

shorter; this is fringed with spines along the margin facing the hand and at the apex, which is not quite acute; the hand is longer and straighter than in the first gnathopods, with fewer surface spines and perhaps less pectination; the finger is as in the preceding pair, but not more than half the length of the hand.

*First Peræopods.*—The first joint narrow above and widened below, with sinuous slightly serrate front margin, the hinder convex, carrying a few little spines; the second joint with some small spines on the hind margin; the third joint not longer than the second, but distally wider, with spines along the faintly pectinate hind margin; the fourth joint (or wrist) large, ovate, the front margin convex, smooth, with spines at the apex, the inner surface carrying some spines, the hind margin finely pectinate and fringed with numerous spines, this margin in large specimens being sinuous, since in such specimens the apical part of the joint is narrowed almost abruptly; the fifth joint as long as, or longer than, the fourth and folding against it, narrow, curved, with convex front margin, the hind margin concave, pectinate; the finger slender, smooth, curved at the tip, not half the length of the fifth joint.

*Second Peræopods* similar in general shape and armature to the first, but with all the joints except the second larger, the first joint longer and of more uniform breadth, the fourth much longer and broader, the fifth only a little longer, so that in this pair it is shorter than the fourth joint.

*Third Peræopods.*—The side-plates broad and shallow. The first joint channelled behind, in front somewhat bowed out near the middle, with several spines along the front margin, of which the upper part is smooth; the second joint short, almost smooth; the third joint widening distally, as long as the distal breadth, with some spines along the front, and at the apex of the hind margin; the fourth joint considerably longer than the first, distally narrowed, with numerous spines along the serrate front margin, and some also along the hind margin; the fifth joint is much longer and narrower than the fourth, with a bulbous base; the front margin has a few spines, but is chiefly distinguished by the pectination, which near the base is faint, but grows stronger and stronger as it approaches the apex; the finger short and slender, a little curved.

*Fourth Peræopods* much shorter than the third, the inequality depending on the first, fourth, and fifth joints; the first joint channelled behind, with spines along the lower half of the sinuous front margin; the second joint short; the third as long as in the preceding pair, similarly armed, much narrower; fourth joint rather shorter than the first, with spines along both margins, numerous on the faintly pectinate front, and slender feathered spines along the inner surface; the fifth joint slightly curved, narrower than the fourth, rather longer than the first, with spines along the slightly convex and serrate hind margin, others along the pectinate front margin, with slender spines on the adjacent surface; the finger slender, smooth, almost straight, not a quarter the length of the fifth joint.