

wrist; the third joint much shorter than the second, flask-like, with the bulb at the distal end; the wrist much longer than the hand, with numerous setæ on and near both margins; the hand not so long as the second joint, an elongate oval, distally sharpened so as to form a little blunt palm process from which a setule projects, and against which lies the minute finger with its strongly bent tip, forming a microscopic chela; the sides of the hand are furred with numerous tufts of setæ, and at the distal end of the front margin there are the spines usual in the Lysianassidæ overarching the finger. These spines were damaged, so that the pectination which might be expected could not be observed.

*First Peræopods.*—Side-plates broader and deeper than the preceding pair, the hind margin slightly concave. The first joint attached considerably above the centre, not nearly reaching the lower border of the side-plate, widening a little from the base; the second joint short, the third distally widened, longer than the fourth, the front apex a little produced downwards; the fourth joint abruptly narrower than the third, at the hinder apex of which it is attached, slightly curved, with three spinules on the concave hind margin; the fifth joint a little curved, subequal in length to the third, with a spinule at the hinder apex; the finger more than half the length of the fifth joint.

*Second Peræopods.*—The side-plates rather deeper and immensely broader than the preceding pair, the excavation behind being about half the depth, and more than half the breadth of the plate, the hind margin below the excavation rounded. The limb very similar to the preceding pair, the third joint scarcely so much expanded distally, the fourth with a single spinule on the hind margin, the finger rather stouter and much shorter.

*Third Peræopods.*—Side-plates with the hind lobe deeper than the front, the breadth slightly greater than the depth of the hind lobe. The marsupial plates very narrow, with two apical setæ. Marsupial plates were not observed attached to any of the other limbs. One pair of oval branchial vesicles was seen, but it was not ascertained how many more pairs there were. First joint attached just above the distal margin of the front lobe of the side-plate, a little wider but not longer than the first joint in the preceding peræopods, with a pair of apical spinules on the nearly straight front margin, and a row of three a little higher up, the hind margin convex; the second joint short, with a few spinules on the front margin; the third joint longer and much more dilated than in the preceding peræopods, with four spinules on the front and three on the much bowed hind margin, besides one or two at each apex; the hinder apex acute, completely overlapping the narrow fourth joint, which has a spinule at the middle of the front margin and two at its apex; the fifth joint longer than the fourth, similarly armed, shorter than the corresponding joint in the preceding peræopods; the finger rather more than half the length of the fifth joint; the nail small.

*Fourth Peræopods.*—The side-plates much deeper than broad, the margins nearly parallel, the hinder longer than the front. The first joint wider than the side-plate, rather longer than broad, the front margin convex, with some spinules along the lower