

pectinate, more coarsely near the middle, at which part it is easily seen that the pectination is on two edges; the inner margin of the finger is produced into a tooth at the base of the nail; the dorsal cilium near the base of the finger is small.

*Second Gnathopods.*—Side-plates with the front margin convex, its lower portion serrate and spined, its lower angle rounded and crenulate as in the preceding pair. The branchial vesicles oval, broadest below, reaching much beyond the side-plates; in the specimen examined one of the pair was distally bilobed. Marsupial plates long and rather broad, longer than the branchial vesicles, the edges finely crenate for the long setæ. The limb like that of the first gnathopods, but all the joints longer, especially the hand and wrist; the armature similar, except that the hand is more simply adorned.

*First Peræopods.*—Side-plates broad, the front corner and much of the lower margin crenate and spined. The branchial vesicles long and broad. The marsupial plates long, not broad except near the middle. First joint, as in the preceding and the following pair, having its base close to the lower border of the side-plate, long, and nearly evenly broad, with many spines on both margins, those near the base very slender, some very long ones on the hinder margin, also with several submarginal groups on the surface near it; the short second joint has spines at three points of the hind margin, some of which, as in the preceding joint, are long and plumose.

*Second Peræopods.*—Side-plates very similar to the preceding pair, a little broader, the hind corner a little drawn down, as in the preceding pair with numerous spines on the lower part of front and hind margins, only a small part of the lower margin being without spines or crenulation; there are also many setæ on the inner surface of the plate in this and the three preceding pairs; the branchial vesicles large. The marsupial plates long and slender. Limbs like those of the first pair but a little shorter; the third joint longer than the next two united, with six groups of spines at the hind margin, and three on the front; the fourth joint much shorter than the fifth, like the fourth somewhat dilated distally, with two groups of spines on the hind margin, the front smooth except at the apex; the fifth joint with four groups of stout spines on the hind margin, the front slightly convex, smooth except at the apex; the finger strong, curved, longer than the fourth, shorter than the fifth joint, with two setules at the base of the strong curved nail; a small dorsal cilium near the base of the finger. In the Plate the last four joints are drawn facing the wrong way.

*Third Peræopods.*—Side-plates with the front lobe much narrower and deeper than the hind one, of which the lower margin is sinuous; both have the lower portion set about with spines. First joint pear-shaped, broader above than below, the hind margin fringed with curved spines, the expanded part serrate, the front margin with numerous groups of slender setæ or setiform spines, the lower margin squared, neither lobed nor decurrent; the second joint short; the third shorter than the first, longer than the fourth, not expanded, sparingly spined; the fourth longer than the fifth, with spines at three