

specimens collected at Juárez, Rio Grande, by Mr. A. J. Woolman, who determined them as *A. punctatus*. In these the occipital process is not notched posteriorly and scarcely reaches the second interneural, but whether this is the case in the adult fish I cannot say.

4. *Amiurus lupus*.

Amiurus lupus (Girard), Jord. & Everm. Bull. U.S. Nat. Mus. xlvii. 1896, p. 137¹; Meek, Publ. Columbian Mus., Zool. v. 1904, p. 14².

Hab. NORTH AMERICA, Texas¹.—MEXICO, Nuevo Leon² and Tamaulipas².

I have examined four specimens from the Rio Soto Marina (*Meek*), the largest measuring 150 mm.; the species attains to a length of 450 mm.

5. *Amiurus pricei*.

Villarius pricei, Rutter, Proc. Calif. Ac. Sci. (2) vi. 1896, p. 257¹; Jord. & Everm. Bull. U.S. Nat. Mus. xlvii. 1900, p. 2799².

Hab. Upper tributaries of the Rio Yaqui in Sonora and Southern Arizona^{1 2}.

I have examined one of the types, a specimen measuring 240 mm. in total length.

6. *Amiurus meeki*, sp. n. (Tab. XXIII. fig. 5.)

Amiurus pricei (non Rutter), Meek, Publ. Columbian Mus., Zool. v. 1904, p. 16¹.

Depth of body 5 in the length, length of head 4. Snout $1\frac{2}{3}$ as long as eye, the diameter of which is 5 in the length of head; interorbital width $3\frac{1}{3}$ in the length of head. Mouth subterminal; maxillary barbel extending to basal part of pectoral. 11 gill-rakers on the lower part of the anterior arch. Occipital process obtusely pointed, not quite reaching the second internasal. Dorsal I 6; spine short, $\frac{2}{3}$ the length of head. Anal 21, the free edge convex, the middle rays the longest. Pectoral spine $\frac{2}{5}$ the length of head, its inner edge with 5 strong serræ; humeral process extending beyond the middle of pectoral spine. Caudal deeply emarginate, the middle rays $\frac{2}{3}$ as long as the longest, the lobes rounded. A few indistinct small round dark spots on the sides; caudal with a dark edge.

Hab. MEXICO, Miñaca in Chihuahua (*Meek*¹). (Also recorded by Meek from Lerdo and Durango in Durango.)

A single specimen, 105 mm. in total length.

7. *Amiurus australis*.

Amiurus australis, Meek, Publ. Columbian Mus., Zool. v. 1904, p. 13¹.

Hab. MEXICO, Rio Forlon in Tamaulipas¹, Rio Blanco in Vera Cruz¹.

8. *Amiurus mexicanus*.

Amiurus mexicanus, Meek, Publ. Columbian Mus., Zool. v. 1904, p. 15¹.

Hab. MEXICO, Rio Verde in San Luis Potosi¹.