

long setæ at various points upon the hind margin, the front but slightly curved; the second joint elongate, with long plumose setæ at four points of the hind margin; the third joint much shorter than the second, with a group of apical spines behind; the wrist scarcely as long as the hand, and but little broader, with spines on the lower part and apex of the hind margin, and on the apex of the front; the hand with the front margin almost straight, carrying spines at the apex; the hind margin smooth for a space, then serrate, with many groups of spines, many of those which are near the short strongly curved finger being strongly denticulate; the bending of the hind margin in this hand makes an approach to a palm.

*First Peræopods.*—Side-plates and branchial vesicles similar to those of the preceding pair, but a little longer, the side-plates also broader. The first joint scarcely reaching beyond the side-plates, considerably broader than that of the second gnathopods, carrying a few spinules on the front margin, and a spine on the hinder apex; the second joint with two setæ on the hind margin and an apical spine; the third longer than the fourth, rather shorter than the fifth, with a spinule on the decurrent front apex and one on the margin a little higher up; the fourth joint slightly curved, each apex pointed; the fifth joint slender, curved, almost unarmed, with a tendency to pectination on the hind margin; the finger very short, curved.

*Second Peræopods.*—Side-plates very broad, very deep in front, with a small interlocking process near the top of the front margin. Branchial vesicles not very broad, not as long as the side-plates. Marsupial plates much narrower than the branchial vesicles, and about as long. First joint of the limb not reaching the end of the side-plate; the limb in general like the preceding, but the fourth and fifth joints smaller, the third being longer than either.

*Third Peræopods.*—Side-plates small, the hinder lobe the larger, the front one when *in situ* obscured by the preceding plate. The branchial vesicles oval, not very large. The marsupial plates short, with eleven setæ round the apex. The first joint not expanded, a little narrowed at the centre, with a few spines or spinules on the margins; the second joint, as in the preceding pairs, not so short as usual, with two or three small spines on the front margin; the third joint much longer than the fourth, a little longer than the fifth, with short spines at four points of the very decurrent hind margin, and the same number of spinules on the front; the fourth joint with some microscopic spinules on the straight, apically acute, front margin; the fifth joint a little curved, the front margin finely pectinate; finger nearly half the length of the fifth joint.

*Fourth Peræopods.*—Side-plates rather deeper than broad, front margin straight, hinder a little convex. Branchial vesicles widening distally. First joint expanded, rather wider below than above, front margin nearly straight, furnished with a few spinules; the hind margin very slightly convex and scarcely serrate, the lower margin smoothly rounded and partially overlapping the second joint; the remainder of the limb similar to