

*Ophiostigma africanum*, Lym. (Pl. XVIII. figs. 17-19).

*Ophiostigma africanum*, Lym., Bull. Mus. Comp. Zool., vol. vi., part 2, p. 41, pl. xiii. figs. 368-370, 1879.

Arms more than eight times the diameter of disk. Outer mouth papillæ very wide. Radial shields long, narrow, and joined.

(Type specimen from Cape de Verde Island.) Diameter of disk 2·2 mm. Length of arm 18 mm. Width of arm near disk ·6 mm. Three mouth papillæ on each side of a mouth angle, whereof the two inner ones are small, short, and almost conical, while the outer is straight and very wide, extending from the first under arm plate about two-thirds the length of an angle. Mouth shields three-sided, with rounded angles, bounded without by a curve, and within by a rounded angle; length to breadth, ·2 : ·3. Side mouth shields wide, a little broader without than within, where they fully meet. Under arm plates small, pentagonal, with outer side nearly straight, lateral sides a little re-enteringly curved, and an angle within. Side arm plates nearly meeting above and below, and having a thick, low, spine crest. Upper arm plates small, irregular transverse oval, with the inner curve deeper than the outer. Disk rather thick, standing nearly clear of the arms, as is usual in the genus: covered with fine, thin, nearly equal, indistinct scales, whereof most are rounded, but some, near the centre, are angular: there are about twelve in the length of 1 mm. where they are finest. Along margin of disk are minute, peg-like, scattered spines, which are not jointed at the base. Radial shields long, narrow, and closely joined; length to breadth, ·6 : ·2. At their outer ends are visible the points of the genital plates, in two little lobes. Three stout, equal, peg-like, very short arm spines, standing nearly at right angles with the arm. Two minute, longer than broad tentacle scales standing diagonally with the arm plate. Colour in alcohol, nearly white.

St. Vincent, Cape de Verde Islands.

*Ophiostigma africanum* differs from *Ophiostigma isacanthum* in having longer arms, and longer, narrower radial shields; and from *Ophiostigma formosa* by its wide outer mouth papilla and longer arms.

Species of *Ophiostigma* not herein described.*Ophiostigma isacanthum*, Lym. (Pl. XLII. fig. 16).

*Ophiostigma isacanthum*, Lym., Ill. Cat. Mus. Comp. Zool., No. i. p. 103, figs. 8, 9, 1865; Bull. Mus. Comp. Zool., vol. v., part 9, p. 224.

*Ophiura isacantha*, Say, Journ. Phil. Acad., vol. v., p. 150, 1825.

*Ophiostigma moniliforme*, Ltk., Addit. ad Hist., part 2, p. 132, 1859.

West Indies; littoral to 63 fathoms.