

a little longer than the fourth, the hind margin finely and obliquely pectinate, and with five hair-like spinules standing out at right angles to the margin; the finger more than one-third the length of the first joint, strongly bent at the tip.

*Second Peræopods* very similar to the first, but with the side-plates a little less shallow in front, the first joint less slender, the third joint larger, with the two indents of the hind margin more marked, the fourth joint also larger, equalling the length of the fifth, which is itself rather longer than in the first peræopods.

*Third Peræopods.*—The side-plates produced in advance of the main framework of the segment, from which they are in this and the two next pairs very indistinctly separated. Branchial vesicles broad, irregular in shape, not quite so long as the first joint. Marsupial plates narrow, longer than the first joint. The first joint entirely free from the side-plate, muscular, widening downwards, channelled behind, the hind margins nearly straight, the front slightly convex below, sparingly serrate; the second joint not longer than broad, channelled behind, with one apex squared, the front margin a little serrate; the third joint little longer than the second but much wider, the front margin oblique with a sharp apex, the lower margin sinuous; the fourth joint very large and muscular, longer than the first joint, widest near the base, not twice as long as broad, the hind margin slightly convex, with a small apical tooth, the front margin cut into fifteen oblique teeth, the first a long one with a little denticle high up on its front; this is followed by three short, a long, four short, a long, and five short teeth, of these five the middle one being the longest; between the last of these and the apical tooth of the hind margin is the curved hinge of the narrow fifth joint, which is of almost even breadth throughout, and when closing upon the hand-like fourth joint just crosses beyond the tip of its second long tooth; almost continuous with the margins of the fifth joint are those of the finger, which is long, tapering, and in its distal half much curved; it is over half the length of the fifth joint, the two together being longer than the fourth.

*Fourth Peræopods.*—Branchial vesicles distally very broad. The first joint not so massive but as broad and nearly as long as in the preceding pair, the greatest breadth near the middle, the hind margin forming an angle (very slightly rounded) at the top, then running in a straight course to the distal end, the front margin convex, the lower part with five indents and a little apical point; the second joint angled behind, and having one indent in front; the third joint much longer than the second, the front margin with two indents and an apical tooth, the hind margin with one or two minute indents, and a long decurrent apical tooth; the fourth joint a little longer than the third including the apical tooth, its hind margin having two minute indents and a small apical tooth, its front margin cut into six teeth, of which the first, third, and fifth are scarcely more than serration; the fifth joint as long as, or a little longer than, the fourth, slender, slightly curved, the front margin pectinate; the finger slender, about one-third the length of the fifth joint, the end much curved.