

Fourth Peræopods.—Side-plates narrow. Branchial vesicles smaller than the first joint, in position pointed backwards. First joint similar to that in the preceding pair, but larger, rather more widened at the top, with spines at nine points of the front margin; the two following joints also like those of the preceding pair, but larger, with stronger spines, and the third joint proportionately a little more decurrent both in front and behind.

Fifth Peræopods.—Side-plates small. The first joint larger than in the preceding pair, broader at the centre; the two following joints similar to those of the preceding pair, not larger.

Pleopods.—Coupling spines broad at the base, with from two to three pairs of retroverted teeth below the apex; in the third pair there is a strong spine at the inner apex of the peduncle close to the coupling spines, and many times as long, and another spine about half its length at the outer apex; cleft spines four in number in the first two pairs, three in the third pair, the arms nearly equal in length; the joints were nine to the inner, ten to the outer, ramus of the third pair.

Uropods.—Peduncles of the first pair a little longer than the rami, with several spines along the margins, and some large and strong ones about the apex, the outer ramus a little shorter than the inner, each with a few spines on the margin, and a strong apical group; the peduncles of the second pair a little shorter than the rami; the rami respectively shorter than those of the first pair, but, as well as the peduncles, very similarly armed; the inner margin of the inner ramus more closely spined; third uropods missing.

Telson small, scarcely longer than broad, cleft nearly to the base. The dehiscence boat-shaped, bounded by a sharp apex on either side, while the slightly converging outer lateral margins form two other apices still more produced, each pair of apices having the interval between the two points occupied by two long unequal spines, which extend back much beyond the apices themselves.

Length.—The specimen, in the position figured, measured, from the front of the head to the back of the third pleon-segment, a quarter of an inch.

Locality.—Station 186, between Cape York and the Arrou Islands, September 8, 1874; lat. $10^{\circ} 30' S.$, long. $142^{\circ} 18' E.$; depth, 8 fathoms; bottom, coral mud. One specimen.

Remarks.—Dana's *Gammarus suluensis* was taken in the "Sooloo Sea; from a small island off the harbour of Soung; among seaweed floating off the shore." He states that "the stylets [uropods] are all long, and extend equally far backwards."