

scarcely longer than broad; the third joint longer than in the preceding pair, rather shorter than the fourth joint, which has a little spinule at the apex of the straight front margin, and a scarcely developed tendency to pectination; the fifth joint curved, considerably longer than the fourth, the concave front margin with fine decurrent pectination; the finger rather more than a quarter the length of the fifth joint, armed like that of the preceding peræopods.

*Fourth Peræopods.*—Side-plates bilobed. Branchial vesicles widened above, narrowed below, rather longer than the first joint. The first joint much larger than in the preceding pair, with six spines along the front margin, the hind margin smooth, scarcely convex except at the two extremities; the rest of the limb similar to the preceding pair, except that the fourth joint is more decidedly though very finely pectinate, and the fifth joint is longer. The first and fifth joints being longer, and the others certainly not shorter than in the preceding pair, it follows that the whole limb is longer than that of the third peræopods.

*Fifth Peræopods* not much longer than the first joint of the fourth. The first joint twice as long as the remaining joints together, broad, looking very like a branchial vesicle, the front margin convex, with four little spines on the lower part, the apex drawn down a little below the hind margin, which is almost straight except at the two extremities; the second joint as broad as the length, with a subapical spine on the front margin; the third joint narrower, not longer, than the second; the fourth a little longer than the second; the fifth narrower than the fourth, not longer than the third; the sixth about as long as the fifth, tapering slightly to a blunt end, the front corner angled, furry, with a minute spinule at the angle.

*Pleopods.*—Coupling spines small, the apices forming as it appears a circlet of retroverted teeth, below which is another group of smaller teeth; the cleft spine without any considerable dilatation of either arm; the first joint of the inner ramus having three plumose setæ on the inner margin below the cleft spine; the first joint of the outer ramus with a short, broad, interlocking process, apically narrowed, the outer margin of the joint having several plumose setæ; the joints of the inner ramus nine to ten, of the outer ten to eleven. The terminal joint of the outer ramus in two or three instances in this specimen had but one seta instead of two, an anomaly which I have nowhere else observed.

*Uropods.*—Peduncles of the first pair subequal in length to the rami, the outer margin pectinate, the inner with an acute apex; the rami lanceolate, reaching beyond those of the third pair, the outer a little the shorter, pectinate along the outer margin and having five larger teeth on the lower part; the inner margin with two teeth and a little pectination; the inner ramus very similarly armed, but with four teeth on the inner margin; peduncles of the second pair much shorter than those of the first, shorter than the rami; the rami reaching beyond the peduncles of the third pair, much shorter than