

fringed with submarginal spines of various lengths. The finger is broad, with the inner margin toothed, closing tightly along the palm till the nail which bends rather sharply on to the surface within the apex of the hind margin; the dorsal cilium is small, close to the base.

*Second Gnathopods.*—Side-plates considerably larger than the preceding pair. Branchial vesicles narrow, shorter and narrower than the first joint. Marsupial plates longer than the first joint and much broader, especially at the centre, surrounded by setæ which are not extremely long. The limb in the female differing very little from that of the first gnathopods, but with the hand rather larger. In the male the third joint is, as in the female, more oblong than in the preceding pair, with several spines about the distal margin which is pointed in front, rounded behind; the wrist is very small in comparison with the hand, triangular, distally cup-like, with some short stiff spines at the apex of the front margin, and long spines on the short free portion of the hind margin; the hand large, oval, broadest near the base, with many slender feathered spines, distributed much as in the first gnathopods, the serrate hind margin ending in a small apical tooth, within which is a palmar spine, near to which the obliquely sinuous palm is smooth for a short space, then has one or two low tubercles followed by two that are large and irregular in outline, concluding with a nearly straight tract of seven or eight little tubercles which reach the hinge; the broad curved finger bends on to the surface within the palmar spine; the dorsal cilium is short, near the base; the inner edge of the finger is cut into little spine-like rather distant teeth, and has some setules near the base of the nail.

*First Peræopods.*—Side-plates larger than the preceding pair. Marsupial plates longer than the first joint. The first joint reaching beyond the side-plate, packed with gland-cells in three rows; the margins with a few small spines and spinules; the second joint short, with one or two slender spines at the hinder apex; the third joint longer than the fourth, as long as the fifth, widening downwards, a little decurrent, with slender apical spines; the fourth joint slightly armed at the apex in front, and at two or three points of the hind margin; the fifth joint narrowing distally, the hind margin almost straight, bordered with a few spinules or setules; the finger narrow, curved, about three-quarters as long as the fifth joint, with an opening in the tip.

*Second Peræopods.*—The side-plates larger than the preceding pair, the margins convex. The limb like that of the first peræopods.

*Third Peræopods.*—The first joint broad throughout its length, with five or six minute spines on the front margin and two or three slender ones at its apex, the convex hind margin almost smooth; the second joint short with some spinules at the apex in front; the third joint much longer than the fourth, about as long as the fifth, with spines at three points of the hind margin, and at two of the front; the fourth joint with spines at two points in front, and a group at the apex behind; the fifth joint with spines