

mandible similar to the principal, but without the produced tooth; the little process behind the cutting plate on the right mandible extremely minute; palp wanting in the female.

*Lower Lip and Maxillæ* appear to be represented but they are difficult to determine.

*Maxillipeds* strongly bent.

*First Gnathopods*.—The first joint little longer than the wrist and not half as broad; the second joint broader than long; the third widening distally, rather longer than broad, with a spine at the apex of the hind margin; the wrist very large, broadest at the base of the hand, longer than broad, the hind margin longer than the front, carrying a few small spines, the broad process not so long as the proximal part of the wrist, nor reaching quite to the extremity of the hand, its front or inner margin cut into several teeth and bordered on each surface with a thick brush of spines, the apical tooth much the longest, the short hind margin of the process having one tooth between the long apical tooth and the short tooth which forms the apex of the hind margin proper; the hand is shorter than the front margin of the wrist, with numerous spines on both surfaces, most numerous distally and near the hind margin; the hind margin nearly straight, toothed and serrate, the apical tooth the largest, produced some way along the finger; the finger slender, a little curved, scarcely half as long as the hand, having a small tooth at about the centre of the hind margin.

*Second Gnathopods*.—The first three joints nearly as in the first pair, the wrist of similar type but with the proximal part much more elongate, the hind margin continuous to the long apical tooth, and the inner margin of the process cut into about fifteen teeth which are larger and much closer together than those in the first pair, with comparatively few spines on the adjacent surface; the hand reaches a little beyond the process of the wrist, but is very much shorter than the front margin; it has spines as in the first pair, and the hind margin is cut into a dozen close-set decurrent teeth, resembling those of the wrist; the finger is slender, bent, more than half the length of the hand, having a tooth near the centre of the hind margin.

*First, Second, Third, and Fourth Peræopods*.—There are numerous spinules along the hind margin of the third, fourth, and fifth joints in the first and second pairs; the second pair are the longer; the third pair are longer than the second, and have the same joints furnished along the front with spinules; the shorter fourth pair have the third joint pectinate with short straight teeth, the fourth with longer straight teeth, the fifth with unequal decurrent teeth, the finger finely pectinate. The side-plates of the third pair have on the inner side a narrow tongue-like process pointing directly backwards.

*Fifth Peræopods*.—Side-plates with rounded front angle, only the hinder half disjoined from the segment, this half shallow, with the upper and lower margins nearly straight and parallel. The first joint slender, pear-shaped, somewhat longer than the first in the preceding pairs and rather longer than the remaining joints together, apically