

NOTICE OF A COLLECTION OF FISHES MADE BY H. H. BRIMLEY IN CANE RIVER AND BOLLINGS CREEK, NORTH CAROLINA, WITH A DESCRIPTION OF A NEW SPECIES OF NOTROPIS (N. BRIMLEYI).

By BARTON A. BEAN.

Assistant Curator, Division of Fishes.

In this paper is given a list of a few fishes from a little known locality, and a description of a new species belonging to the subgenus *Hydrophlox* Jordan. It differs from the related species either in form, size of eye, number of scales, or in color. On a whole it seems to be most closely allied to *Notropis coccogenis* (Cope), but has a much more elongate body, the depth being contained $5\frac{1}{3}$ times in the standard length, while in Cope's species it is contained $4\frac{1}{4}$ times. The description of the type, which is preserved in the National Museum, follows.

NOTROPIS BRIMLEYI, new species.

Body elongate, rounded, not compressed as in *N. coccogenis*, to which it seems most nearly allied; its depth is contained $5\frac{1}{3}$ times in the length to origin of middle caudal rays; mouth moderately oblique, large, the maxillary extending to line from front margin of pupil; interorbital space broad, its width exceeding diameter of eye; jaws about equal. The length of the head equals $\frac{1}{4}$ of the total length, not including caudal, and the diameter of the eye is contained $3\frac{1}{3}$ times in length of head, slightly exceeding the length of the snout.

Teeth, 2—4—4—2. D. 9; A. 9; scales, $54\frac{2}{3}$ 3; eighteen rows of scales before dorsal.

Color.—Light green on back, top of head darker; lower parts silvery white; a dark dorsal stripe from head to tail; a plumbeous band from upper angle of gill cover to caudal, where it broadens and extends to top of caudal peduncle; a dark scapular band; upper parts with dark punctulations; scales with dark edges; anterior portion of dorsal and caudal plain, posterior parts black; other fins plain.

The type specimen measures $3\frac{3}{4}$ inches in length; $3\frac{1}{4}$ inches to origin of middle caudal rays. It was collected in Cane River, October 4.

1902. Two cotypes from the same locality measure $2\frac{3}{4}$ and $2\frac{1}{2}$ inches. Type No. 50601, U.S.N.M.

Other species collected are: *Notropis arge* (Cope), eleven examples, 2 to 4 inches long, Cane River, October 4.

Rhinichthys cataractæ (Cuvier and Valenciennes), two specimens from Bollings Creek, October 3, 1902. H. H. Brimley and Franklin Sherman, jr.

Hybopsis kentuckiensis (Rafinesque), twenty-four specimens from Cane River.

Campostoma anomalum (Rafinesque), one small specimen from Cane River.

Catostomus commersonii (Lacépède), one very young example from Cane River.

Catostomus nigricans Le Sueur, one specimen from Cane River.

Percina caprodes (Rafinesque), one very fine example from Cane River.

Cottus icthalops (Rafinesque), nine specimens from 1 to $2\frac{1}{2}$ inches long, collected in Bollings Creek, October 3, 1902.