

*Ophioglypha elevata*, Lym. (Pl. V. figs. 16-18).

*Ophioglypha elevata*, Lym., Bull. Mus. Comp. Zool., vol. v., part 7, p. 82, pl. iv. figs. 87-89, 1878.

Disk high and arched. Arms short and thick. Each under arm plate has a median, elongated, bead-like swelling.

(Type specimen from Station 145.) Diameter of disk 6 mm. Length of arm about 11 mm. Width of arm close to disk, without spines, 1.3 mm. Five short, square, closely-jointed mouth papillæ on each side, and one longer diamond-shaped at apex of jaw. Mouth shield longer than wide, broader without than within, deeply constricted at the sides, and curved at both ends; length to breadth 1 : .7. Side mouth shields narrow, of even width, curving round the inner lobe of the mouth shield and meeting within. First under arm plate triangular, with angle inward and outer side curved; second, third, and fourth plates four sided, with outer edge, which is wider than inner, curved, and lateral sides re-enteringly curved. There is a longitudinal swelling on the under arm plates which forms a continuous ridge within the disk. Side arm plates wide, little swollen, constricted within, not meeting below on basal joints; separated above by the upper arm plates, which are four sided, much broader than long, wider without than within, with outer and inner edges straight, and lateral sides re-enteringly curved. Disk thick and arched, covered with small, swollen, irregular scales, with one large pentagonal primary plate in centre. Radial shields small, as wide as long, irregularly triangular, joined their entire length; length to breadth .7 : .7. Lower interbrachial space filled with small rounded scales; along the free edge of the genital scale is a row of very minute pointed papillæ, which suddenly become long and spine-like as they pass upward to make the arm comb. Five short blunt arm spines, three well up on the edge of the side arm plate, and two somewhat shorter close to tentacle pores. On the mouth tentacle pores there are two large scales on either side; the other pores within the disk have three long rounded scales on the inner side, and one very wide, thick, erect scale on the outer side, the latter being sometimes in two pieces; beyond the disk there is on each pore a larger and a smaller short curved scale. Colour in alcohol, light brown.

Station 145.—December 27, 1873; lat. 46° 40' S., long. 37° 50' E.; 310 fathoms.

*Ophioglypha bullata*, Wyv. Thom. (Pl. XXXVIII. figs. 14-17).

*Ophioglypha bullata*, Wyv. Thom., Nature, vol. viii. p. 400 (figured), 1873; Voy. "Chall." Atlantic, vol. i. p. 400 (figured). Lym., Bull. Mus. Comp. Zool., vol. v., part 7, p. 83, pl. iii. figs. 85, 86.

Three minute, evenly spaced arm spines. Disk scales above rounded, and of various sizes, with large marginal plates. Disk high. Basal under arm plates about as long as broad. Arms high and rounded.

(Type specimen from Station 61.) Diameter of disk 11 mm. Length of arm 23 mm.