

joint of the palp is more than twice as long as broad, the second joint is long, much curved, the outer margin concave, the convex inner margin fringed with slender pectinate spines, of which one near the centre is very long; the third joint is shorter than the second, both margins a little convex, the inner and the narrow truncate apex set with rows of finely pectinate spines.

*Lower Lip.*—The principal lobes distally narrow and strongly ciliated both there and on the inner margins, widely dehiscent; the inner lobes tumid, broad at the top, and much ciliated; the mandibular processes long, the outer margin making an elbow, the apical flat, sloping outwards.

*First Maxillæ.*—The inner plate small, with a single plumose seta at the apex; the outer plate widening distally, the distal margin oblique, carrying seven spines, the first long, seta-like, plumose or furry, the four following shorter, slender, with curved tips, the next very much stouter, the last again both longer and stouter, quite out of proportion to the rest; submarginal to the last but one is an eighth very slender curved spine, smooth-edged like the other six; the first joint of the palp longer than broad, the second curving round the outer plate, widening almost fan-like to a great breadth distally, the distal margin being set round with twenty small spine-teeth, accompanied by some setules which are continued down the inner border.

*Second Maxillæ.*—The inner plate rather longer and considerably broader than the outer, with the apex and most of the inner margin fringed by four and twenty very long plumose setæ, the outermost at the apex being shorter than those which immediately follow, but otherwise the size diminishing with great regularity from the apex downwards; the strap-shaped outer plate carries three similar setæ on the truncate apex.

*Maxillipeds.*—The inner plates rudimentary, rather longer than broad, the narrow truncate apex tipped with two long setæ; the joint which bears them is very short compared with the elongate second joint; this is fringed on both margins with numerous spinules or setules, and on the outer surface near the slightly concave inner margin armed with numerous very long setæ; the plates are about one-third of the total inner length of the joint, very little longer than broad, not reaching beyond the first joint of the palp, the slightly convex distal margin fringed with long spines, the series of spinules being resumed on the outer margin; the first joint of the palp is short, the second much longer, fringed on the inner side with very many long setæ and spines, and short setæ on the outer side; the third joint not longer than the first, fringed like the second; the finger not so long as the third joint, with spinules along the inner margin; the full breadth of the palp is not seen in the figure.

*First Gnathopods.*—Side-plates almost square, a little longer than broad, a little broader above than below, the lower margin fringed with spine-like plumose setæ. The first joint reaching far beyond the side-plate, widest at the distal end, the front apex of which is rounded, both margins fringed with various spines; the second joint with spines