

*Antigonia*, Lowe.*Antigonia capros*.

*Antigonia capros*, Lowe, Proc. Zool. Soc. Lond., 1843, p. 85.

„ „ Günth., Fish., vol. ii. p. 497.

„ „ Steindachner, Denkschr. d. k. Akad. d. Wiss. Wien, xlix., 1884, p. 187, pl. v.

*Caprophonus aurora*, Müll. and Trosch., Hor. ichth., iii. p. xxviii. taf. v. fig. 1.

*Hypsinothus rubescens*, Schleg., Faun. Jap. Poiss., p. 84, pl. lxii. fig. 2.

„ „ Günth., Report on the Shore Fishes, Zool. Chall. Exp., part vi. p. 44.

Steindachner observes that the height of the body decreases with age relatively to the length of the fish. This is true within the limits of more or less advanced age, but exactly the reverse is the case when young specimens are taken into consideration, as I have already mentioned in the Report on the Shore Fishes, and as will be seen from the following table, in which the total length is given with exclusion of the caudal fin :—

	Total length.	Height of body.
<i>a.</i> Ki Islands, . . . . .	16 lines.	14 lines.
<i>b.</i> Ki Islands, . . . . .	21 „	22 „
<i>c.</i> Ki Islands, . . . . .	25 „	33 „
<i>d.</i> Manado, . . . . .	27 „	35 „
<i>e.</i> Japan, . . . . .	78 „	84 „
<i>f.</i> Barbados, . . . . .	60 „	59 „
<i>g.</i> Madeira, . . . . .	69 „	70 „

Probably the proportions of the body are also subject to some slight individual variation, as is also the case with respect to the length of the third and longest dorsal spine, which in old specimens is much shorter than the head, whilst it is comparatively more slender and longer in some of the younger specimens. At a certain age a blackish ocular band is visible, with traces of a second below the commencement of the dorsal fin. These bands are visible in specimen *b*, but not in *a* or *c*.

This fish is an inhabitant of moderate depths and has a wide distribution; it is therefore not very scarce. We have received specimens from Madeira, Barbados and Manado; several collectors have found it in Japan, and the Challenger obtained three specimens near the Ki Islands, from a depth of 129 fathoms.

*Diretmus*.

*Diretmus*, Johns., Proc. Zool. Soc. Lond., 1863, p. 403.

*Discus*, Campbell, Trans. New Zeal. Inst., vol. xi., 1879, p. 297.

Body much compressed, short and elevated, covered with small, coarsely spinous scales, on which no lateral line can be traced; abdomen prominent and keeled. Mouth