

# Habitat Model for Species: Yellow Mud Turtle

*Kinosternon flavescens flavescens*

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

## Landcover Category

### **0 - Comments**

Collins, 1993

Webb, 1970

Royal, 1982

Kangas, 1986

Webster, 1986

[#KS GAP]

[#Reviewer]

[#Reviewer2]

### **Habitat Restrictions**

### **Comments**

Although presence of aquatic vegetation is preferred (within aquatic habitats), it is not necessary. May forage on land and is frequently found crawling from one body of water to another,

Study in OK. Described as a grassland species.

Study in KS. Two individuals found on unpaved road between the floodplain and dune sands in Finney Co.

Study in Missouri. Abundance of three populations could be accounted for by amount of very coarse sand in their

Study Kansas. Species prefers a tan-colored loess "mud" to a dark-brown sandy loam bottom. Addition of aquatic plants to sandy loam caused a shift to vegetated

All habitat selections were based on listed criteria (in comment section) and the presence of the selected habitat in the species known range in Kansas.

Platt: Most observations on upland are within 20-30 feet of an aquatic habitat. But it is sometimes found much farther from water, probably migrating from one pond to

Distler: On the Field Station, observed once in 17 years along abandoned road through cottonwood floodplain woodland, which is adjacent to CRP.

### **15 - Buttonbush (Swamp) Shrubland**

Collins, 1993

### **26 - Grass Playa Lake**

Kangas, 1986

Study in Missouri. Selected based on "marsh" in Habitat section and species range.

### **27 - Salt Marsh/Prairie**

Kangas, 1986

Study in Missouri. Selected based on "marsh" in Habitat section and species range.

### **28 - Spikerush Playa Lake**

Kangas, 1986

Study in Missouri. Selected based on "marsh" in Habitat section and species range.

### **29 - Playa Lake**

Kangas, 1986

Study in Missouri. Selected based on "marsh" in Habitat section and species range.

### **30 - Low or Wet Prairie**

Kangas, 1986

Study in Missouri. Selected based on "marsh" in Habitat section and species range.

### **31 - Freshwater Marsh**

Kangas, 1986

Study in Missouri. Selected based on "marsh" in Habitat section and species range.

### **32 - Bulrush Marsh**

Collins, 1993

Kangas, 1986

"sloughs, backwaters, swamps, sinkholes, rivers, cisterns, roadside ditches, and cattle tanks"

Study in Missouri. Selected based on "marsh" in Habitat section and species range.

### **33 - Cattail Marsh**

Collins, 1993

Kangas, 1986

"sloughs, backwaters, swamps, sinkholes, rivers, cisterns, roadside ditches, and cattle tanks"

Study in Missouri. Selected based on "marsh" in Habitat section and species range.

### **38 - Forb Playa Lake**

Collins, 1993

Kangas, 1986

"sloughs, backwaters, swamps, sinkholes, rivers, cisterns, roadside ditches, and cattle tanks"

Study in Missouri. Selected based on "marsh" in Habitat section and species range.

### **39 - Pondweed Aquatic Wetland - not mapped**

Collins, 1993

Kangas, 1986

"sloughs, backwaters, swamps, sinkholes, rivers, cisterns, roadside ditches, and cattle tanks"

Study in Missouri. Selected based on "marsh" in Habitat section and species range.

### **70 - Weedy Marsh**

Collins, 1993

Kangas, 1986

"sloughs, backwaters, swamps, sinkholes, rivers, cisterns, roadside ditches, and cattle tanks"

Study in Missouri. Selected based on "marsh" in Habitat section and species range.

### **82 - Water (Lake)**

Collins, 1993

Capron, 1987

Ernst et al., 1994

Mahmoud, 1969

Irwin and Collins, 1987

"sloughs, backwaters, swamps, sinkholes, rivers, cisterns, roadside ditches, and cattle tanks"

Study south-central Kansas. Common in ponds and Inhabits almost any quiet water in range: swamps, sloughs, sinkholes, rivers, creeks, ponds (particularly temporary ones), lakes, reservoirs, cisterns, and cattle tanks. A mud or sand bottom preferred with aquatic

Study in OK. Preferred temporary bodies of water such as mudholes and farm ponds, most abundant in areas with heavy aquatic vegetation. In the laboratory selected a sandy bottom substrate and shallow water.

Study Cheyenne Bottoms, Kansas. Prefers quiet water with a mud bottom.

### **82 - Water (River)**

Collins, 1993

Clarke et al., 1958

Ernst et al., 1994

Mahmoud, 1969

"sloughs, backwaters, swamps, sinkholes, rivers, cisterns, roadside ditches, and cattle tanks"

Study Lyon Co., Kansas. Rare. When found usually in muddy ditches, streams, and creeks.

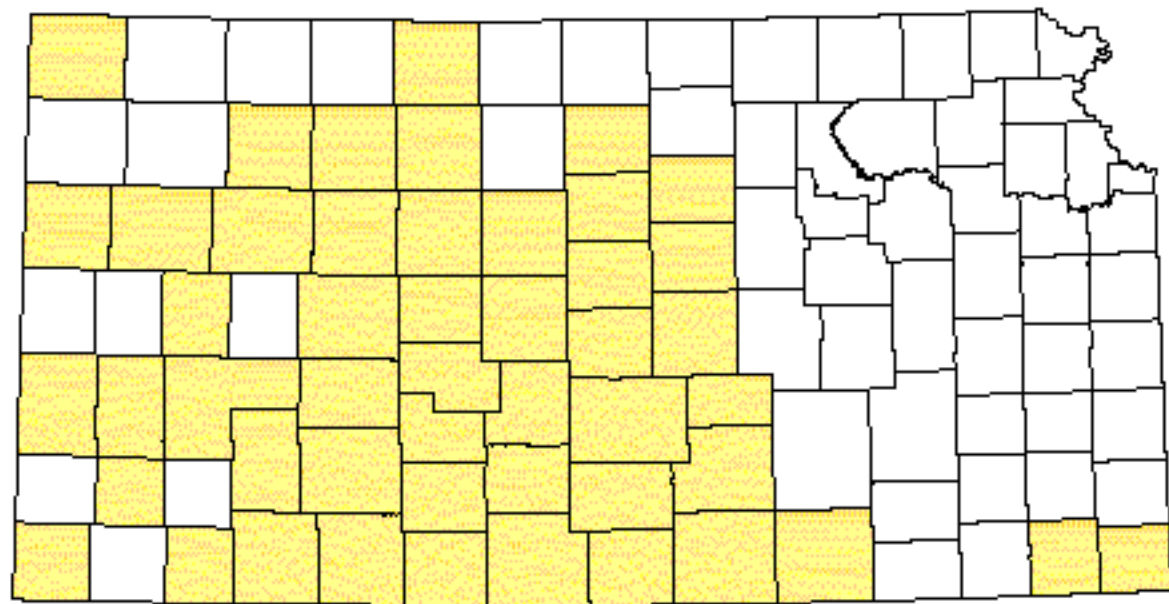
Inhabits almost any quiet water in range: swamps, sloughs, sinkholes, rivers, creeks, ponds (particularly temporary ones), lakes, reservoirs, cisterns, and cattle tanks. A mud or sand bottom preferred with aquatic


Study in OK. Preferred temporary bodies of water such as mudholes and farm ponds, most abundant in areas with heavy aquatic vegetation. In the laboratory selected a sandy bottom substrate and shallow water.

### Reference List

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 Range from Collins, 1993

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