

down the inner margin; the first joint of the palp is short, the second very long, fringed on the inner margin with long plumose setæ, which, like those of the outer plate, might equally well be designated as spines; the third joint a little bent, with two plumose setæ on the convex outer margin, and three on the truncate distal border; the finger very small, the long spine-like nail being about twice as long as the base.

The *tritulating organs* appear to have very many slender spines, but not stout strong ones.

*First Gnathopods.*—Outline of side-plates not clearly made out. First joint reaching much beyond the side-plate, as long as the wrist, widening distally, near the front apex having two long plumose setæ; the second joint with a plumose seta on the hinder apex; the third joint with the hind margin almost semicircular, carrying a setule at the centre, two plumose setæ near the apex; the wrist a very elongate oval, narrow at both ends, much longer than the hand, the front margin convex, unarmed, except that at the apex there are two geniculate spines which have their lower half pectinate; the hind margin more convex, fringed with eighteen long plumose setæ, near which there are five or six smaller setæ on the surface; the hand narrow at the base, thence rapidly widening, tending to oval, the front margin with two apical spines, one apparently smooth, the other feathered with six or seven long branches; the convex hind margin carries nineteen long plumose spines or setæ, and close to the finger a geniculate spine much longer than the rest, and much longer than the finger; the surface has many adpressed cilia near the front, and five plumose spines near the hind margin; the finger is nearly as long as the hand, slender, slightly geniculate, the tip curved.

*Second Gnathopods.*—Side-plates doubtful, seemingly with the front and lower margin forming a continuous convex curve. Branchial vesicles longer than the first joint of the limb. In a female specimen the marsupial plates were very narrow, but nearly as long as the branchial vesicles, and having long setæ. The first joint of the limb slenderer than in the preceding pair, about as long as the wrist, but narrower; the second and third joints small as in the preceding pair, the third with two setules but seemingly without long apical setæ; the wrist elongate, as long as in the preceding pair, but much narrower, narrowest distally, the hind margin carrying about fourteen pairs of long setæ, strongly rather than densely plumose, most of them geniculate, and on a blunt apex having a little point with two long arms, diverging one on either side; the hand longer and narrower than in the preceding pair, about three-quarters the length of the wrist, narrow at both ends, with seven of the furcate and six of the unfurcate setæ along the hinder margin, the apex having two of much greater length than the rest, longer than the hand itself; between the two latter is the minute finger, of which the basal portion has a tooth on the inner margin, and the nail, which is equally long but abruptly narrower, has one on the outer.

*First Peræopods.*—Side-plates larger than the preceding pair, front margin similar,