

indeed represented in the male, but standing at a greater distance from the posterolateral angle and being very faintly marked; in the female there is very little convexity in either the upper or lower margin of these segments.

*Upper Antennæ* two-jointed, the first joint rather thicker than the second, but not half as long, the second joint widening a little for some distance, then narrowing and carrying three or four pairs of filaments, the apex blunt or truncate.

*Lower Antennæ* only represented by the semicircular rudiment swelling out on each side of the head just below the lateral eye; from the lower part there is a little projection containing the opening of the gland-cone.

*Maxillipeds*.—The inner plate rudimentary; the sinuous inner margin of the outer plates carries five conspicuous spaced denticles, followed by two smaller close together, and these again by a finely pectinate tract, while the narrowed apical portion is almost smooth, the blunt end having a setule; there are also two setules on the surface below the apex.

*Gnathopods* differing little from those of the male.

*Peræopods* more elongate than in the male; in the first and second peræopods the length of the third joint is much greater as compared with the second joint; the second peræopods are much shorter than the first, the difference in size being very marked in the fourth joint as well as in the fifth.

*Third Peræopods*.—First joint much longer than in the preceding pair, narrower than in the male, with six teeth on the front margin, and three besides the apical teeth on the hind margin; the second joint with three little teeth or serratures; the third joint twice as long as the second, with five teeth on the front margin; the fourth joint more elongate and slender than in the male, the largest tooth of the front margin being the seventh or eighth, below which are two strong teeth; the fifth joint relatively shorter than in the male.

*Fourth Peræopods*.—The fourth joint very much longer than the fifth, the front margin seemingly smooth, except for a minute setule here and there.

*Fifth Peræopods*.—Fourth joint much more than twice as long as the third and considerably longer than the fifth. In this and the preceding pair the gland-cells are very conspicuous in the long first joint.

*Pleopods*.—Peduncles narrowly oval.

*Uropods*.—Peduncles rather more slender and elongate than in the male; the second pair rudimentary, consisting of a single lanceolate joint so short that it only about reaches to the base of the telson.

*Length* rather greater than that of the male specimen.

*Locality*.—February 6–7, 1875; south of Mindanao, Celebes Sea; lat. 6° 20' N., long. 123° 18' E.; surface, night; surface temperature, 81°·7. Six specimens, one male, five female.