

Ophiochæta setosa, Ltk., Addit. ad Hist., part 3, p. 38, 1869; Ljn., Dr. Goës, Oph. Öf. Kong. Akad., p. 639, 1871.
Fiji Islands.

Species of *Ophiochæta* not herein described.

Ophiochæta (?) *mixta*, Lym. (Pl. XXXIX. figs. 15-17).

Ophiochæta (?) *mixta*, Lym., Bull. Mus. Comp. Zool., vol. v., pt. 9, p. 222, pl. ii. figs. 40-42, 1878.
West Indies; 160 to 242 fathoms.

GROUP II.—Arm spines on sides of side arm plates and at a strong angle to arm.

Ophiopholis (*Ophiolepis*).

Ophiopholis, Müll. & Tr., Syst. Ast., 1842.

Disk more or less covered with grains, or little spines. Teeth. No tooth papillæ. Mouth papillæ on the sides of the mouth frames. Arm spines short, flat, and stout. Upper arm plates surrounded by a rim of supplementary pieces. The lowest spine of the outer arm joints is a hook. General structure rather coarse and stout. Two genital openings beginning outside the mouth shields.

The disk covering, seen from within, consists of overlapping scales, and large, rather thin, radial shields. To the outer end of the genital plate, which is remarkable for its thick, tapering, cylindrical form, is attached a small, very short, curved scale. The peristomial plate is small and linear, just covering the nerve ring. Otherwise of the normal type, the arm bones are somewhat remarkable for their large wings.

TABLE OF SPECIES OF *Ophiopholis*.

Radial shields and most of upper disk naked: edges of disk and interbrachial spaces below sparsely granulated, or set with minute spines. Arm spines longer and more slender than in the other species,	} <i>Ophiopholis japonica</i> .
Radial shields and primary plates naked, and separated by lines of granules or minute spines, which are continued on the interbrachial spaces below. Arm spines thick and blunt,	} <i>Ophiopholis mirabilis</i> .
Disk wholly granulate or minutely spined except primary plates. Arm spines thick and blunt,	} <i>Ophiopholis aculeata</i> .
Similar to preceding, but only primary plates of brachial spaces are naked,	} <i>Ophiopholis kennerlyi</i> .
Similar to preceding, but entire disk above and interbrachial spaces below granulate, or spinous,	} <i>Ophiopholis caryi</i> .