

*Hab.* MEXICO, Michoacan (*Mus. Mexico*), Hacienda del Hobo, Southern Mexico (*Geddes*), Misantla \*, Vera Cruz<sup>1</sup> (*Mus. Brit.*).

I have examined several examples, measuring up to 120 mm. in total length.

### 3. *Sicydium multipunctatum*, nom. nov. (Tab. I. fig. 1.)

*Cotylopus punctatus* †, Regan, Ann. Mag. N. H. (7) xvi. 1905, p. 362<sup>1</sup>.

Horizontal teeth of lower jaw concealed. Scales not extending forward on to the head; abdomen with a median naked area; 85 scales in a longitudinal series. Dorsal VI, I 10. Anal I 11. Head covered with small dark spots; a similar spot on each scale of the body; numerous small dark spots on the dorsal fins and on the base of the pectoral.

*Hab.* MEXICO, Tequixistlan in Oaxaca (*Gadow*<sup>1</sup>).

This species is known only from the type, a specimen 132 mm. in total length.

## 5. CHONOPHORUS, Poey, 1861.

*Awaous*, Jord. & Everm. Bull. U.S. Nat. Mus. xlvii. 1898, p. 2234.

Body elongate, little compressed; head naked, elongate; mouth moderate or large, horizontal; jaws equal anteriorly or the lower the shorter, with narrow bands of small pointed teeth and an outer series of more or less distinctly enlarged teeth; palate toothless. Eyes moderate, placed high; interorbital region rather narrow. Gill-opening nearly vertical, placed in front of the base of the pectoral, scarcely produced forward below; 2 or 3 fleshy flaps on the anterior edge of the pectoral arch, projecting into the branchial chamber and covered by the operculum. Scales small or moderate, ctenoid. Two dorsals, with VI, I 9-12 rays; anal with I 9-13 rays; caudal rounded; pectoral symmetrical, rounded; ventrals completely united to form a rounded disc, which is free from the body and has a well-developed basal membrane.

This genus comprises about ten species from the Tropics, all of which enter or reside in rivers. The species are variable and difficult to define; the males differ from the females in having the snout more produced and the mouth larger.

### 1. *Chonophorus banana*.

? *Gobius taiasica*, Lichtenstein, Berl. Abhandl. 1822, p. 273<sup>1</sup>.

*Gobius banana*, Cuv. & Val. Hist. Nat. Poiss. xii. p. 103 (1837)<sup>2</sup>; Günth. Cat. Fish. iii. p. 59 (1861)<sup>3</sup>; Steind. Sitzungsber. Ak. Wien, lvi. 1867, p. 351<sup>4</sup>; Cope, Trans. Am. Phil. Soc. xiv. 1871, p. 473<sup>5</sup>; Jord. & Gilb. Proc. U.S. Nat. Mus. 1882, pp. 368 & 379<sup>6</sup>.

*Gobius martinicus*, Cuv. & Val. t. c. p. 105<sup>7</sup>; Casteln. Anim. Am. Sud, Poiss. p. 26 (1855)<sup>8</sup>.

*Gobius mexicanus*, Günth. t. c. p. 61<sup>9</sup>.

*Chonophorus bucculentus*, Poey, Mem. ii. p. 275 (1861)<sup>10</sup>.

*Rhinogobius contractus*, Poey, t. c. p. 424<sup>11</sup>, and Enum. p. 125 (1875)<sup>12</sup>.

*Rhinogobius bucculentus*, Poey, Syn. p. 394 (1868)<sup>13</sup>, and Enum. p. 125<sup>14</sup>.

*Gobius dolichocephalus*, Cope, Trans. Am. Phil. Soc. 1869, p. 403<sup>15</sup>.

\* This locality was erroneously given as Mazatlan in the original description.

† The differences in the form of the upper teeth appear to be too much subject to intergradation to serve for generic distinctions. If *Cotylopus* be not recognized, the name *punctatus* must be changed, being preoccupied in *Sicydium* by *S. punctatum*, Perugia, 1896.