

close to the finger-hinge; there are five groups of spines along the hind margin of the hand, four near that margin on the inner surface, and other groups adjoining the front margin and its apex; the finger is short to match the palm, its inner edge divided into four decurrent teeth with cilia, the nail long and sharp, accompanied by cilia at the base; the dorsal cilium small, not far from the base of the finger.

*Second Gnathopods.*—Side-plates oblong, deeper than the preceding pair, a little wider below than above. Branchial vesicles a narrow oval, shorter than the side-plate. Marsupial plates broad oval, much larger than the branchiæ, longer than the side-plates, with no setæ in our specimen, but indications of their places of attachment. The limb in shape and armature resembling the first pair, except that all the joints are longer; the hand longer than the wrist, with an extra group or two of spines, and the finger with an extra tooth on its inner margin.

*First Peræopods.*—Side-plates, branchial vesicles, and marsupial plates as on the preceding segment, but rather larger. First joint of the limb reaching beyond the side-plate, broader and a little longer than in the second gnathopods; the second joint short; the third more than twice as long as broad, with small spines or setules at three points on each margin, and a group at each apex; the front apex decurrent, sharp, with a strong spine close to the tip.

*Second Peræopods.*—Side-plates very broad, at the greatest breadth broader than deep, the excavation behind wide but not very deep. Branchial vesicles reaching as far as the side-plate, but much less broad. The marsupial plates longer and broader than the branchial vesicles. The first and second joints as in the first peræopods; the third rather longer than these; the fourth joint shorter than the third, with groups of spines at three points of the hind margin, of setules at two points of the front margin; the fifth joint subequal in length to the third or a little longer, with groups of spines at six points of the hind margin, of setules at four points of the front; the finger strong, slightly curved, the inner margin produced into a short point in advance of the short nail.

*Third Peræopods.*—Side-plates broad, the hinder lobe rather deeper than the front. Branchial vesicles about as long as the first joint of the limb. Marsupial plates a narrow oval, reaching a little below the side-plates. First joint broad oval, wider above than below, with spines on the front margin, the hinder serrate with small cilia in the serrations; the second joint with spines at the front apex, overlapped behind by the lower lobe of the first joint; the third joint with four groups of spines in front, five behind, those on the decurrent hinder apex being numerous and strong; fourth joint shorter than the third, like it widest distally, with three groups of spines in front, two behind; the fifth joint longer than the third, not widening distally, with five groups of spines on the front margin, three on the hinder, and a group of cilia at its apex; the finger as in the preceding pair.

*Fourth Peræopods.*—Side-plates with a lobe rather deeply decurrent behind. Bran-