

*Maxillipeds.*—Inner plates reaching nearly to the apex of the first joint of the palp, the apical border sloping back towards the outer, and occupied by five long plumose setæ; the inner plates long and narrow, reaching slightly beyond the second joint of the palp, having on the straight inner margin five setæ, followed by nine rather long spine-teeth in a series which does not quite reach the apex; there is also on the surface a row of eight setæ beginning a little lower than the row of spine-teeth; the first joint of the palp is short, the second much longer, its inner margin bordered with long setæ except close to the base and for a space distally; the third joint longer than the first, with setæ or spines only on the apical part; the finger short, with a long slender nail accompanied by some cilia.

*First Gnathopods.*—Side-plates very small, directed forwards. The narrow first joint extending much beyond the side-plate, with some long setæ at a few points on each margin, the lower half of the joint a little expanded; the second joint narrow, longer than the third, as long as the hand; the third joint not long, bent, the hind margin being much longer than the front, and carrying a single cilium near the apex; the wrist long and slender, but not equal in length to the two preceding joints united, with a group of setæ near the apex behind; the hand with the closed finger forming a long oval, the front margin of the hand being much shorter than the hinder, the extremities of the two being joined by a very oblique palm, in antagonism with which the finger and nail form a complete chela, capable of gaping widely; at the apex of the front margin there is a group of setæ, some of which are longer than the finger; there are two groups of setæ on the hind margin not far from the apex, a small spine at the apex, and setules along part of the palm-border; the finger shows some cilia about the base of the nail. The skin is extremely transparent.

*Second Gnathopods.*—Side-plates small, with an excavation behind, not at the top but above the middle, the first joint of the limb being attached at this point, a long seta and two cilia being set in the margin lower down. Branchial vesicles of slight structure, larger than the side-plates, tapering below. The limb constructed on the same plan as in the first gnathopod, but all the joints except the finger longer, the slender wrist being longer than the two preceding joints and as long as the first joint, the hand longer in proportion to its breadth, and with less difference between the lengths of the front and hind margins, so that the finger antagonises with a shorter palm, and is itself shorter to correspond.

*First Peræopods.*—Side-plates not large, with a long seta at the lower front angle. Branchial vesicles longer and larger than the side-plates; marsupial plates narrow, longer than the first joint of the limb, with half a dozen long setæ on the hinder margin and apex. First joint of the limb reaching much beyond the side-plate, with three long setæ on the lower part of its hinder margin; second joint short; third longer and broader than any of those which follow, expanded downwards, not decurrent, with setæ along much of