

figured the fourth joint is a long oval, more than twice as long as broad, thus in the adult making an approach to the shape which the joint has in the young; the fifth joint as long as the fourth, with pectinate hind margin; the finger smooth, gently curved, not half the length of the fifth joint.

*Second Peræopods* similar to the first; the first, third, and fourth joints rather longer, the fourth also a little broader; the fifth joint scarcely so long as the fourth.

*Third Peræopods*.—The first joint about equal in length to the first in the following pair, with spines along the front margin of the somewhat widened lower part; the second joint short, with minute spinules in front; the third joint nearly twice as long as the distal width, with spines along the front margin, at the apex of the hind margin, and one as in the other species higher up that margin; the fourth joint longer than the first, more than twice the length of the third, narrowing a little distally, with spines along both margins, but most along the front; the fifth joint in the specimen figured as long as the third and fourth together, much narrower than the fourth, a little bulbous at the base, gently curved, with a few spines on the upper half of the convex hind margin, the concave front margin fringed with spines and finely pectinate, not more strongly near the apex than higher up, though with three or four strong teeth at the apex; the finger short, curved, smooth. The fifth joint in other specimens is straight, longer than the third and fourth joints together, with pectination increasing towards the apex, agreeing in shape with this joint in the other species, yet apparently not attaining the same proportionate length (see fig. *prp.3.A*).

*Fourth Peræopods* differing little from the third; the third joint narrower, but if anything rather longer; the fourth joint about four-fifths of the length of that in the preceding pair, not dilated at the upper part, with spines along each of the serrate margins and on the inner surface; the fifth joint not a great deal shorter than in the preceding pair, rather broader, with spines on the edges and the inner surface, the front margin finely pectinate; the finger as in the third peræopods.

*Fifth Peræopods* similar to the fourth, but with the first joint rather longer, the inner of the two hind margins having spines on the lower part; the fifth joint rather longer than in the fourth pair, with spines on the surface, but the hind margin not serrate or spined and the front not pectinate.

*Pleopods*.—The cleft spine as in *Euthemisto gaudichaudii* both in form and position, and as in that species the first joint of the inner ramus has two plumose setæ at the distal end of the inner margin; in the pleopod examined the joints of the inner ramus were sixteen in number, of the outer seventeen.

*Uropods*.—The peduncles of the first pair narrower than those of the second and scarcely so long, rather longer than the long and narrow inner ramus; the outer ramus also narrow, rather more than half the length of the inner; in all the pairs the adjacent edges of the two rami are finely pectinate; peduncles of the second pair as broad as