

*Second Peræopods.*—The side-plates directed forwards like the three preceding pairs, the front margin nearly straight; the long lower margin very slightly fringed, sloping rather sharply upwards, and almost continuous with the short piece of the hind margin which slopes sharply forward below the prominent angle of the excavation, which is deeper than broad. The branchial vesicles and marsupial plates much as in the preceding segments. The first joint reaching a little below the side-plates, the hind margin fringed, except at the upper part, with many plumose setæ, the front margin free above for a short space, then armed with spines, and below with plumose setæ; the second joint bearing four long plumose setæ on the hind margin; the third joint longer than in the first peræopods, densely fringed on both margins; the fourth joint as in the preceding pair; the fifth joint more than twice as long as the fourth, the three setæ of the hinder margin being on its upper half; the finger very little longer than the two preceding joints united.

*Third Peræopods.*—The side-plates broad, not very deep, the front lobe deeper than the hinder, both unfringed. The branchial vesicles not large, directed more downwards than forwards. The marsupial plates short and narrow, with seven long setæ. The first joint large, its front margin forming a great bend, what may be called the angle of the curve being nearer the distal end than the base; along some of the lower part plumose setæ project from the inner surface, along the upper part there are spinules; the double hind margin is in each case nearly straight above and bent below; the short second joint, which is partially overlapped in front by the first joint, has one or two apical spinules; the third joint has three very slender spines on the convex front margin, a strong bent spine at its apex, and a spinule at the apex behind; the fourth joint is straight, much longer than the fifth, or than the two preceding joints united; it has along the front margin and apex thirteen long slender spines, distally pectinate, one at the apex being thicker than the rest; near the smooth hind margin are some minute surface spines, its slightly produced apex carrying the usual mixed group of spines, one nearly as long as the following joint, distally denticulate, three others shorter in various degrees, of the same character, three very short but stout, three long and very slender; the fifth joint is narrow, and has on the serrate front border sixteen long and slender spines, two rather stronger on the produced apex, and on the hind margin two spinules; the minute upturned finger has two or three dorsal denticles.

*Fourth Peræopods.*—Side-plates small, with a couple of setæ on the hinder part of the lower margin. The branchial vesicles small, bent down and a little forwards. The first joint of the limb shaped as in *Ampelisca chiltoni*; on the most prominent part of the front margin there are seven plumose setæ close together; on the surface behind there are many slender setæ remote from the margin; the second joint has an apical spine and two spinules in front; the third has three slender spines along the scarcely convex front margin, and at its apex a stronger spine and two spinules, also a small spine at the apex