

times in the length of the head in four specimens of the latter species, 85 to 260 mm. in total length. *C. gadovii* is subject to the same range of variation in colour-markings as *C. fenestratum*; in some specimens the dark cross-bars are strongly marked and the longitudinal band is scarcely visible, in others the cross-bars are faint and the longitudinal band is very strong. It is curious that Dr. Meek, who has had the privilege of collecting these fishes, should attempt to distinguish in this respect between *C. parma* (= *fenestratum*), with the lateral band faint or absent, and *C. melanurum* (= *gadovii*), with a conspicuous dark lateral band.

12. **Cichlosoma anguliferum**, Günth., 1862.

Cichlosoma intermedium, var. *anguliferum*, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 233.

Hab. GUATEMALA, Rio de Santa Isabel (*Salvin*), Rio Santa near Cahabon (*Sarg*).

The slight difference in colour-markings between this species and the next appears to be correlated with other slight peculiarities, so that I am inclined to provisionally recognize them as distinct. In *C. anguliferum* the interorbital space is a little wider and the dorsal spines rather higher than in *C. intermedium*, the last spine measuring rather more than $\frac{2}{5}$ the length of the head in the former and distinctly less than $\frac{2}{5}$ of the head in the latter species.

13. **Cichlosoma intermedium**, Günth., 1862.

Cichlosoma intermedium (part.), Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 232.

Hab. GUATEMALA, Lake Peten (*Salvin*).

14. **Cichlosoma pavonaceum**, Garman, 1881.

Cichlosoma pavonaceum, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 234.

Hab. NORTHERN MEXICO, Monclova in Coahuila.

15. **Cichlosoma sieboldii**, Kner & Steind., 1864.

Cichlosoma sieboldii, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 235.

Hab. PANAMA.—COLOMBIA.

Heros deppii, Heckel, 1840, from Mexico, may be allied to this species.

16. **Cichlosoma godmani**, Günth., 1862.

Cichlosoma godmanni, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 235.

Hab. GUATEMALA, Rio Cahabon (*Salvin*).

17. **Cichlosoma irregulare**, Günth., 1862.

Cichlosoma irregulare, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 236¹.

Hab. GUATEMALA, Lake Yzabal, Rio Gerónimo, Rio Usumacinta (*Salvin*), Lake San Cristobal (*Sarg*).