

**Cichlosoma citrinellum** (p. 25).

A specimen has been received from Juan Viñas, Costa Rica (*Underwood*). This species is recorded from Lago de Guila and Lago de Asososca in Nicaragua by Meek (Publ. Columbian Mus., Zool. vii. 1907, p. 152).

34 (A). **Cichlosoma granadense**.

*Cichlasoma granadense*, Meek, Publ. Columbian Mus., Zool. vii. 1907, p. 121.

Apparently intermediate between *C. citrinellum* and *C. erythræum*, with the lips and dentition of the former and the low spinous dorsal fin of the latter.

*Hab.* LAKES MANAGUA AND NICARAGUA.

35 (A). **Cichlosoma dorsatum**.

*Cichlasoma dorsatum*, Meek, Publ. Columbian Mus., Zool. vii. 1907, p. 123.

Differs from *C. erythræum* in the longer pectoral fin, which is a little longer than the head and extends to the soft-rayed portion of the anal fin.

*Hab.* NICARAGUA, Lake Managua.

**Cichlosoma affine** (p. 26).

This species is recorded by Barbour and Cole (Bull. Mus. Comp. Zool. 1. 1906, p. 158) from near Progreso in Yucatan.

46 (A). **Cichlosoma centrale**.

*Cichlasoma centrale*, Meek, Publ. Columbian Mus., Zool. vii. 1907, p. 94.

Apparently very similar to *C. urophthalmus*, but distinguished by the lower spinous dorsal (longest spine less than  $\frac{2}{5}$  the length of head).

*Hab.* GUATEMALA, Caballo Blanco, Pacific slope.

46 (B). **Cichlosoma tenue**.

*Cichlasoma tenue*, Meek, Publ. Columbian Mus., Zool. vii. 1907, p. 94.

Differs from *C. centrale* in the slender body (depth  $2\frac{3}{4}$  in the length) and the more produced vertical and ventral fins.

*Hab.* MEXICO, Achotal in Vera Cruz.

**Cichlosoma trimaculatum** (p. 28).

Recorded from Achotal in Vera Cruz by Meek (Proc. Biol. Soc. Washington, xviii. 1905, p. 245).

47 (A). **Cichlosoma mojarra**.

*Cichlasoma mojarra*, Meek, Publ. Columbian Mus., Zool. v. 1904, p. 217, fig. 71<sup>1</sup>; Proc. Biol. Soc. Washington, xviii. 1905, p. 244<sup>2</sup>.

*Hab.* MEXICO, San Gerónimo in Oaxaca<sup>1 2</sup>.