

curved, scarce half the length of the fifth joint, having a short nail, with a spinule on the inner margin at its base, and another at some distance from the base.

Fourth Peræopods.—Side-plates shallow, oblong behind. The limb similar to that of the preceding pair, but longer. The first joint nearly as broad as long, with six spines on the front margin, and six deep slits and one shallow one on the hind margin; the third joint with fourteen setæ on the hind margin; the finger much less than half the length of the fifth joint.

Fifth Peræopods.—Side-plates shallow, not lobed. The first joint not large, but larger than that of the preceding pair, longer than broad, produced behind beyond the short second joint; the third, fourth, and fifth joints longer than those which correspond in the preceding pair; the finger a third the length of the fifth joint.

Pleopods.—Coupling spines rather long and slender, with a row of three or four lateral teeth; below the coupling spines there are some acute spines; the cleft spines are four in number on the comparatively very short first joint of the inner ramus; the joints of the rami vary in number on the different pairs from fifteen to eighteen.

Uropods.—Peduncles of the first pair longer than the rami; the outer ramus much shorter than the inner, with two or three spines on the margin and two at the apex, the inner ramus shorter than the outer of the second pair, spined along the margins and at the apex; peduncles of the second pair reaching beyond those of the first, much shorter than the inner ramus; the outer ramus spined along both margins and at the apex, much shorter and more slender than the broad and long inner ramus, which reaches even beyond the rami of the third pair, is spined along both margins, and apically pointed; the rami of the third pair are long, lanceolate, the outer rather shorter than the inner, with spines on the margins, a nail at the apex, and long densely plumose setæ on the inner margin; the inner ramus likewise fringed with marginal spines and plumose setæ on the inner margin.

The Telson reaching beyond the peduncles of the third uropods, much longer than broad, cleft much beyond the middle, the apices probably acute, but in our specimen broken, hence in the figure appearing truncate.

Length.—The specimen, in the position figured, measured, in a straight line from the rostrum to the apices of the third uropods, three-tenths of an inch.

Locality.—Station 161, off Melbourne, April 1, 1874; lat. $38^{\circ} 22' 30''$ S., long. $144^{\circ} 36' 30''$ E.; depth, 33 fathoms; bottom, sand. One specimen, male. Trawled.

Remark.—The specific name refers to the partial serration of the hind margin of the third pleon-segment, which among other things distinguishes this species from *Syrrhoë crenulata*, Goës.