

Habitat Model for Species: Midland Smooth Softshell

Apalone mutica mutica

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

Landcover Category

0 - Comments

[#KS GAP]
[#Reviewer]

60 m edge of water.

Habitat Restrictions

82 - Water (Lake)

Collins, 1993 edge; Map 60 m edge of open water (82).
Ernst et al., 1994

Williams and Christiansen, 1981

82 - Water (River)

Capron, 1987

Ernst et al., 1994

Williams and Christiansen, 1981

Plummer, 1977

Loraine, 1983

90 - Riverine Sand Flats and Bars - not mapped

Capron, 1987

Plummer, 1977

[#Reviewer]

Comments

Busby: Add Geary County.

"avoids open water"
Know to occur in lakes, impoundments, and shallow bogs. Waterways with sandy bottoms and a few rocks or aquatic plants are preferred.

Study in Iowa. Limited to large downstream portion of rivers. Ponds are occasionally occupied, but only if connected to large river for at least part of the year.

Study south-central Kansas. Utilize sandbars for nesting, preferably those 3 to 6 feet above water level and up to 50 yards from river.

Occur in large rivers and streams with moderate to fast currents.

Study in Iowa. Limited to large downstream portion of rivers. Ponds are occasionally occupied, but only if connected to large river for at least part of the year.

Kansas River, KS. Males most abundant in shallow waters near sandbars. Sandbars are used by adult females during nesting season. Hatchlings prefer small, shallow, warm puddles on shoreline of sandbars.

Study south-central Kansas. Utilize sandbars for nesting, preferably those 3 to 6 feet above water level and up to 50 yards from river.

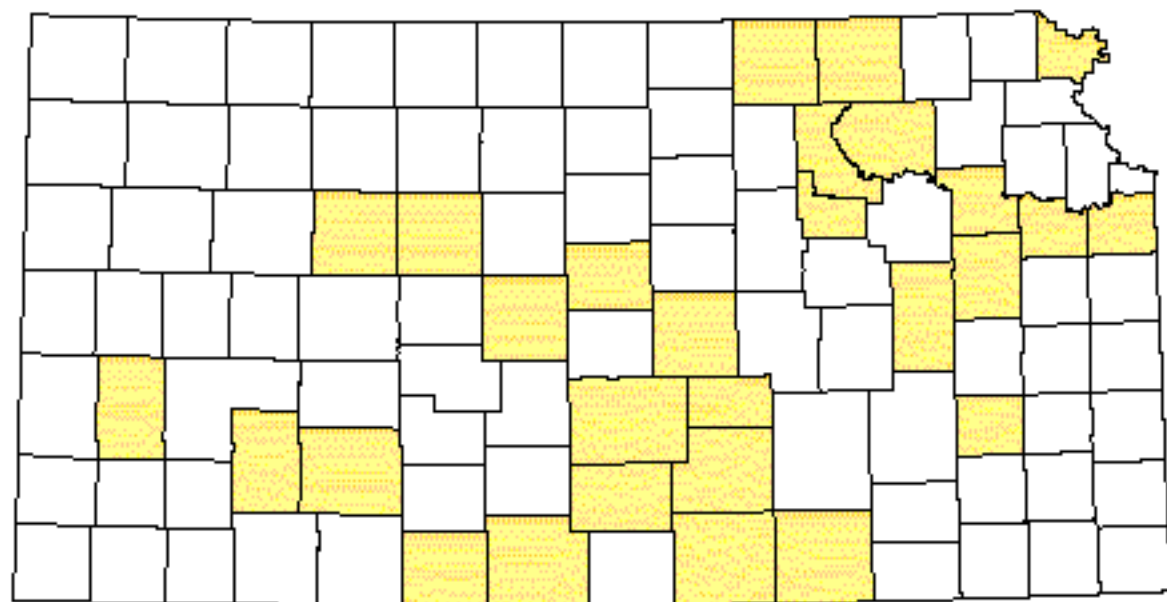
Kansas River, KS. Males most abundant in shallow waters near sandbars. Sandbars are used by adult females during nesting season. Hatchlings prefer small, shallow, warm puddles on shoreline of sandbars.


Distler: Uncommon in summer on sandbars along the Ninnescah River, sw Sedgewick County (Field Station).

Reference List

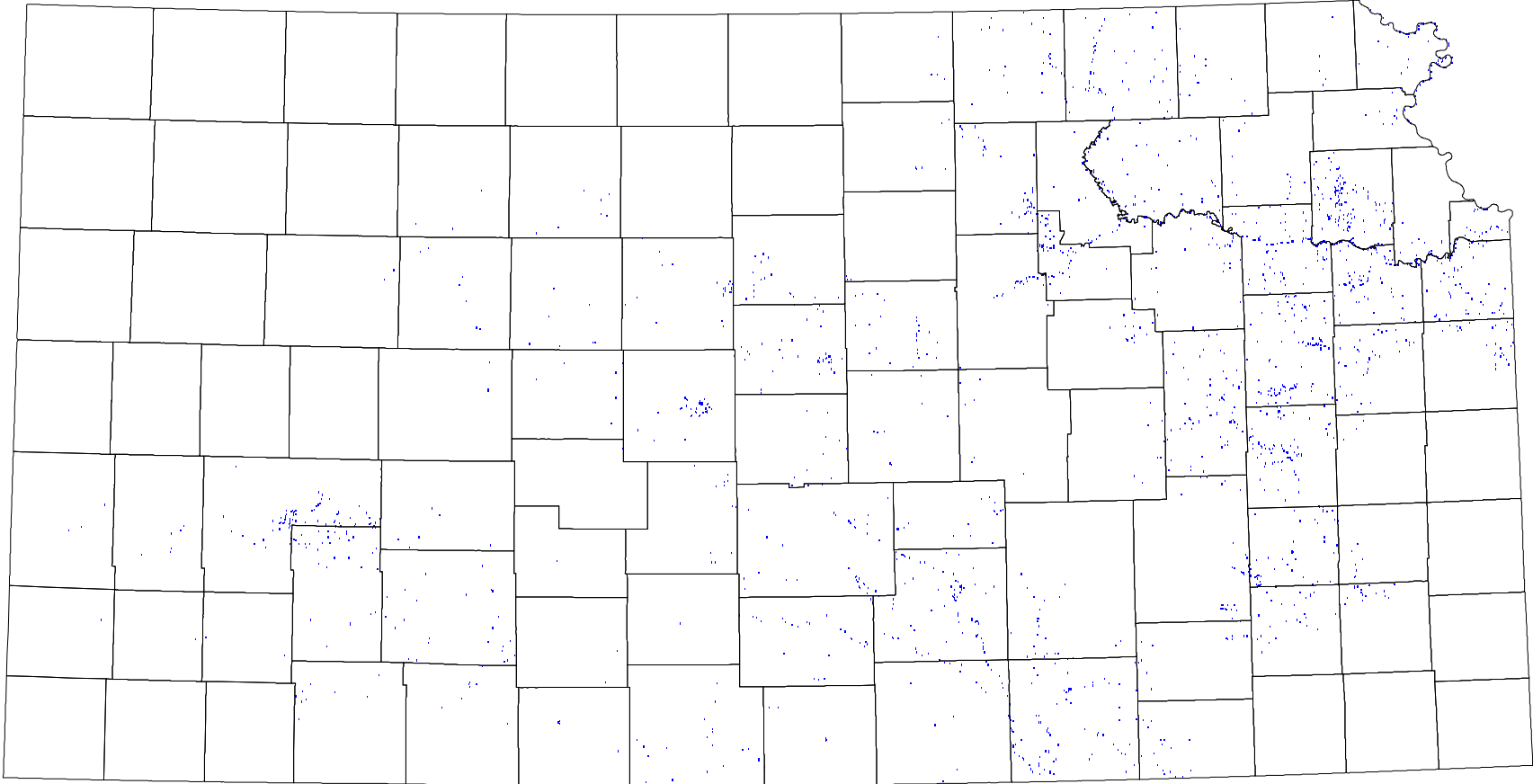
1. Capron, M. 1987. Selected observations on south-central Kansas turtles. Kansas Herpetological Society Newsletter (67):13-15.
2. Collins, J. T. 1993. Amphibians and reptiles in Kansas. University Press of Kansas, Lawrence, Kansas, USA.
3. Ernst, C. H., R. W. Barbour, and J. E. Lovich. 1994. Turtles of the United States and Canada. Smithsonian Institution Press, Washington, D.C., USA.
4. Loraine, R. K. Report to the Kansas Fish and Game Commission on the status of two amphibians in southeastern Kansas, Kansas Fish and Game Contract #76. 1983:1-56.
5. Plummer, M. V. 1977. Activity, habitat, and population structure in the turtle, *Trionyx muticus*. Copeia :431-440.
6. Williams, T. A. and J. L. Christiansen. 1981. The niches of two sympatric softshell turtles, *Trionyx muticus* and *Trionyx spiniferus*, in Iowa. Journal of Herpetology 15:303-308.

Midland Smooth Softshell



 Range from Collins, 1993

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 Water*

* 60 m edge