

smooth and nearly straight; the second joint quite small, longer than broad, with a narrow neck; the third joint slender, broken.

*Lower Antennæ*.—Gland-cone conspicuous; the third (first free) joint of the peduncle elongate, about four-fifths of the length of the following joint, bent near the base, the concave margin ciliated like the rest of the antenna, the fourth joint narrow, dilated a little near the apex; the fifth joint a little or not at all shorter than the fourth; the first joint of the flagellum curved, about three-quarters as long as the third joint of the peduncle; the second joint straight, very short and narrow.

*Epistome* with the distal border furry.

*Mandibles*.—Cutting edge broad and straight, striated, and microscopically denticulate, with a projecting tooth at each extremity; the secondary plate of the left mandible denticulate like the principal plate, but with no projecting teeth; close to the base of the secondary plate, at some distance from the top of it, there is situated a little tooth-like process; on the right mandible a ridge corresponding with the base-line of the secondary plate on the left mandible is not produced into a plate, but adjoining it there is a tooth-like process larger than that on the left mandible. First joint of the palp a little shorter than the second and third together, much broader than either; the third longer than the second, curved, almost acute.

*Lower Lip* with the apical part strongly furred or ciliated.

*First Maxillæ*.—Immediately below the little apical tooth there are on the inner margin three small crenate or three-pointed teeth.

*Maxillipeds*.—The inner plate short, as broad as the length, with two embedded teeth below the centre of the strongly furred apical margin; outer plates broad and long, strongly furred on and near the inner margin; these plates when *in situ* bent at an angle to the basal joints extend in front of the cutting edge of the mandibles to the upper lip.

*First Gnathopods*.—The side-plates with the lower front angle acute. The first joint strongly twisted, very narrow at the middle, above this forming a great rounded elbow behind, the lower part of the joint dilated, with the hind margin nearly straight, the front very convex; the second joint not longer than broad; the third wrist-like, distally dilated so as to be broader than long, scarcely perceptibly pectinate at the rounded apex behind; the wrist dilated, as broad as long, as long as the hand, with smoothly convex front margin, the hind margin finely pectinate except near the base, the teeth of the pectination slender and sharp, the upper part of the margin very convex, the lower part a little concave, the muscles occupying only the front part of the joint; the hand without palm, apically not half as broad as in the upper part, the hind margin pectinate, but near the apex very slightly; the finger half the length of the hand, slightly curved.

*Second Gnathopods*.—Side-plates transversely oval. The first joint with a narrow straight piece above and a broadly dilated piece below; the second and third joints nearly as in the first pair, but larger; the wrist with the proximal part broader than long, the