

plate. The limb closely resembles that of the first gnathopods, but the joints are rather longer and broader, and the spines on the hand are stronger and more numerous.

*First Peræopods.*—The side-plates broader than the preceding pair, the hind margin ending in a slightly produced point. The branchial vesicles about as long and broad as the first joint. The marsupial plates more than twice as long as the branchial vesicles, with a breadth more than half the length, the longest of the surrounding setæ scarcely equal to half the breadth. The first joint almost free from the side-plate, the front margin a little sinuous, with some spines near the apex, a second margin in front forming a lobe at the lower part of the joint, on the lower rim of which there are spines; the hind margin has three or four groups of spines; the second joint is short, with three spines at the apex behind; the third joint is much shorter than the fourth, widening a little distally, with spines at the apex in front, and at two points of the hind margin; the fourth joint as long as the first, shorter than the fifth, with four groups of spines on the front and three on the hind margin; the fifth joint with several groups of spines on both margins; the hind margin interrupted at a little distance above the apex, and armed with some stout spines, of which one is very prominent, fitted for the impinging of the finger; the apex itself has a stout spine and some small ones; the finger is short and stout, little more than a third the length of the fifth joint, the nail curved, acute; there are small setules along the outer margin and some submarginal to the inner border. There is no appearance of gland-cells in the limb or of any opening in the finger-tip.

*Second Peræopods.*—The side-plates broader than the preceding pair, with convex front margin ending in a rounded apex, the hind margin produced more deeply in a triangular apex, the lower margin between these two apices being concave. The branchial vesicles rather larger than in the preceding segment. The marsupial plates distally of immense breadth, the surrounding setæ short. The limb is broken; the three remaining joints are similar to those of the first peræopods; it can here be seen that the apex of the front margin in the third joint is emarginate.

*Third Peræopods.*—The side-plates broader than the preceding pair; the front lobe somewhat squared, but with a convex front and sinuous lower margin; the hind lobe tending to triangular, the combined front and lower margin carrying some spinules, the hind margin sinuous. The branchial vesicles greatly dilated, nearly as broad as long. The marsupial plates, or at any rate one of them, much narrower than the branchial vesicles, not once and a half as long. The first joint of the limb not winged, but tolerably broad, the front margin convex, with five groups of spines, the hind margin double, one smooth, and slightly concave except at the top, the other carrying two groups of spines; the second joint short; the third similar to that of the preceding peræopods, and having, as they also appear to have, a lobe behind higher up than the apex; the other joints missing.

*Fourth Peræopods.*—The side-plates narrower than the preceding pair, the front lobe