

its base, and an accessory thread lying alongside of the stout apex; the large curved finger closes over the palm with its channelled inner margin, smooth except for a series of small hairs; the dorsal cilium near the base is quite small.

*Second Gnathopods.*—Side-plates oblong, rather narrower and but little deeper than the preceding pair, the convex lower margin similarly notched. The branchial vesicles longer than the first joint, very broad except at the base. The marsupial plates as long as the branchial vesicles, but much narrower, fringed with many setæ. The limb closely agrees with that of the first gnathopods; the first joint is longer, the third has fewer spines on the hind margin, and a more acute apex, the hand is larger.

*First Peræopods.*—The side-plates similar to the preceding pair, but rather larger. The branchial vesicles rather broader than the preceding pair. The first joint reaching beyond the side-plate, the front margin fringed with slender spines, the hind margin with mixed groups of stiff spines and setæ or slender spines; the second joint short, with apical spines on the hind margin, and, as in the preceding limbs, some spinules higher up, the front lobe flattened; the third joint much longer than the fourth and a little longer than the fifth, with spinules on the front margin and spines at its somewhat decurrent apex, and spines at six points of the front margin; the spines of the next joint are stronger, at five or six points of the hind margin, and at the apex of the front; the fifth joint has nine groups of spines along the hind margin, six spinules at four points of the front margin, and a group at its apex; the finger is short, about half the length of the fifth joint; the dorsal cilium very plumose, close to the base; there is a smaller cilium near the base of the nail.

*Second Peræopods.*—Side-plates broad, excavated behind for less than half the depth, and less than a third of the width, the hind margin below the excavation sloping gently forwards. The branchial vesicles very broad, longer than the first joint. The marsupial plates as long as the first joint, but not quite so broad. The limb like that of the first peræopods.

*Third Peræopods.*—Side-plates as broad as the preceding pair or broader, the hind lobe deeper than the front. The first joint of the limb broadly oval, subequally wide at the basal and distal ends, the front margin fringed with spines, the hind margin serrate, but not deeply; the second joint with flat hind margin and pointed apex, and having two groups of spines on the front; the third joint but little longer than the fourth, not longer than the fifth, all three stout, with serrate front margins, the third joint with six, the fourth with four, the fifth with seven groups of spines in front, each with an apical group behind, and some smaller groups on the hind margin; the finger small, curved, not half the length of the fifth joint.

*Fourth Peræopods.*—Side-plates with a deep hind lobe and a very small front one. The branchial vesicles of great breadth, longer than broad, with a small accessory lobe near the base. The limb similar in structure to that of the third peræopods, but con-