

curve of the preceding pair. The branchial vesicles, here and throughout, broad and inflated; this pair about as long as the first joint. The limb very similar to that of the first gnathopods; the first joint a little shorter, and at the top a little narrower; the third, fourth, and fifth joints rather longer, the fourth and fifth slightly narrower, subequal to one another in length; the armature similar.

*First Peræopods.*—Side-plates similar to the preceding pair, but rather longer and broader, in each pair the front margin a little convex, and the hinder a little concave. Limb as in the next pair.

*Second Peræopods.*—Side-plates scarcely longer than the preceding pair, but below the excavation equal in breadth to the two preceding pairs, the lower margin continuous with theirs, the hind margin rounded below the excavation. The first joint about the same size as that of the second gnathopod; short feathered setæ along the front margin, numerous long ones on the lower part of both margins; the short second joint having the lower half of the hind margin and its apex crowded with them; the third joint nearly as long as the first, with a group of long setæ on the slightly decurrent apex of the front margin, the hind margin straight, slightly serrate, fringed with numerous setæ; the fourth joint subequal in length to the fifth, the apical group of the front margin shorter than in the third joint, with a small group a little higher up, the hind margin rather deeply serrate, fringed with long spines and setæ of various lengths; the fifth joint narrow, slightly curved, with five groups of setæ on the convex front margin, and many groups of spines on the serrate hind margin; the finger short and slender, scarcely more than a third of the length of the fifth joint. In the Plate this and the succeeding peræopods are drawn on a larger scale than the two gnathopods; to give warning of this, as well as could conveniently be managed, on the Plate itself, I have added figures of the natural size to show the comparative proportions of the second gnathopod and fifth peræopod.

*Third Peræopods.*—The hind lobe of the side-plates deeper than the front one. The limb is very similar to that of the two preceding pairs, the undilated first joint rather longer, the third shorter, with both margins serrate and fringed with setæ, some of those on the front being so strong as rather to deserve the name of spines; the fourth joint has on the hind margin an apical group of spines and setæ, and two groups of setæ higher up; the fifth joint is longer than the fourth or third, and longer than the fifth joint of the preceding pair.

*Fourth Peræopods.*—The side-plates behind nearly as deep as the hind lobe in the preceding segment. The first joint expanded, the margins nearly parallel, scarcely serrate; numerous very long setæ arise on the inner surface along the hind margin within the wing; there is a fold of the integument on the outer surface at the upper part near the front margin; upon this margin there are various setæ; the remainder of the limb resembles the corresponding part of the preceding pair, but with the third and fifth