

30. **Cichlosoma heterodontum**, Vaill. & Pellegr., 1902.*Cichlosoma heterodontus*, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 241.*Hab.* SOUTHERN MEXICO, Tequixistlan in Oaxaca (*Gadow*), Tehuantepec.

Dr. Meek * considers me to be in error in placing his *C. evermanni* in the synonymy of *C. heterodontum*, and would distinguish between *C. evermanni*, with all the teeth conical and the fold of the lower lip continuous, but freer at the sides than in front, and *C. heterodontum*, with some of the teeth worn and ending in a flat circular surface and the fold of the lower lip interrupted. The examination of a series of specimens of the closely allied *C. macracanthus* has shown me that both conditions of the dentition and of the lower lip are to be found in that species. Three small specimens of *C. heterodontum* were collected by Dr. Gadow at Tequixistlan. The largest (125 mm.) has some of the teeth worn and the fold of the lower lip continuous. The others (53 and 76 mm.), formerly referred by me to *C. macracanthus*, have conical teeth, but the fold of the lower lip is interrupted.

31. **Cichlosoma altifrons**, Kner & Steind., 1863.*Cichlosoma altifrons*, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 242.*Hab.* PANAMA.—COLOMBIA.32. **Cichlosoma rostratum**, Gill & Bransf., 1877. (Tab. VII. fig. 1.)*Cichlosoma rostratum*, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 243.*Hab.* LAKE NICARAGUA.33. **Cichlosoma margaritiferum**, Günth., 1862.*Cichlosoma margaritiferum*, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 316.*Hab.* GUATEMALA (*Salvin*).34. **Cichlosoma citrinellum**, Günth., 1864.*Cichlosoma citrinellum*, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 316.*Hab.* LAKES MANAGUA (*Dow*) AND NICARAGUA (*Salvin*).35. **Cichlosoma erythræum**, Günth., 1869.*Cichlosoma erythræum*, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 318.*Hab.* LAKE MANAGUA (*Dow*).36. **Cichlosoma lobochilus**, Günth., 1869.*Cichlosoma lobochilus*, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 318.*Hab.* LAKE MANAGUA (*Dow*).

* Proc. Biol. Soc. Washington, xviii. 1905, p. 244.