

divided into blunt teeth, of which five or six are conspicuous, the rest near the apex being small; the front margin is only slightly convex, and has a sharp apex, a little bent, with a small cavity behind it containing a spinule; between this and the thumb the distal margin is nearly straight; the hand set on as in the preceding pair, widens beyond the neck, and then tapers to the truncate apex, the front margin being convex, the hinder gently crenate, scarcely convex; the finger very short, its base occupying nearly all the apex of the hand, its tip curving across the tip of the thumb; there are spinules along the hind margin of the wrist, and near the teeth of its distal process, also near the margins and on the surface of the hand. In both the first and second gnathopods there are gland-cells in the first five joints.

*First Peræopods.*—Side-plates deeper behind than in front, the front margin convex the other margins sinuous, the lower serrate. The branchial vesicles long oval, not so long as the first joint. The limb long and slender; the first joint concave in front, a little widened distally, almost free from the side-plate, as long as the three following joints united, having a longitudinal ridge on the under surface; the second joint not shorter than the breadth, carrying two spinules on the convex hind margin; the third joint rather longer than the fourth, with some very small spinules on the slightly convex front margin, the hind margin nearly straight, fringed with numerous outstanding spinules; the fourth joint not much narrower, similarly armed; the fifth subequal in length to the fourth, similarly armed, a little curved, distally tapering; the finger slender, acute, a little curved, scarcely more than a fifth of the length of the fifth joint.

*Second Peræopods.*—Side-plates rather broader than in the preceding pair, branchial vesicles and limbs similar, but the joints rather longer, except the second and the finger; the fourth joint not quite so long as the fifth.

*Third Peræopods.*—Side-plates a good deal broader than deep, the hind lobe the larger, with its lower margin flattened; on the inner side there is a narrow tapering process directed downwards. Branchial vesicles subequal in length to the first joint, but not so broad. The first joint greatly expanded, rather longer than the first joint of the preceding pair, irregularly oval, narrower at the base than distally, the hind margin very convex and regular, finely not deeply serrate, the front margin nearly straight in the upper part, carrying a few spinules, the lower part convex, strongly serrate, its apex produced into a sharp point, the distal margin sinuous; the rest of the limb slender, similar to the preceding pair, but with the third and fifth joints considerably, the second and fourth a little, longer and somewhat thicker, the second joint with a minute spinule in a notch above the front apex.

*Fourth Peræopods.*—The side-plates as deep as the preceding pair, not so broad, the front and hind margins nearly straight, but the front rounded at the lower corner, the hinder produced into a small projection. The branchial vesicles broadly oval, but not so