

vesicles of great size. The first joint very similar in shape to that in the second gnathopods, but with the muscles more strongly developed, the greatest breadth some distance above the distal end, the sides smooth; the second joint longer than broad; the third joint longer than the fourth or fifth, widest not far from the base, the front margin convex, the hinder slightly concave; the fourth joint a little curved, wider than the fifth, but scarcely so long; the fifth having some fine denticulation at the hinder apex; the finger curved, very short and thin, at the base narrower than the fifth joint, and almost immediately abruptly narrowing.

*Second Peræopods* very similar to the first, but with the second, third, fourth, and fifth joints considerably longer.

*Third Peræopods*.—Side-plates deeper behind than in front, with a strong triangular tooth on the inner side at about the middle of the lower part, directed backwards. Branchial vesicles not so large as the first joint. The first joint more than twice as long as broad, the hind margin evenly convex, the front sinuous, the chief concavity being below the centre, the distal part curling round below the second joint; the plate is narrowest at the two extremities, having its greatest width near the centre; the remaining joints folded back against its inner surface do not reach the top; the second is short, the third longer than the fourth, the fifth longer than either, having its convex hind margin produced into a minute spike; the front margin is minutely pectinate in the third, fourth, and fifth joints; the finger is rather longer than in the preceding feet, with the hind margin a little jagged.

*Fourth Peræopods*.—The side-plates with the hind margin longer than the front, the two nearly parallel. The branchial vesicles broad, not nearly so long as the first joint. The first joint larger than in the preceding pair, the lower part a little narrower than the upper, the upper part of the hind margin strongly convex, the lower half where the margin is double nearly straight; near the lower end of the convex part there is a very small slit on the outer surface; the front margin is for the most part concave, the lower margin slightly oblique, rounded in front; a strip along the front and lower margins has a striated appearance, observable also round much of the border of the first joint in the third peræopods; the remaining joints together equal about one-third the length of the first; the second joint short, attached some way up and within the hind margin of the first; the third joint very long, the front margin a little longer than the hinder, forming a small apical triangle, and strongly pectinate almost from the base to the tip; the fourth joint narrower than the third and little more than half its length, similarly pectinate, narrowing distally; the fifth joint, which is the last, slender, acute, more than half the length of the fourth, finger-like.

*Fifth Peræopods*.—Side-plates small, triangular, deeper than broad, the apex not reaching nearly as far as the lower border of the preceding pair. The limb consisting of a single joint, laminar, almost crescent-like, bending across the top of the preceding limb