

THE DISTRIBUTION OF *NOTROPIS BAIRDI* ALONG THE CIMARRON RIVER IN LOGAN COUNTY, OKLAHOMA

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The description and distribution of the cyprinid fish *Notropis bairdi* were originally published in 1929 by Hubbs and Ortenburger (1). Miller and Robison (2) have subsequently noted the range of *N. bairdi* to be the Red River and its principal tributaries in Oklahoma and Texas. The purpose of this paper is to report that the distribution of *N. bairdi* is no longer restricted to the Red River Basin, but that it has been found to extend to the Cimarron River (Arkansas River Drainage Basin).

N. bairdi was collected in seine hauls along the Cimarron River in December, 1976 and March, 1977. Specimens were recovered by using a two-man, ten-foot seine with 3/16-inch mesh. From two to two and one-half hours were expended seining at each locale. Two sites on the main stream of the river in Logan County were sampled. At Site C-1, near the Route 74 bridge (Crescent Quadrangle, SW $\frac{1}{4}$ - SE $\frac{1}{4}$ of Sec. 2, T16N - R4W), 707 individuals were obtained in December, whereas only 88 *N. bairdi* were collected in March. However, *N. bairdi* was not found in either December or March samplings at Site C-4, 45.9 km east of C-1 at the Route 33 bridge (Langston Quadrangle, SE $\frac{1}{4}$ - SE $\frac{1}{4}$ of Sec. 2, T17N - R1W).

Three tributaries of the Cimarron River in Logan County — Gar Creek, Cottonwood Creek, and Skeleton Creek — were also sampled. *N. bairdi* was only encountered at the Skeleton Creek site, 6.4 km west of Route 77 (Guthrie North Quadrangle, NW $\frac{1}{4}$ - NW $\frac{1}{4}$ of Sec. 36, T18N - R3W). Some 39 examples of *N. bairdi* were collected in December as compared to three in the March sample.

Other *Notropis* species recovered at these Cimarron River Basin sites include *N. atherinoides*, *N. girardi*, *N. lutrensis*, and *N. stramineus*.

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REFERENCES

1. C. L. HUBBS and A. I. ORTENBURGER, Publ. Univ. Okla. Biol. Surv. 1 (2): 17-43 (1929).
2. R. J. MILLER and H. W. ROBISON, *The Fishes of Oklahoma*, Oklahoma State University Press, Stillwater, Oklahoma, 1973, pp. 78-79.