

In fig. *a.i.C.*, from another specimen, the flagellum is longer and contains twenty distinct joints, of which the first is the longest.

*The Mouth Organs* show no special characters of distinction from those of *Primno guerini*; in the specimen figured the mandibles have a small one-jointed palp; in the second specimen the mandibular palp was two-jointed, the second joint shorter than the first. The condition of the antennæ, as well as the fact that the mandibular palp had not attained its full number of three joints, indicates that each of the specimens is a male not fully adult.

*The Gnathopods* show no difference from those of the preceding species, except slight variations in proportion of parts, such as might belong to the individual rather than the species; it may, however, be noticed that the side-plate of the second gnathopod is produced into an extremely sharp point, and the first joint less conspicuously dilated than in the species compared.

*First Peræopods.*—The side-plate is less produced in front; the indents of the third and fourth joints are more pronounced, and the fourth joint is as long as the fifth.

*Second Peræopods.*—The fourth joint is longer than the fifth.

*Third Peræopods.*—The teeth on the front margin of the wrist are as follows, a moderately long one with a denticle on its upper margin, two short, a long, four short, a very long one, two short, a long, and three short, close to the hinge of the fifth joint; the fifth and sixth joints together are not as long as the fourth, and the sixth joint or finger is not half the length of the fifth joint. The teeth of the margin of the fourth joint seem much inclined to vary, depriving them of their value as specific characters; thus in the second specimen in one limb these teeth were as follows—one long, two short, one long, four short, one long, three short, one long, three short, the last of these three being double-tipped; in the other limb they were one long, two short, one long, three short, one broken (probably long), three short, one long, four short, the last double-tipped. In the female specimen the teeth on one limb were—one moderately long, two short, one long, four short, one long, four short, one long, four short, the last double-tipped; on the other limb they were—one long, three short, one long, four short, one long, three short, one long, five short, the last double-tipped.

*Fifth Peræopods.*—These seem to show the most characteristic differences; the first joint is a good deal narrower distally, having a very convex, slightly serrate, hind margin, and a sinuous front margin which is concave above; the five following joints together considerably shorter than the first joint, the first four with shape and proportions nearly as in *Primno macropa*; the finger half the length of the preceding joint or less, with the front margin nearly straight to the apex, then oblique for a very short distance, that portion pectinate with some microscopic hairs or spinules, the terminal one being the strongest, projecting from the tip of the hind margin which as in the other species is bent sharply round at its apex.