

18. *Cichlosoma lentiginosum*, Steind., 1864.*Cichlosoma lentiginosum*, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 237.*Hab.* "MEXICO."

Probably an inhabitant of Southern Mexico.

19. *Cichlosoma balteatum*, Gill & Bransf., 1877. (Tab. II. fig. 1.)*Cichlosoma balteatum*, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 238.*Hab.* LAKE NICARAGUA.20. *Cichlosoma nicaraguense*, Günth., 1864.*Cichlosoma nicaraguense*, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 238.*Hab.* LAKE NICARAGUA.

## Section 2. ARCHOCENTRUS, Gill, 1877.

Very closely allied to *Theraps*, but with the anterior pair of teeth of the outer series in the upper jaw often somewhat enlarged, with a longer pectoral and more numerous anal spines. The group may be thus defined:—Body rather deep (depth  $1\frac{3}{4}$  to  $2\frac{1}{2}$  in the length, caudal peduncle  $\frac{1}{2}$  to  $\frac{2}{3}$  as long as deep); mouth rather small, moderately protractile (maxillary not extending beyond the vertical from anterior margin of eye, præmaxillary spines extending to just above the anterior margin of eye). D. XVII–XIX 7–10, the soft fin scaly at the base. A. VIII–XII 6–9. Pectoral extending beyond the origin of anal; caudal rounded or subtruncate.

Six species, from Southern Mexico, British Honduras, Guatemala, and Nicaragua.

*Synopsis of the Species.*

- I. 6 to 8 gill-rakers on the lower part of anterior arch.  
 A. Maxillary extending to the vertical from anterior margin of eye.  
 D. XVII–XVIII 8–9. A. VIII–X 6–8. 2 or  $2\frac{1}{2}$  scales between lateral line and base of anterior part of soft dorsal . . . . . 21. *nigrofasciatum*.  
 D. XVII–XIX 8–10. A. VIII–X 7–8.  $3\frac{1}{2}$  or 4 scales between lateral line and base of anterior part of soft dorsal . . . . . 22. *octofasciatum*.  
 B. Maxillary not extending to the vertical from anterior margin of eye.  
 a. Pectoral as long as or a little longer than the head. D. XVIII–XIX 9–10. A. VIII–X 7–8 . . . . . 23. *spilurum*.  
 b. Pectoral  $\frac{4}{5}$  the length of head.  
 D. XVIII–XIX 9–10. A. IX 9 . . . . . 24. *immaculatum*.  
 D. XVIII–XIX 7–8. A. XI–XII 7–8 . . . . . 25. *spinosissimum*.  
 II. 15 gill-rakers on the lower part of the anterior arch. D. XVI 8–9.  
 A. X–XI 8–9 . . . . . 26. *centrarchus*.

21. *Cichlosoma nigrofasciatum*, Günth., 1869.*Cichlosoma nigrofasciatum*, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 75.*Hab.* GUATEMALA, Lakes Amatitlan and Atitlan (*Salvin*).