

Ophiogeron edentulus, Lym. (Pl. XII. figs. 16–18), Bull. Mus. Comp. Zool., vol. v., part 7, p. 161, pl. vii. figs. 187–189, 1878.

Two or three feeble pointed teeth; otherwise the mouth angle quite naked. Two stout arm spines, which, stripped of skin, show longitudinal rows of hooked thorns.

(Type specimen from Station 175.) Diameter of disk 3 mm. Length of arm about 14 mm. Width of same close to disk, without spines, 1 mm. Mouth angles quite naked, except one small pointed papilla at apex of jaw and two or three more that represent teeth. Mouth shields rounded triangular; length and breadth about equal, with an angle within, and outer side rounded. Side mouth shields rather large, curved, longer than wide, broadest within, where they meet. First under arm plate narrow, five-sided, with inner edge straight, a broad angle without, and re-entering curves on the lateral sides, second plate similar, but narrower and with the angle inward. Those beyond are further modified by having the outer and inner sides curved. Side arm plates broad and meeting below, beyond the second under arm plate; flaring somewhat toward their outer edge. The arm plates and mouth shields are more or less obscured by thick skin. Along the upper side of the arm the central ridge of the arm bones shows through the skin. Disk flat and thin, completely covered with a naked wrinkled skin. Two short tapering arm spines, which when stripped of skin present longitudinal rows of slightly hooked thorns. No tentacle scales, but large pores from which long smooth tentacles protrude. Colour in alcohol, greyish.

Station 76.—July 3, 1873; lat. 38° 11' N., long. 27° 9' W.; 900 fathoms; globigerina ooze. Station 175.—August 12, 1874; lat. 19° 2' S., long. 177° 10' E.; 1350 fathoms; red clay.

Ophiohelus.

Ophiohelus, Lym., Anniv. Mem. Bost. Soc. Nat. Hist., 1880.

Disk covered with a delicate, film-like scaling, without radial shields. Arm bones composed of two halves like curved bars, lying side by side, joined at their ends and enclosing an oval hole. Mouth papillæ spiniform and arranged in a single row; teeth similar; no tooth papillæ. On the outer joints of the arm, the true arm spines cease, and are replaced by two or more rows of minute spines or pedicellariæ, which have the form of a long-handled parasol.

Ophiohelus pellucidus, Lym. (Pl. XXVIII. figs. 5–9).

Ophiohelus pellucidus, Lym., Anniv. Mem. Bost. Soc. Nat. Hist., pl. i. figs. 11–15, 1880.

Parasol spines short and stout; in two rows, three or four in a row. Disk smooth. No tentacle scales.