

lower antennæ, more than three times as long as the two following joints together, which are subequal to one another, and curved so as in combination to be sickle-shaped.

*Maxillipeds*.—The inner plate short and broad, with the usual pair of embedded spinules at the centre of the distal margin, the outer plates apically narrowed. Between the mandibles and maxillipeds there is a space which is certainly not empty, and may be presumed to contain the other mouth-organs though in a more or less rudimentary condition.

*First Gnathopods*.—The side-plates with the lower front corner produced forwards, well rounded. The first joint scarcely or not reaching below the side-plates, widened at the centre for the gland-cells; the second joint broader than long; the third joint longer than the second, but small, with a spinule at the apex of the hind margin; the wrist large, widening to the attachment with the hand, the hinder process broadly triangular, with a spine-like apex, both margins of the process being finely denticulate, the hind margin of the wrist carrying in all about a dozen denticles and the inner margin half a dozen; the hand narrow at the neck, with very convex front margin, the hind margin nearly straight and when the hand is closed upon the wrist not reaching the tip of its spine-like apex; the hand is broader distally than at the neck, the little palm being cut into two denticles; the finger is very small and slender, yet more than half the length of the hand, reaching a little beyond the palm, and having a small denticle on the inner margin; there are spinules on the surface of both hand and wrist, but they are not very conspicuous.

*Second Gnathopods* longer than the first; the side-plates widened below. The first joint longer and more slender than in the first pair; the wrist also longer and with the process more outdrawn so as to make the limb complexly chelate rather than subchelate, the denticles on the hind margin not so closely set; the hand longer than in the first pair, with the palm margin cut into three or four denticles; the finger not more than half the length of the hand.

*First Peræopods* with all the joints slender, the third a little longer than the fifth and both considerably longer than the fourth. The gland-cells conspicuous in the first and third joints.

*Second Peræopods* like the first, but with longer joints, and the fifth longer than the third.

*Third Peræopods*.—The hind lobe of the side-plates deeper than the front and deepest just behind the attachment of the first joint, the inner process being almost linear. The first joint longer than the three following together, widest a little below the base, the front margin nearly straight, the convexity of the hind margin little developed except above; the third joint much longer than the fourth, about equal in length to the much narrower and slightly curved fifth; the front margin of the third