

spinules, the hind margin convex, with a slender spine at the apex; the second joint as broad as long, with a similar spine near the apex; the third very little longer than the second, with some spines on the rounded hind corner, and long ones projecting from the surface on the distal margin; the wrist a little longer and distally a little broader than the hand, the convex front margin smooth, with a group of spines on the apex; the hind margin jutting out when free from the third joint, then straight, serrate, carrying six groups of spines, some strongly denticulate except at the distal part; on the surface at some distance from this margin is a group of two followed by a row of five spines; the convex front margin of the hand has seven groups of long curved spines on or near it; the hind margin juts out a little from the base, but not far enough to bring the slightly convex palm-margin on a level with the hind margin of the wrist; the palm-margin has two little projecting teeth, the distal end serrate, and six or seven groups of spines like those on the wrist; planted on the surface a little remote from the margin, but projecting beyond it, there are three strong spines apart from one another; the finger matches the palm; there is a rather long dorsal cilium near the base, the inner margin almost straight, and at first almost smooth, then becoming more and more strongly pectinate, and forming a strong decurrent tooth near the base of the slightly inflected nail, there being two short and two long setules in the neighbourhood of the tooth.

*Second Gnathopods.*—The side-plates broader than deep, with some setules in front, much shallower behind than in front. Marsupial plates narrow, shorter than the first joint, having seven long setæ. The first joint expanded on the outer side, with a convex front margin fringed with slender spines and spinules, but the front margin of the unexpanded inner surface resembling that in the first gnathopods; the second joint as in the preceding pair; the third joint rather longer, with some spines of various lengths along the distal part of the convex hind margin, and some short spines on and projecting from the surface beyond the truncate distal margin; the wrist triangular, longer than in the preceding pair, very similar in armature; the hand as long as the wrist, narrowly oval, narrower distally than at the base; the armature very similar to that in the first gnathopods, but the groups more widely spaced; the finger a little longer, its inner margin more curved, denticulate.

*First Peræopods.*—Side-plates broad and shallow. Branchial vesicles a very elongate oval. Marsupial plates like the preceding pair. First joint of the limb free from the side-plate, very large, packed with gland-cells, longer than the next four joints united, broader above than below, articulated almost at the top of the hind margin, the front squarely and very prominently angled, the sides carrying several marginal spinules, and the angle two or three feathered setæ; the lower margin projects beyond the second joint; a long transverse slit crosses the surface of the joint from the front almost to the rear near the centre; the second joint broader above than below, rather longer than broad, with some spinules at either apex; the third joint shorter than the second,