

against the wrist, apically pointed, the hind margin distally rounded, distal margin distinct, set with spines; the wrist scarcely longer than the third joint, triangular, distally a little cup-like, with eight or nine geniculate spines on the lobe which is constituted by the hind margin; there are one or two small spines on the apex of the front margin, and one or two spines or setæ on the surface; the hand is longer than the wrist, and at the palm a little broader; there are spines at three points near the smoothly convex front margin, and a group at its apex; the hind margin is slightly convex, smooth, with one spine and three pairs of spines submarginal along the distal half; these are followed by a palmar spine, where the hind margin joins the palm by a curve; the palm itself has a minutely pectinate edge, and is bordered but not thickly by several slender spines of various lengths; the finger is short, in structure corresponding with that of the first gnathopods; there are two small spines on the surface of the hand. The gnathopod on one side with fewer spines and with a smaller hand and finger than on the other, probably abnormal.

*First Peræopods.*—The side-plates broader than the preceding pair; with two setæ on the lower margin near the hind corner. The branchial vesicles larger than in the preceding segment. The first joint reaching a little beyond the side-plate, broader at the upper part than the lower, packed with gland-cells, with some long setæ or setiform spines at intervals along the hind margin and a few on the surface at the upper part; the second joint short, with a slender spine and spinules at the apex behind; the third joint similarly armed at each apex, and with a slender spine higher up on the hind margin; this joint widens distally, is longer than the fourth, not longer than the fifth, none of the joints being elongate; the fourth has slender spines at three points of the hind margin and at the apex in front; the fifth joint has a group at either apex, and a single slender spine above the centre on the convex front margin, and one below the centre on the straight hind margin; the finger is short and broad, curved, longer than half the fifth joint, with a dorsal cilium near the base, and an opening within the blunt apex.

*Second Peræopods* similar to the first.

*Third Peræopods.*—Side-plates broader than the preceding, but not quite so deep, the front lobe very large, the hind lobe shallow. The branchial vesicles smaller than in the preceding segment. The limb missing.

*Fourth and Fifth Peræopods.*—The side-plates small. The limbs missing.

*Pleopods.*—Coupling spines small, with only the apical pair of hooks; cleft spines two in number; the joints of the rami numbering from eight to nine, the outer ramus being a little shorter than the inner.

*Uropods.*—The peduncles of the first pair very little longer than the inner ramus, with three spines on each of the upper margins, and a large spine at the lower apex; the outer ramus the shorter, with two lateral spines and an apical group of four or five spines,