

the outer plates not reaching far beyond the inner nor meeting over it, their outer surface very convex, and broad except distally, carrying a few spinules.

*First Gnathopods.*—Side-plates small, the lower front corner rounded and a little produced forwards. The first joint for most of its length free from the side-plate, rather broader above than below, the front margin bent out a little near the base, and the hinder margin to a slight extent at some distance from the distal end; the second joint short, with some small spines at the apex of the convex hind margin, and on the distal margin of the inner surface; the third joint a little longer, distally widened in front, the hind margin serrate, carrying some small spines; the wrist wider than the length of the hand, the front margin slightly convex, the hind margin somewhat produced, in length nearly equalling the distal width of the joint, cut into minute teeth, among which are three much more prominent than the rest, the apical being the largest and in fact double though very slender; much of the distal margin facing the hind margin of the hand is also denticulate; the hand is oval, the front margin the more convex and scarcely serrate, the hind margin toothed like the wrist, with one prominent double tooth not far from the narrow distal end, which is occupied by the base of the very short, slightly curved, acute finger, the concave margin of which is not quite smooth. A comparison of specimens shows that the denticulation of wrist and hand in both pairs of gnathopods is subject to variation; indeed, it is not absolutely constant between the two limbs of a pair in one and the same specimen.

*Second Gnathopods.*—Side-plates broader than the preceding pair. Branchial vesicles longer than the first joint and much broader, with accessory lateral vesicles; the marsupial plates much longer and broader than the branchial vesicles. The limb similar to that of the first gnathopods, the first joint longer and rather broader, the wrist a little longer but not broader.

*First Peræopods.*—Side-plates wider than deep, the lower margin convex, extending beyond the upper margin both before and behind. The branchial vesicles and marsupial plates similar to those of the second gnathopods, but larger. The first joint for most of its length free from the side-plate, the front margin slightly convex, the hinder a little sinuous; the second joint short, with some spinules on the hind margin; the third joint a little longer than the fourth, a little shorter than the fifth, widened distally, with spinules on the front apex and along the hind margin; the fourth joint slightly narrowed distally, having spinules on the convex front and the straight hind margin; the fifth joint a little curved, tapering, the front margin convex, the hinder slightly concave, with some spinules; the finger minute, curved, acute.

*Second Peræopods.*—The side-plates deeper than the preceding pair. The branchial vesicles, marsupial plates, and joints of the limb scarcely differ from those of the first peræopods, but the third and fourth joints are a little longer.