

from above the young enclosed in their bursæ (Pl. XLVII. fig. 2); or rather, perhaps, in pockets leading out of the bursæ.

Kerguelen Island; 20 to 75 fathoms. Off Marion Island; 50 to 75 fathoms.

*Ophioglypha falcifera*, Lym., Bull. Mus. Comp. Zool., vol. i., part 10, p. 319, 1869; vol. v., part 7, p. 99; vol. v., part 9, p. 218; Ill. Cat. Mus. Comp. Zool., No. vi., pl. i. figs. 3-5.

Station 24.—March 25, 1873; off Culebra Island; 390 fathoms; mud.

*Ophioglypha flagellata*, Lym. (Pl. IV. figs. 16-18).

*Ophioglypha flagellata*, Lym., Bull. Mus. Comp. Zool., vol. v., part 7, p. 69, pl. ii. figs. 49-51.

Disk covered with smooth skin, through which the very small scales are scarcely or not at all visible. Arm spines long, broad, and flat.

(Type specimen from Station 232.) Diameter of disk 18 mm. Width of arm without spines 4 mm. Mouth papillæ, four or five on each side, small, tooth-like, separated, growing larger towards the apex of the jaw, where there is one large and club-shaped resembling the teeth above it. Mouth shield small, short, heart-shaped, with projecting corners and angle inward; length to breadth 2·7 : 3. Side mouth shields long and narrow, wider without than within, where they do not quite meet. First under arm plate broader than long, triangular or rudely hexagonal, with angles much rounded; the plates beyond are much wider than long, bounded within by a blunt angle and without by a curve having a little peak at its apex. Side arm plates rather thin, not meeting till some way beyond disk, widely separated above by upper arm plates, which are hexagonal, much broader than long, very flat and thin, with outer and inner edges straight, and ill-marked lateral angles. Disk flat, covered with a thick skin, under which the thin small scales are scarcely, or not at all, distinguishable. Radial shields very small, rounded, and widely separated; length to breadth 1 : 1·5. Interbrachial spaces below covered by regular rows of very fine, minute scales, extending quite to the margin. Genital scales long and very narrow, almost concealed by the disk scales; along the free edge is a row of very fine, delicately pointed papillæ, which grow longer as they pass upward to make a short arm comb. Arm spines longer than the joints, flat spatula shape, arranged in a cluster of three just outside the tentacle pores; of which those of the mouth tentacles are very large, and have six or seven thin, flat scales on each side; the next three have three long, thin flat scales on the inner side, and one or two very small slender ones on the outer side; beyond this, three only, on the inner side. Colour in alcohol, disk grey, upper arms yellowish-brown.

Station 232.—May 12, 1875; lat. 35° 11' N., long. 139° 28' E.; 340 fathoms; sandy mud.