

*Ophioglypha jejuna*, Lym. (Pl. V. figs. 4-6).

*Ophioglypha jejuna*, Lym., Bull. Mus. Comp. Zool., vol. v., part 7, p. 78, pl. ii. figs. 55, 56, 1878.

Three slender, pointed arm spines, about two-thirds as long as a joint. Disk scales few and mostly large. Radial shields large and jointed. Papillæ of arm comb close set, flat, and with rounded ends.

(Type specimen from Station 135.) Diameter of disk 5 mm. Width of arm 1 mm. Mouth papillæ small, tooth-like, and close set, five on each side, with a long pointed one at apex of jaw; those near the outer angle of the jaw broader than long, growing longer as they near the inner angle. Mouth shield pentagonal, length and breadth about equal, the outer and lateral sides curved, with corners rounded and a very blunt angle inward. Side mouth shields long and narrow, curved, with club-like outer ends; narrower within, where they barely meet. First under arm plate large and triangular, with outer end curved and a blunt angle inward; second and third plate five-sided, with lateral sides nearly straight and outer corners rounded. Side arm plates broad, slightly swollen, meeting below, but separated above on first two joints by upper arm plates, which are wedge-shaped, with outer side curved and a long sharp angle within; those beyond are similar, but separated by side arm plates. Disk flat and smooth, covered with thin rounded plates or scales; in centre of upper surface is a close rosette of five round primary plates, with three small ones in their midst; in each interbrachial space are two large rounded plates, of which the outer is marginal, with some small scales on either side. Radial shields rudely triangular, with an angle inward, joined, except at their inner points, where they are separated by a small wedgescale; length to breadth 1 : .7. Genital scales long and narrow, wider without than within, bearing on their free edge a row of fine, close-set, tooth-like papillæ, extending to base of upper arm plate, where they become scale-like and form the arm comb. Interbrachial spaces below covered by half a dozen rounded plates or scales of several sizes, whereof the largest lies on the margin. Arm spines three, delicately tapering, about two-thirds as long as a joint, equally spaced on the side arm plate. Scales of mouth tentacles small and tooth-like; four on the brachial side and five on the other; on the next three pores are only two pointed, spine-like scales. Colour in alcohol, brown.

Station 135.—October 16, 17, 18, 1873; off Tristan d'Acunha; 500 and 1000 fathoms; rock, shells. Station 164a.—June 13, 1874; lat. 34° 13' S., long. 151° 38' E.; 410 fathoms; blue mud.