

Hab. SOUTHERN MEXICO, Cordova ^{1 2 5 6} (*Boucard*), Otopa ⁵, Motzorongo ⁵, Refugio ⁵, El Hule ⁵, Obispo ⁵, Sanborn ⁵, Oaxaca (*Gadow* ⁶).

Several specimens, measuring up to 100 mm. in total length.

4. *Xiphophorus guentheri*.

Xiphophorus helleri (part.), Günth. Cat. Fish. vi. p. 349 (1866) ¹, and Trans. Zool. Soc. vi. 1868, p. 485, t. 87. figs. 2-5 ².

Xiphophorus guentheri, Jord. & Everm. Bull. U.S. Nat. Mus. xlvii. 1896, p. 702 ³.

Depth of body 3-3½ in the length, length of head 4½. 28 or 29 scales in a longitudinal series. Dorsal 13-14. Anal 9-10. Dorsal rays, in the males, increasing in length throughout. Least depth of caudal peduncle nearly equal to the length of head. Olivaceous, with brownish longitudinal stripes or series of spots along the rows of scales.

Hab. GUATEMALA, Rio Chisoy ^{1 2} (*Godman and Salvin*).

Here described from eight specimens, measuring up to 100 mm. in total length. Jordan and Evermann gave a name to this form because they considered the dark irregular blotches on some of the specimens figured by Günther were a specific character. This is not the case, for in this, as in many other species of the family, the dark spotting or marbling is found only on some individuals.

5. *Xiphophorus brevis*. (Tab. XIV. figg. 8, 9.)

Xiphophorus brevis, Regan, Ann. Mag. Nat. Hist. (7) xix. 1907, p. 65 ¹.

Depth of body 2½-2¾ in the length, length of head 3¾-3¾. 27 scales in a longitudinal series. Dorsal 13-15. Anal 9-10. Least depth of caudal peduncle nearly equal to the length of head, equal to the distance from end of dorsal to base of caudal. Olivaceous; 3 or 4 indistinct darker longitudinal stripes at the edges of the series of scales on the sides of the body.

Hab. BRITISH HONDURAS, Stann Creek (*Robertson*) ¹.

Here described from two specimens, male and female, 70 and 75 mm. in total length.

16. ANABLEPS, Bloch, 1795.

Anableps, Günth. Cat. Fish. vi. p. 337 (1866).

Viviparous. Anal fin, in the male, modified into an intromittent organ, covered with scales and with a terminal orifice. Mouth small or moderate; teeth pointed, in bands. Eyes placed high, each divided into an upper and a lower portion, the former above the level of the rest of the head. Dorsal fin short, with 8-12 rays, posterior in position; anal with 10-12 rays, in advance of the dorsal.

This remarkable genus comprises three species, two of which are restricted to the rivers of tropical South America.

1. *Anableps dowii*.

Anableps dowei, Gill, Proc. Ac. Philad. 1864, p. 4 ¹.

Anableps dowii, Günth. Cat. Fish. vi. p. 338 (1866) ²; Jord. & Everm. Bull. U.S. Nat. Mus. xlvii. 1896, p. 685 ³; Meek, Publ. Columbian Mus., Zool. v. 1904, p. 136 ⁴.

Anableps dowii, Garm. Mem. Mus. Comp. Zool. xix. 1895, p. 79 ⁵.