

Depth of præorbital $\frac{2}{3}$ the diameter of eye (in a specimen of 115 mm.) or equal to it (in the adult fish) ; caudal peduncle $\frac{2}{3}$ to $\frac{4}{5}$ as long as deep . 51. *motaguense*.

IV. D. XVIII 10-12. A. VI-VII 8-10. Præmaxillary spines $\frac{3}{5}$ or slightly more than $\frac{3}{5}$ the length of head, extending to above posterior edge of orbit ; maxillary extending to below anterior $\frac{1}{3}$ or middle of eye ; canines strong ; last dorsal spine $\frac{1}{3}$ the length of head.

D. XVIII 10. A. VII 8. Maxillary extending to below middle of eye ; depth of præorbital $\frac{2}{5}$ to $\frac{1}{2}$ the diameter of eye (in specimens of 187 to 195 mm.) 52. *managuense*.

D. XVIII 12. A. VI 9-10. Maxillary extending to below anterior $\frac{1}{3}$ of eye ; depth of præorbital $\frac{2}{3}$ to $\frac{3}{4}$ the diameter of eye (in specimens of 140 to 144 mm.) 53. *dovii*.

41. **Cichlosoma istlanum**, Jord. & Snyder, 1899.

Cichlosoma istlanum, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 326.

Hab. MEXICO, Rio Balsas and its tributaries.

42. **Cichlosoma steindachneri**, Jord. & Snyder, 1899.

Cichlosoma steindachneri, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 444.

Hab. MEXICO, Rio Panuco and its tributaries.

43. **Cichlosoma bartoni**, Bean, 1892.

Cichlosoma bartoni, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 445

Hab. MEXICO, Rio Panuco and its tributaries.

44. **Cichlosoma beani**, Jord., 1888. (Tab. VI. fig. 1.)

Cichlosoma beani, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 328.

Hab. MEXICO, rivers of Sinaloa and Jalisco.

45. **Cichlosoma mento**, Vaill. & Pellegr., 1902.

Cichlosoma mento, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 329.

Hab. SOUTHERN MEXICO, Rio Negro.

46. **Cichlosoma urophthalmus**, Günth., 1862.

Cichlosoma urophthalmus, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 332.

Hab. MEXICO, Yucatan ; BRITISH HONDURAS ; GUATEMALA, Lake Peten (*Salvin*).

47. **Cichlosoma trimaculatum**, Günth., 1869.

Cichlosoma trimaculatum, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 333.

Hab. SOUTHERN MEXICO, Oaxaca and Tehuantepec ; GUATEMALA, Huamuchal and Chiapam (*Salvin*).