alliance based on "forest" in Habitat category, presence of hardwoods, presence in study area in IA. However, does not occur in known species range in KS.

02 - Oak-Hickory Forest

Ashton and Collins, 1973

Camper, 1988

Forest needs to surround or be adjacent to ponds.

Gloyd, 1932

Based on description of woods surrounding Pigeon Lake.

Three known localities of species in Kansas were described as being in deciduous forest along the eastern boarder of KS. Alliances selected based on "forest" in Habitat category and presence in know distribution of Black Hawk and Linn Counties in IA. Alliance based on "forest" in Habitat category, presence of hardwoods, presence in study area in IA and occurrence in known species range in KS.

Cochran, 1988

Site occurred near a semi-permanent wetland.

Miami Co., KS, Pigeon Lake. Alliance based on Quercus and Carya in Dominant vegetation and presence of habitat in study area.

Cochran, 1988

Site occurred near a semi-permanent wetland.

Study in IL. Alliance based on "Quercus and Carya" in Dominant Veg. and occurrence in species range. Newts collected beneath boards, logs, bark, and other natural objects.

Study in IL. Alliance based on association common name "Oak-Hickory Forest" and occurrence in species range. Newts collected beneath boards, logs, bark, and other natural objects.

03 - Post Oak-Blackjack Oak Forest

Ashton and Collins, 1973

Camper, 1988

Forest must be adjacent to or surround ponds

Three known localities of species in Kansas were described as being in deciduous forest along the eastern boarder of KS. Alliances selected based on "forest" in Habitat category and presence in know distribution of Black Hawk and Linn Counties in IA. Alliance based on "forest" in Habitat category, presence of hardwoods, presence in study area in IA and occurrence in known species range in KS.

05 - Ash-Elm-Hackberry Floodplain Forest

Ashton and Collins, 1973

Camper, 1988

Forest needs to be adjacent to or surround ponds.

Three known localities of species in Kansas were described as being in deciduous forest along the eastern boarder of KS. Alliances selected based on "forest" in Habitat category and presence in know distribution of Black Hawk and Linn Counties in IA. Alliance based on "forest" in Habitat category, presence of hardwoods, presence in study area in IA and occurrence in known species range in KS.

06 - Cottonwood Floodplain Forest

Ashton and Collins, 1973

Three known localities of species in Kansas were described as being in deciduous forest along the eastern boarder of KS. Alliances selected based on "forest" in Habitat category and presence in know distribution of

08 - Bur Oak Floodplain Woodland

Gloyd, 1932

Based on description of woods surrounding Pigeon Lake.

Miami Co., KS, Pigeon Lake. Alliance based on Quercus in Dominant vegetation, Carya and Juglans in Other Vegetation and presence of habitat in study area.

11 - Cottonwood Floodplain Woodland

Ashton and Collins, 1973

Three known localities of species in Kansas were described as being in deciduous forest along the eastern boarder of KS. Alliances selected based on "forest" in Habitat category and presence in know distribution of

15 - Buttonbush (Swamp) Shrubland

Ashton and Collins, 1973

Three known localities of species in Kansas were described as being in deciduous forest along the eastern boarder of KS. Alliances selected based on "forest" in Habitat category and presence in know distribution of Miami Co., KS, Pigeon Lake. Alliance based on "swamp" in the Habitat category and presence of habitat in the study area. One newt was collected in the wooded swamp area surrounding the lake.

Gloyd, 1932

30 - Low or Wet Prairie

Gloyd, 1932

Miami Co., KS, Pigeon Lake. Alliance based on "swamp" in the Habitat category and presence of habitat in the study area. One newt was collected in the wooded swamp area surrounding the lake.

31 - Freshwater Marsh

Gloyd, 1932

Miami Co., KS, Pigeon Lake. Alliance based on "swamp" in the Habitat category and presence of habitat in the study area. One newt was collected in the wooded swamp area surrounding the lake.

Brophy, 1980

Carbondale, Jackson County, IL. Alliance selected based on Potamogeton in Other Vegetation. Larval were most frequently found in masses of this aquatic plant.

32 - Bulrush Marsh

Gloyd, 1932

Miami Co., KS, Pigeon Lake. Alliance based on "marsh" in the Habitat category and presence of habitat in the study area. One newt was collected in the wooded swamp area surrounding the lake.

33 - Cattail Marsh

Gloyd, 1932

Miami Co., KS, Pigeon Lake. Alliance based on "swamp" in the Habitat category and presence of habitat in the study area. One newt was collected in the wooded swamp area surrounding the lake.

Brophy, 1980

Carbondale, Jackson County, IL. Alliance selected based on Potamogeton in Other Vegetation. Larval were most frequently found in masses of this aquatic plant.

39 - Pondweed Aquatic Wetland - not

mapped

Brophy, 1980

This alliance does not occur in the known distribution of this species in Kansas.

Carbondale, Jackson County, IL. Alliance selected based on Potamogeton in Dom. Vegetation. Larval were most frequently found in masses of this aquatic plant.

51 - Maple Floodplain Forest

Ashton and Collins, 1973

Three known localities of species in Kansas were described as being in deciduous forest along the eastern boarder of KS. Alliances selected based on "forest" in Habitat category and presence in know distribution of

71 - Weedy Upland

Cochran, 1988

Habitat where newts were found always occurred near an ecotone with wooded habitat.

Study in IL. Alliance selection based on "old-field" in habitat category.

82 - Water (Lake)

Camper, 1988

Ponds need to be adjacent to or surrounded by

Black Hawk and Linn Counties in IA. In ephemeral upland pond and three ponds in mature bottomland forest. All ponds were adjacent to or surrounded by mature hardwood forest. All ponds but one had submergent macrophytes. Exception had emergent forms.

Rundquist et al., 1978

Cherokee Co., KS. 4 Newts found in small farm pond considered a breeding site.

Collins, 1982

Southeastern KS. Found in shallow, predator free, vegetated, permanent pond

Ashton, 1977

Cherokee Co., KS. Breeding adults found in small spring fed pond.

Brophy, 1980

Carbondale, Jackson County, IL. Larval habitats include woodland ponds.

82 - Water (River)

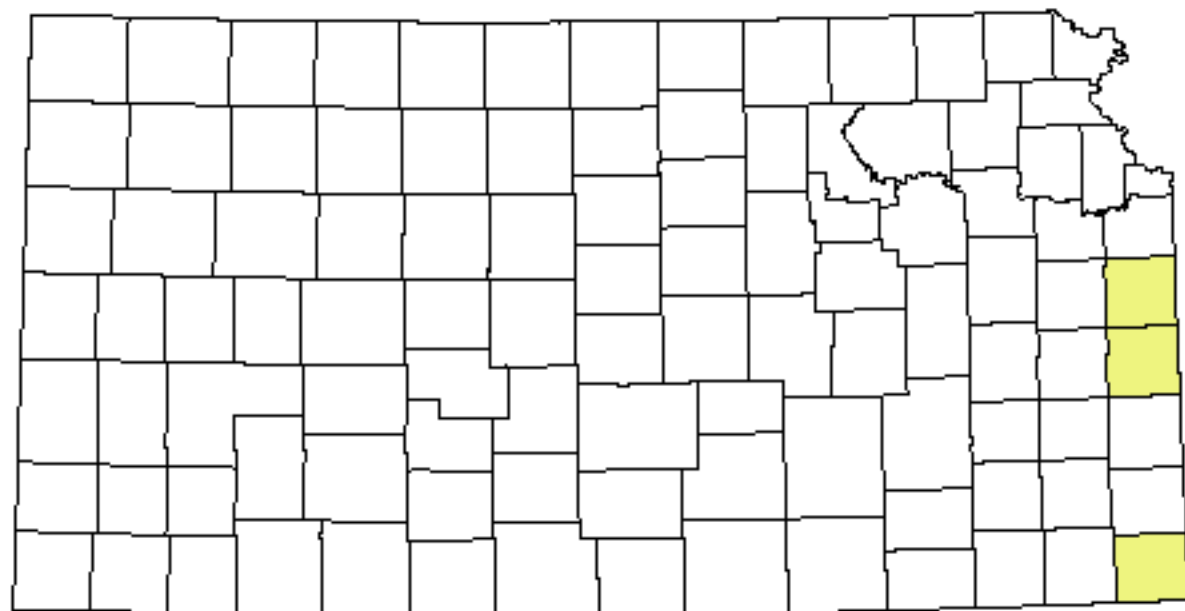
Brophy, 1980


Carbondale, Jackson County, IL. Larval habitats include ditches.

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Central Newt



 Range from Collins, 1993

Central Newt

