

obtuse angle where the third joint hinges on the second, and in this bent position scarcely overtops the outer plates.

*First Gnathopods.*—Side-plates widest at the centre, closely ciliated on the broadly rounded lower margin; first joint extending beyond the side-plate, nearly as long as the next four joints united; second joint longer than third, as long as the fourth, with two setæ on the hind margin; third joint very small, a little furred behind, with two setæ near the apex; the wrist broader but shorter than the hand, slightly furred behind, with two setæ in front at the apex and three at the back; the hand long, tapering, without a palm, finely pectinate along the hind margin, with seta-like spines at three points on that, and at two on the front margin; finger fully half as long as the hand, with a sharp, slender nail.

*Second Gnathopods.*—Side-plates oblong, and, like the preceding pair, furred, especially on the lower margin, besides carrying some stronger cilia. The first joint as long as the third, fourth, and fifth united; the second much longer than the third, subequal to the wrist; the short third joint with very convex hinder margin, carrying one cilium at a little distance from the apex; the wrist subequal in length to the hand, with six or seven scale-like cilia on the centre of the hind margin; the hand long, oval, finely furred almost all over, also with the squamose cilia on the lower two-thirds of the hind margin, which is produced considerably beyond the front margin, forming with the palm a triangular process against which the finger closes; the finger, which is backed by three or four setæ, is short and stout, the hooked nail, which forms more than a third of its length, not extending beyond the palm. On a diminutive scale the hand and finger form a feeble chela.

*First Peræopods.*—Side-plates similar to those of the preceding segment, but larger. The first joint broad, not reaching nearly to the end of the side-plate, shorter than the fourth and fifth joints united; third joint broad, not decurrent, much longer than the fourth, not quite so long as the fifth; the fourth joint short, hind margin straight, pectinate, with a spine and two cilia at the apex; fifth joint long, slightly tapering, hind margin nearly straight, pectinate, with acute spines at two points, and at the apex a pair of blunt spines curving towards the edge of the finger; the front margin of the hand convex, with one or two cilia; the finger strong, curved, with a very small dorsal cilium, and one or two cilia near the nail.

*Second Peræopods.*—Side-plates broader and deeper than the preceding pair, the excavation behind shallow, carried far down, the margin below it taking a forward direction to join the lower border, so that the upper and lower margins of the plate are of equal breadth; the joints of the limb similar to those in the preceding pair.

*Third Peræopods.*—Side-plates very broad and deep, with the breadth and depth subequal, rather deeper in front than behind. First joint irregularly rounded, two long setæ and a spine on the lower part of the furry front margin, the hind margin