

succession of groups of spines, the outer surface being similarly adorned, but with rather less fulness; the finger slender, short, curved, not nearly half the length of the hand, with a minute dorsal cilium close to the base.

*Second Gnathopods.*—Branchial vesicles large and inflated. First joint of the limb reaching beyond the narrow side-plate, the upper part narrow for a short space, then making a bend and widening slightly, the front margin almost unarmed, the hinder with long setæ and an apical group of spines; the second with two small groups of plumose setæ on the hind margin and a large group at its apex; the remaining joints similar to those of the first gnathopods, but the third joint is without spines on the front margin, the wrist is narrower, the hand is narrower and longer, the armature of both wrist and hand being slighter, though the same in general character.

*First Peræopods.*—First joint scarcely reaching beyond the side-plates, the front margin straight, with three small spines near the apex, the convex hind margin carrying long setæ about the centre, and some spines on the lower part; the second joint with four or five setiform spines on the hind margin; the third joint longer than the fourth or fifth, fringed with spines on the hind margin, and carrying some spinules on the adjoining surface, with eight short spines placed along the convex front margin, the apex decurrent, fringed on the inner side with spines; the fourth joint longer than the fifth, fringed behind like the preceding joint, and also having rows of spinules on the surface, the front margin carrying four groups of short spines; the fifth joint slightly curved, narrowed distally, with nine groups of short spines along the serrate hind margin and five small groups on the adjoining surface, the convex front margin having spinules at five or six points; the finger slender, slightly curved, not half the length of the fifth joint.

*Second Peræopods.*—Side-plates at the widest point, just below the excavation, very much wider than the two preceding plates together, the breadth and depth subequal. The broad branchial vesicles not extending below the side-plates. The first joint not reaching the lower margin of the side-plate, the long setæ of the hind margin extending to the apex; the limb in general like that of the first peræopods.

*Third Peræopods.*—Hind lobe of the side-plates the larger, the front one closely fitting into the excavation of the preceding plate. The branchial vesicles of this and the next pair very large. The first joint not dilated, but a little wider above than below, both margins bordered with rather short curved spines, the lower half of the hind margin fringed with very plumose setæ; the four following joints all serrate and fringed with groups of spines in front; the third joint longer than the fourth, subequal in length to the fifth, its hind margin slightly serrate, with seven single spines along it and a group about the decurrent apex; the fourth joint with three groups of spines on the hind margin; the fifth joint slender, slightly curved, with some spinules behind; the finger as in the preceding pair.

*Fourth Peræopods.*—Side-plates rather broadly and deeply lobed behind. The first