

margins being serrate or indented, the notches armed with spinules; the hind margin is nearly straight, a little bent in near the centre. The first joint reaches beyond the side-plate, is curved, and distally widened, the front margin concave, the hinder convex; the second and third joints are short; the wrist is triangular, shorter than the hand, longer than broad, with long spines at the apex of the hind margin as well as some higher up; the hand at its base is almost as wide as the wrist, and widens towards the palm, which is very slightly convex, making something more than a right angle with the hind margin, and something less than a right angle with the front; a row of four palmar spines is planted on the surface near the point where the palm begins; the finger is gently curved, nowhere very broad, the edges smooth, but with a dorsal cilium near the base, and a decurrent tooth formed by the inner margin near the base of the small acute nail, which seems to reach beyond the palm.

*Second Gnathopods.*—The side-plates rather larger than the preceding pair, the front margin more convex, smooth, the lower margin narrow, indented, carrying three or four spinules, the hind margin nearly straight. The limb very similar to the preceding, but with the first joint longer and more curved; the straight hind margin of the hand has two spines; the palm-margin is finely pectinate and fringed with spinules; but probably all these particulars apply also to the hand of the first gnathopods; the finger fits the palm.

*First Peræopods.*—The side-plates rather larger than the preceding pair, with the lower margin oblique, armed like the others. The branchial vesicles not quite as long or wide as the side-plate. The first joint attached a little above the middle of the side-plate and reaching a little below it, curved, widening a little distally, the hind margin convex, with one or two spinules, the front margin concave, with a spine at the apex. The second joint short, with a little spine on the hinder apex; the third joint a little longer and broader than the fourth, each with a spine near the middle of the hind margin and two or three at its apex; the fifth joint rather longer than the third, with spines at three points of the hind margin, and a couple of setules on the front; the finger three-quarters the length of the fifth joint, straight, except at the nail, with a small dorsal cilium near its base, and another at the base of the nail.

*Second Peræopods.*—The side-plates broader than the preceding pair, with five spinules on the nearly straight, slightly oblique lower margin, and one on the hind margin. The first two joints as in the preceding pair. The rest missing.

*Third Peræopods.*—The side-plates with convex front margin, produced below in a little lobe almost to the depth of the preceding plates, the lower margin beyond the lobe nearly straight and parallel with the upper, carrying spinules, the hind margin nearly straight, with one spinule near the rounded lower corner; these plates are much broader and not much less deep than the preceding pair. The branchial vesicles somewhat pear-shaped. The limb missing.