

B. 40 to 50 scales in a longitudinal series.

Diameter of eye 3 to $3\frac{1}{2}$ in the length of head (in specimens measuring up to 55 mm.); caudal deeply notched, the middle rays $\frac{1}{2}$ as long as the longest 12. *formosus*.

Diameter of eye 4 to 5 in the length of head (in specimens measuring up to 80 mm.); caudal moderately notched, the middle rays $\frac{3}{4}$ as long as the longest 13. *aztecus*.

1. *Notropis boucardi*. (Tab. XXV. figg. 4, 5.)

Moniana nitida (non *Alburnus nitidus*, Kirtland), Girard, Proc. Ac. Philad. 1856, p. 21¹.

Leuciscus boucardi, Günth. Cat. Fish. vii. p. 485 (1868)².

Graodus nigrotæniatus, Günth. l. c.³.

Rutilus boucardi, Jord. & Everm. Bull. U.S. Nat. Mus. xlvii. 1896, p. 247⁴.

Notropis nigrotæniatus, Jord. & Everm. t. c. p. 264⁵.

Notropis braytoni, Jord. & Everm. l. c.⁶; Meek, Publ. Columbian Mus., Zool. v. 1904, p. 65⁷.

Notropis boucardi, Meek, t. c. p. 67⁸.

Depth of body $3\frac{1}{2}$ to $4\frac{1}{2}$ in the length, length of head $3\frac{2}{3}$ to $4\frac{1}{2}$. Diameter of eye $3\frac{1}{2}$ to $4\frac{1}{2}$ in the length of head. Mouth little oblique; lower jaw included within the upper; snout obtuse. Dorsal 9, with 7 branched rays. Anal 8-10, with 6 to 10 branched rays. Ventrals inserted nearly below the origin of dorsal, which is about equidistant from tip of snout and base of caudal. 35 to 39 scales in a longitudinal series, 6 or 7 in a transverse series from origin of dorsal fin to lateral line, 3 or 4 between lateral line and base of ventral fin. Lateral line complete. Caudal peduncle about twice as long as deep. Usually a dark lateral stripe ending in a caudal spot.

Hab. MEXICO, rivers of Nuevo Leon and Tamaulipas and northern tributaries of the Rio Balsas :

Cadereita⁷ and Rio San Juan⁷ (*Meek*) in Nuevo Leon; Rio Conchos⁷ and Rio Soto Marina⁷ (*Meek*) in Tamaulipas; Yautepec⁸, Cuautla⁸, Cuernavaca² (*Boucard*), Atlixco^{3 8}, Puente de Ixtla⁸ (*Meek*), Matamoros⁸, Jojutla⁸ and Chietla⁸.

Here described from a series of specimens measuring up to 100 mm. in total length. The examples figured are the types of *Leuciscus boucardi* (fig. 4) and *Graodus nigrotæniatus* (fig. 5).

2. *Notropis orca*.

Notropis orca, Woolman, Bull. U.S. Fish. Comm. xiv. 1894, p. 56¹; Jord. & Everm. Bull. U.S. Nat. Mus. xlvii. 1896, p. 289².

Hab. Rio Grande at El Paso, Texas.

3. *Notropis nazas*.

Nototropis nazas, Meek, Publ. Columbian Mus., Zool. v. 1904, p. 70, fig. 19¹.

Depth of body 4 to $4\frac{1}{2}$ in the length, length of head 4. Diameter of eye $3\frac{1}{3}$ to $3\frac{2}{3}$ in the length of head. Mouth little oblique; lower jaw included within the upper; snout rather pointed. Dorsal 9, with 7 branched rays. Anal 9. Ventrals inserted in advance of the origin of dorsal, which is a little nearer to the base of caudal than to the tip of snout. 48 to 54 scales in a longitudinal series, 9 or 10 in a