

New County Records for Fishes in Kansas

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In 1984, the Kansas Department of Health and Environment (KDHE) initiated a two year pilot study of fish communities in Kansas streams to evaluate the utility of fish community data as an indicator of both water quality and attainable use of these streams. Cross and Collins (1975) summarized the distribution of fish in Kansas. This report lists 26 new county records which are documented by the collections made in 1984, the first year of the KDHE study. Voucher specimens are deposited in the Museum of Natural History, University of Kansas, Lawrence. Listings include the scientific and common names of species, locality of collection and the KU Museum catalogue number.

Lepisosteus oculatus (Spotted Gar). Wilson Co. Fall River 1.5 miles S Neodesha. KU 21015.

Dorosoma cepedianum (Gizzard Shad). Clay Co. Republican River 6.5 miles SE Clay Center. KU 21016. Geary Co. Smoky Hill River 1.5 miles E Junction City. KU 21011.

Hiodon alosoides (Goldeye). Geary Co. Smoky Hill River 1.5 miles E Junction City. KU 21012.

Semotilus atromaculatus (Creek Chub). Ellsworth Co. Smoky Hill River at Ellsworth. KU 21143.

Hybopsis aestivalis (Speckled Chub). Clay Co. Republican River 6.5 miles SE Clay Center. KU 21017.

Phenacobius mirabilis (Suckermouth Minnow). Ellsworth Co. Smoky Hill River at Ellsworth. KU 21144.

Hybognathus placitus (Plains Minnow). Clay Co. Republican River 6.5 miles SE Clay Center. KU 21021.

Pimephales vigilax (Bullhead Minnow). Butler Co. Whitewater River 1 mile W Towanda. KU 20990. Pottawatomie Co. Kansas River 2 miles E Wamego. KU 21131.

Carpionodes cyprinus (Quillback). Republic Co. Republican River 1.25 miles S Hardy, Nebraska. KU 21137.

Ictalurus punctatus (Channel Catfish). Ottawa Co. Solomon River 0.25 miles W Niles. KU 21132.

Pylodictus olivaris (Flathead Catfish). Atchison Co. Delaware River at Arrington. KU 21155.

- Noturus nocturnus* (Freckled Madtom). Greenwood Co. Fall River 0.5 miles below Fall River Reservoir. KU 21013.
- Noturus flavus* (Stonecat). Ottawa Co. Solomon River 0.25 miles W Niles. KU 21133.
- Fundulus zebrinus* (Plains Killifish). Ellsworth Co. Smoky Hill River at Ellsworth. KU 21145.
- Gambusia affinis* (Mosquitofish). Linn Co. Marais des Cygnes River at Trading Post. KU 21121.
- Morone chrysops* (White Bass). Clay Co. Republican River 6.5 miles SE Clay Center. KU 21025. Saline Co. Smoky Hill River 2 miles E Salina. KU 21130.
- Micropterus salmoides* (Largemouth Bass). Clay Co. Republican River 6.5 miles SE Clay Center. KU 21027.
- Lepomis cyanellus* (Green Sunfish). Barton Co. Arkansas River 4 miles E Great Bend. KU 21141. Osborne Co. South Fork Solomon River 2 miles E Osborne. KU 20988.
- Pomoxis annularis* (White Crappie). Clay Co. Republican River 6.5 miles SE Clay Center. KU 21028.
- Percina phoxocephala* (Slenderhead Darter). Butler Co. Whitewater River 1 mile W Towanda. KU 20989.
- Percina caprodes* (Logperch). Johnson Co. Big Blue River 3 miles E Stanley. KU 20991.
- Etheostoma gracile* (Slough Darter). Chautauqua Co. Little Caney River 1.5 miles E Niotaze. KU 21119.
- Aplodinotus grunniens* (Freshwater Drum). Clay Co. Republican River 6.5 miles SE Clay Center. KU 21029.

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LITERATURE CITED

- Cross, F. B., and J. T. Collins. 1975. Fishes in Kansas. Univ. Kansas Mus. Nat. Hist. Pub. Ed. Ser. 3:1-189.