Depth of body 7 in the length, length of head 4½. Breadth of head 1¼ in its length, length of snout 2¼, diameter of eye 5½, interorbital width 4. Jaws nearly equal anteriorly; width of mouth ¾ the width of head. Maxillary barbel extending to origin of adipose fin *. Head covered with smooth skin; opisthocranial process extending ½ of the distance from its base to the origin of dorsal. 11 gill-rakers on the lower part of the anterior arch. Dorsal I 6; spine slender, fin rounded. Length of adipose fin 2½ in the length of the fish. Anal 13. Humeral process extending slightly beyond the middle of the pectoral spine, which is about ¾ the length of the fin and nearly ½ the length of head. Ventral insertions behind the last dorsal ray, extending ¾ of the distance from their base to the origin of anal. Caudal deeply notched. Least depth of caudal peduncle 2½ in the length of head and 2½ in the distance from the anal to the base of caudal. Brownish.

Hab. Lake Nicaragua ¹ (Dow).

Here described from the type, measuring 190 mm. in total length.

4. Rhamdia boucardi. (Tab. XX. fig. 3.)


Depth of body 6½ in the length, length of head 4. Breadth of head 1½ in its length, length of snout 2½, diameter of eye 6, interorbital width 3. Lower jaw nearly as long as the upper; width of mouth ¾ the width of head. Maxillary barbel extending to origin of adipose fin. Head covered with smooth skin; opisthocranial process rather strong, extending ½ of the distance from its base to the origin of dorsal. 12 or 13 gill-rakers on the lower part of the anterior arch. Dorsal I 6, the spine slender, the fin rounded. Adipose fin ¾ the length of the fish. Anal 14; when laid back nearly reaching the vertical from the end of adipose fin. Pectoral spine with serrated inner edge, about ¾ the length of the fin and ¾ the length of head; humeral process long, nearly reaching the middle of the fin. Ventral insertions nearly below the last dorsal ray, extending more than ¾ of the distance from their base to the origin of anal. Caudal deeply notched, the lobes rounded, the lower the larger. Least depth of caudal peduncle 3 in the length of head, and 2½ in the distance from anal to base of caudal. Blackish.

Hab. Mexico, Yucatan ¹ (Boucard).

Here described from the type, a specimen measuring 190 mm. in total length.

5. Rhamdia wagneri.


Depth of body about 6 in the length, length of head 4½ to 4¾. Breadth of head 1½ to 1¾ in its length, length of snout 2½ to 2¾, diameter of eye 6 to 7, interorbital width 2½ to 3. Lower jaw nearly as long as the upper; width of mouth about ¾ the width of head. Maxillary barbel extending about to the origin of adipose fin. Head covered with smooth skin; opisthocranial process extending ½ of the distance from its base to the origin of dorsal. 7 to 9 gill-rakers on the lower part of anterior arch. Dorsal I 6; spine slender, fin rounded. Length of adipose fin 2½ to 3 in the length of the fish. Anal 10–12, when laid back nearly reaching the vertical from end of adipose fin. Humeral process extending about to the middle of

* As described by Günther. Both barbels are now broken off in the type, the longest reaching the middle of the dorsal.

† *Rhamdia depressa* is probably the same as *R. boucardi*, but the description is insufficient and the figure bad.