

mouth angle seven papillæ, whereof the lateral were bead-like and had not yet become long and slender.

Station 344.—April 3, 1876 ; off Ascension Island ; 430 fathoms ; hard ground.

*Ophiacantha longidens*, Lym. (Pl. XXV. figs. 7-9).

*Ophiacantha longidens*, Lym., Bull. Mus. Comp. Zool., vol. v., part 7, p. 144, pl. x. fig. 274, 1878.

Disk closely set with slender stumps, each bearing a crown of three to five long delicate thorns ; arm spines translucent and thorny ; seven long slender mouth papillæ ; tentacle scales spiniform.

(Type specimen from Station Cebu, Philippines.) Diameter of disk 4 mm. Width of arm without spines 1 mm. Seven mouth papillæ to each angle, of which the lateral are long, spine-like and blunt ; and the innermost one is of a blunt spearhead form, like the four teeth above. Mouth shield small, wider than long, bounded by a curve without, and an angle within. Side mouth shields small, narrow, meeting within. First under arm plate small and rounded ; second of an irregular transverse diamond shape, wider than long, having the lateral corners sharp, and a slight lobe without (fig. 7) ; those immediately beyond are similar, having a wide axe shape, with a clean curve without. Upper arm plates small, of a wide fan shape, with the angle inward, and lateral corners sharp. Side arm plates rather large, meeting above and below, with a well marked spine ridge. Disk round, slightly puffed, densely set with slender, minute stumps, each bearing a crown of three to five long slender thorns. Scaling and radial shields hidden, except the outer tips of the latter. Seven flattened, translucent, thorny, rather blunt arm spines ; lengths to that of an arm-joint, 2, 2, 1·7, 1·7, 1, 1, ·8 : ·7. One spiniform tentacle scale. Colour in alcohol, above, mottled brown ; below, white with brown markings on arms.

Cebu, Philippines ; 95 to 100 fathoms.

*Ophiacantha nodosa*, Lym. (Pl. XX. figs. 1-4).

*Ophiacantha nodosa*, Lym., Bull. Mus. Comp. Zool., vol. v., part 7, p. 144, pl. x. figs. 258-261, 1878.

Six arms ; seven long mouth papillæ to each angle ; disk closely set with coarse, stout stumps, having thorny ends and sides.

(Type specimen from Station 3.) Diameter of disk 7 mm. Width of arm without spines 2·3 mm. Seven narrow mouth papillæ, the outer one longest. Teeth long and narrow, though stouter than mouth papillæ. Mouth shield small pentagonal, with a wide angle inward ; length to breadth, ·7 : ·7. Side mouth shields long, narrow, and curved, meeting within and extending without much beyond the mouth shield. Under