

articulated first joint, and very many long slightly feathered spines on the serrate margins of the triangular apex of the second joint, which scarcely reaches the bases of the spines of the outer plate.

*Second Maxillæ.*—The inner plate rather longer than the outer and immensely broader, especially at the base, from which it narrows gradually to the apex; the inner margin armed with about thirty-six long, spine-like, plumose setæ, the tips unfeathered, and a parallel row of some twenty shorter spines, with the distal portion denticulate; these spines increase in length as they approach the apex, where there are some long spines, plumose below, denticulate above; the outer plate, of tolerably even width throughout, has many large spines on the apex, slightly denticulate, and a few slender and setiform at the tip of the inner margin.

*Maxillipeds.*—The inner plates greatly inflated, not reaching so far as the distal end of the first joint of the palp; the inner margins convex, distally dehiscent, fringed with long minutely feathered spines rather than setæ, the series passing round to the outer distal angle, where the flattened distal margin carries a thin spine bending over two little straight spinules; some way down the outer margin there are two strong spines; the outer plates narrow, not reaching the distal end of the second joint of the palp, armed along the serrate inner and distal margins with long slender spines, of which there are groups also on the outer surface near the inner margin; first joint of the palp subequal in length to the second; both armed on the inner margin, the second also on the outer apex, with long slender spines; the third joint much shorter than the second, very slender, with slender spines along the inner margin and about the apex, one or two of the latter longer than the finger; the finger thin and nail-like, with a very small dorsal cilium at a fourth of the finger's length from the base.

*First Gnathopods.*—The side-plates small, almost triangular, with the free margin a little curved. The first joint about as long as the next four joints united, the front margin straight, fringed with setæ, the hinder a little sinuous, with many very long slightly plumose setæ on or near it; the second joint short, with plumose setæ at the hinder apex; the third joint with plumose setæ at two points of the hind margin, and along the distal border, which forms a pointed apex in front; the wrist is longer than the hand and distally broader, with several strong spines on the hinder margin, as well as groups of setæ here and on both surfaces, and at the apex of the front margin; the hand tapers much towards the distal end; the serrate hind margin is nearly straight, carrying ten or eleven groups of long spines and setæ, and several groups of long setæ also on the surface and on the front margin, the distal part of which is serrate; the finger is small and slender, about half the length of the hand, at the apex of which it is fixed, having no palm to close against, the long spines and stiff setæ of the hind margin perhaps for some purposes serving instead of a palm.

*Second Gnathopods.*—Side-plates parallel-sided, the lower margin continuing the