

piece long and narrow, tapering at each end, of which the outer is covered by a clump of small soldered papillæ, which pass upward and form a sort of arm comb. The rest of the lower interbrachial space is covered by five large and as many small plates. Arm spines minute and peg-like, one half-way up the side arm plate, and one near the junction of the upper arm plate with the side arm plate. Three large, square, close-set tentacle scales on either side of pores of mouth tentacles; on the second pair one peg-like scale, and on the rest two similar scales. Colour in alcohol, white.

Station 320.—February 14, 1876; lat. $37^{\circ} 17'$ S., long. $53^{\circ} 52'$ W.; 600 fathoms; hard ground.

Ophioglypha intorta, Lym. (Pl. VIII. figs. 13–15).

Ophioglypha intorta, Lym., Bull. Mus. Comp. Zool., vol. v., part 7, p. 98, pl. ii. figs. 41–43, 1878.

Side mouth shields very narrow. A small arm comb. Disk and arm plates thick, swollen, and closely soldered. Mouth papillæ and scales of mouth tentacles thick, squarish, irregular, and crowded.

Diameter of disk 9 mm. Length of arm 23 mm. Width of arm at disk 1.5 mm. Mouth papillæ angular, closely soldered, five or six on each side, and a larger, diamond-shaped, at angle of jaw. Mouth shield large, pentagonal, with a long angle within and outer edge rounded. Side mouth shields long, narrow, curved, and tapering towards either end, scarcely meeting within. First under arm plate triangular, with one angle inward, outer edge straight, and lateral sides curved; those beyond are wide pentagonal, with an angle within, and outer side a little curved. Side arm plates short and stout, scarcely meeting below within the disk, and separated above by the upper arm plates, which are swollen, broader than long, broader without than within, with a curved outer edge. Disk flat, covered with raised, irregularly shaped, angular plates, having deep furrows between them. Radial shields ovoid in outline, with the smaller end inward, separated by a wedge of three or four plates. Genital plates long and narrow, much wider without than within; along their free edge is a row of fine, short, upright papillæ, which pass upward and form an arm comb. Two short, thick, and blunt arm spines, one at centre of edge of the side arm plate, and another near junction of the upper arm plate. The pores of the mouth tentacles have three or four scales like mouth papillæ on each side; beyond there are two scales shaped like the arm spines. Colour in alcohol, light grey.

Off Marion Island; 50 to 75 fathoms.