

# 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*.

## ACKNOWLEDGMENTS

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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.