

fourth, about as long as the third, curved, pectinate, but not closely, on the concave hind margin, the adjacent surface scabrous with little spines; the finger narrow, curved near the base, where on the inner margin it has a trace of incipient pectination, the length not half that of the hand. There are some minute distant spinules on various parts of the limb.

*Second Peræopods.*—The side-plates deeper than the preceding pair. The branchial vesicles and the limb similar to those of the first peræopods, but with the third, fourth, and fifth joints of the limb longer. Both the first and second pairs of peræopods are very considerably larger than the gnathopods.

*Third Peræopods.*—The side-plates with a front lobe much broader than deep, and a narrow hind lobe descending below the front one; hexagonal markings are conspicuous on these plates. The branchial vesicles broad, irregular in shape; the marsupial plates large. The first joint narrow at the base and nowhere much expanded, two or three times as long as broad, the margins nearly parallel, the front one with four spines at the distal part; the second joint short; the third joint longer than the fourth, shorter than the fifth, rather narrower than the third joint of the preceding pair; the fourth joint has a small spine at the pectinate distal end, besides having like the two preceding joints some minute spinules here and there; the fifth joint is slightly curved and has the concave front margin closely pectinate; this and the preceding joint exceed in length the corresponding joints both of the second and those of the fourth peræopods; the finger about a third of the length of the fifth joint.

*Fourth Peræopods.*—The side-plates about equally broad and deep, the hind lobe deeper than the front one. The branchial vesicles smaller than the preceding, but otherwise very similar. The first joint wider and longer than in the preceding pair, with five spines on the lower part of the front margin; the third joint rather shorter than in the third pair, with two spines at the distal end of the front margin; the fourth joint with the front margin pectinate except at the base, and carrying six spines at intervals, the apical margin also pectinate; the fifth joint armed as in the preceding pair; the finger similar.

*Fifth Peræopods* very considerably shorter than the fourth, yet much more than half the length. The side-plates rounded behind, and there free only for a short space from the segment's upper part. The first joint expanded, somewhat oblong, the front margin not very convex, a little scabrous below, the hind margin very slightly convex, completely overlapping the short second joint with a narrow rounded lobe; the third joint bent forward at the base, the proximal part of the hind margin being convex, the rest straight, having a small spine near the apex, and having like the other joints some pectination of the distal margin; the front margin nearly straight, with a small apical spine; the fourth joint longer than the third, slightly curved; the fifth joint narrower but rather longer than the fourth, also slightly bent; the finger not acute, shorter than