

special crenulation is provided just within the palm-margin; the finger is long and curved to fit the palm; by the bending forward of the hand in the channelling of the wrist the finger would be enabled to touch the expanded portion of the wrist, which may thus be adapted to assist in the act of grasping; the dorsal cilium close to the hinge, minute.

*Second Gnathopods.*—Side-plates larger and deeper than those of the first gnathopods, similar, except that the front margin has no abrupt bend. Branchial vesicles with a narrow crumpled neck, the whole length about equal to that of the first joint. The marsupial plates narrowing distally, set closely round with very numerous and long setæ, more closely on the front than on the hind margin. The limb closely resembling that of the preceding pair in shape and the details of its armature, but the first joint considerably longer and more out-bowed on the hind margin, the wrist shorter than the first joint, its wing, unlike that in the first gnathopods, produced beyond the front margin so as to form a calx, though not a long one; the hand and finger but little longer than in the preceding pair; in each pair the finger has some small stiff hairs on the inner margin.

*First Peræopods.*—Side-plates with the front margin nearly straight, descending considerably below the preceding pair and free from it except at the convex upper part of the margin; the short slightly emarginate lower border makes a sharp angle with the front; the plate is thickened and its surface almost rigid near the hind margin, which is overlapped by the following plate. The branchial vesicles, of tolerably even width to the rounded apex, are longer than the first joint of the limb. The first joint reaches much below the side-plate, about equals the length of that of the preceding pair, with similar armature and a slight tendency to the out-bowing of the hinder margin, which forms a ridge; the second joint with two groups of spines on the hind margin; the third joint elongate, not quite so long as the first, narrow, slightly curved, a very little expanded and decurrent at the distal end, with spines at some seven points of the hind margin, and some spinules in front; the remainder of the limb missing, unfortunately, not only in this but in all the peræopods.

*Second Peræopods.*—The side-plates shorter than in the preceding pair, excavated behind for little more than a quarter of the depth, from the angle of the excavation the margin slanting forwards to form a sharp angle with the lower point of the sinuous front margin. The branchial vesicles, marsupial plates, and joints of the limb as, in the preceding pair.

*Third Peræopods.*—The side-plates broader than deep, the front lobe larger than the hinder, the hinder with its lower margin flattened. Branchial vesicles broader than in the preceding pairs; marsupial plates similar. First joint of the limb rather longer than in the preceding pairs, a little expanded behind near the base, and distally in front, the armature slight, both front and hind margins carinate; the third joint similar to that of