

Anal 9-10. Ventrals inserted a little before the origin of dorsal, which is equidistant from the tip of snout and base of caudal or a little nearer the latter. 34 to 38 scales in a longitudinal series, 6 to 8 in a transverse series from origin of dorsal to lateral line, 3 or 4 between lateral line and root of ventral. Lateral line usually complete. Caudal peduncle $1\frac{2}{3}$ to 2 as long as deep. A dark vertical bar behind the head; a lateral stripe on the posterior part of the body.

Hab. South Dakota to Northern Mexico:

In Mexico recorded from the Rio Santa Maria⁵, Rio Carmen⁵ (*Meek*), Rio Sauz⁵ (*Meek*), and Rio Conchos^{4 5} (*Meek*) in Chihuahua; Rio San Juan in Nuevo Leon^{2 3 5}; Rio Conchos in Tamaulipas⁵.

Here described from several specimens, measuring up to 70 mm. in total length.

9. *Notropis garmani*.

Cyprinella rubripinna (non *Argyreus rubripinnis*, Heck.), Garm. Bull. Mus. Comp. Zool. viii. 1881, p. 91¹.

Notropis garmani, Jord. Cat. Fish. N. Am. p. 813 (1885)²; Jord. & Everm. Bull. U.S. Nat. Mus. xlvii. 1896, p. 281³; Meek, Publ. Columbian Mus., Zool. v. 1904, p. 73⁴.

Very similar to *N. lutrensis*, but with the head smaller (4 to $4\frac{1}{2}$ in the length of the fish) and the anal fin usually longer (of 10 to 12 rays).

Hab. MEXICO, Rio Nazas:

Lerdo (*Meek*) and Santiago Papasquiario in Durango⁴; Parras in Coahuila⁴.

I have examined four specimens, measuring up to 70 mm. in total length.

10. *Notropis santamariæ*.

Notropis santamariæ, Everm. & Goldsborough, Bull. U.S. Fish. Comm. xxi. 1902, p. 147, fig. 1¹; Meek, Publ. Columbian Mus., Zool. v. 1904, p. 74, fig. 21².

Very close to *N. lutrensis* and perhaps not really distinct, but the lateral line incomplete, terminating below the origin of the dorsal fin, and only 2 scales between the lateral line and the base of the ventral fin.

Hab. MEXICO, Lago de Santa Maria in Chihuahua.

11. *Notropis calientis*.

Notropis calientis, Jord. & Snyder. Bull. U.S. Fish. Comm. xix. 1899, p. 122, fig. (1900)¹; Meek, Publ. Columbian Mus., Zool. v. 1904, p. 65, fig. 16².

Depth of body $3\frac{1}{4}$ to $3\frac{2}{3}$ in the length of the fish, length of head $3\frac{3}{4}$ to 4. Diameter of eye 4 in the length of head. Mouth terminal, oblique; jaws equal anteriorly; snout obtuse. Dorsal 9, with 7 branched rays. Anal 7-8, with 5 or 6 branched rays. Ventrals inserted below or a little in advance of the origin of dorsal, which is nearly equidistant from tip of snout and base of caudal. 32 to 35 scales in a longitudinal series, 6 or 7 in a transverse series from origin of dorsal to lateral line, 3 or 4 between lateral line and base of ventral fin. Lateral line incomplete, not extending further back than the vertical from the origin of the dorsal fin. Caudal peduncle twice as long as deep. A dark lateral stripe.

Hab. MEXICO, Rio Lerma System:

Aguas Calientes^{1 2}, Ocotlan², Acambaro².

Here described from eight specimens, measuring up to 50 mm. in total length, from Aguas Calientes (*Meek*).