

down beside the palmar spine, its inner margin having a few hairs, the dorsal cilium minute, close to the hinge.

First Peræopods attached behind the centre of the segment. The branchial vesicles large, oval. The marsupial plates much larger than the branchial vesicles; the free margin fringed with setæ. The limb consisting of a long slender joint attached by a small hinge, the length about two-thirds, the breadth about one-third, that of the branchial vesicles, the rounded apex carrying several setules.

Second Peræopods attached in front of the centre of the segment, the details similar to those of the preceding pair, except that no setæ were perceived on the marsupial plates.

Third Peræopods attached nearly at the distal end of the segment, with the little smooth-rimmed oval genital-valves projecting from the ventral surface of the segment just in advance of them. The side-plates as usual quite small; the first joint widening a little distally, with some spines at the apex and one or two spines higher up on the front margin; the second joint scarcely longer than broad, with some apical spines; the third joint not quite so long as the first, widening a little distally, with apical spines and a small group of spines near the middle of the front margin; the fourth joint as long as the first, with spines at four points of the front margin and many round the apex; the fifth joint about as long as the fourth, with spinules at various points of the hind margin, the front margin smooth for the first fourth of its length or a little more, then forming an advanced point, on which are fixed a pair of rather slender spines apically serrate; below these the margin is bordered with spines of various lengths and thicknesses, and setiform spines are set round the sloping sides of the apex; the finger is strong, curved, capable of reaching the pair of spines on the advanced point of the hand, its inner margin carrying a few hairs.

Fourth Peræopods attached quite at the distal end of the segment, similar in armature and general structure to the preceding pair, but the second joint longer than broad, the third joint rather longer than the fourth, the fourth considerably shorter than the first, the fifth longer than the first.

Fifth Peræopods attached at the distal end of the segment, resembling the preceding pair in structure, but exceeding these and the third pair in size, to some extent in length but especially in breadth.

Uropods.—Viewed laterally the diminutive pleon presents the appearance of a basal joint, the distal margin of which is (laterally) emarginate, having a pair of small oval appendages attached at the upper end of the emargination, and folding back so as nearly to reach its lower end. There are some minute setules at the apex in these appendages.

Length.—In a slightly bent position the mounted specimen measures, from the front of the head to the pleon, a quarter of an inch.

Locality.—The label gives "Caprella, 28 fathoms, Arafura Sea." On the glass slide there is the monogram **S**.