

## CYPRINODON (p. 82).

**Cyprinodon bovinus** (p. 83).

This species is recorded (as *Cyprinodon eximius*) by Barbour and Cole (Bull. Mus. Comp. Zool. 1. 1906, p. 157) from near Progreso, Yucatan.

## 4 (A). JORDANELLA, Goode &amp; Bean, 1879.

(To precede the genus *Zoogoneticus*, p. 85.)

*Jordanella*, Jord. & Everm. Bull. U.S. Nat. Mus. xlvii. 1896, p. 677.

Differs from *Cyprinodon* in the longer dorsal fin with 15 to 18 rays, the first of which is a stout spine.

A single species.

1. **Jordanella floridæ.**

*Jordanella floridæ*, Goode & Bean, Proc. U.S. Nat. Mus. ii. 1879, p. 117<sup>1</sup>; Jord. & Everm. Bull. U.S. Nat. Mus. xlvii. 1896, p. 677<sup>2</sup>, and 1900, fig. 298<sup>3</sup>; Barbour & Cole, Bull. Mus. Comp. Zool. 1. 1906, p. 157<sup>4</sup>.

*Hab.* NORTH AMERICA, Florida<sup>1 2</sup>.—MEXICO, near Progreso, Yucatan<sup>4</sup>.

## GAMBUSIA (p. 93).

**Gambusia fasciata** (p. 95).

Recorded from Caballo Blanco, Pacific slope of Guatemala, by Meek (Publ. Columbian Mus., Zool. vii. 1907, p. 137).

## GIRARDINUS (p. 99).

**Girardinus lutzi** (p. 99).

Recorded from the Rio Motagua in Guatemala by Meek (Publ. Columbian Mus., Zool. vii. 1907, p. 137).

## PÆCILIA (p. 100).

4 (A). **Pæcilia caucana.**

*Girardinus caucanus*, Steind. Denkschr. Ak. Wien, xlii. 1880, p. 87, t. 6. figs. 4 & 5<sup>1</sup>.

*Pæcilia tenuis*, Meek, Publ. Columbian Mus., Zool. vii. 1907, p. 147<sup>2</sup>.

*Pæcilia sphenops*, Regan (part.), anteà, p. 102, t. 13. fig. 2<sup>3</sup>.

*Hab.* COSTA RICA, San José<sup>2 3</sup> (*Biolley*) and Rio Maria Aguilar<sup>2</sup>.—COLOMBIA, Rio Cauca<sup>1</sup>.

The specimens from Costa Rica referred to *P. sphenops*, one of which is figured (Tab. XIII. fig. 2), appear to differ from *P. sphenops* in the greater length of the anterior dorsal rays and in the presence of a dark spot at the base of the dorsal fin. This species seems to be the one described by Steindachner as *Girardinus caucanus*.