

First Peræopods.—The first joint has three small teeth on the lower part of the hind margin.

Second Peræopods.—The first joint has seven teeth along the hind margin, this joint being nearly as long as the three following together; the third joint is nearly as long as the fifth, while the fourth is noticeably longer than either.

Third Peræopods much longer than the second. Branchial vesicles little more than a fifth the length of the first joint. The first joint with twelve little unequal teeth along the front margin, and six or seven along the hind margin; the second joint with four or five very small teeth on the front, the third joint with six or seven; the fourth joint with the largest tooth the eleventh, below which the palm has three, the lowest blunt; the fifth joint though larger than in the male specimen, is little more than a third the length of the fourth joint, the large tooth of which touches its upturned inner margin a little below the centre.

Fourth Peræopods.—Branchial vesicles longer than the preceding pair, elongate, but less than half the length of the first joint. First joint elongate, much shorter than in the third peræopods, a little longer than the three following joints together, proximal part narrow, distal half widened, with the gland-cells conspicuous, the front margin forming a small apical tooth; the second joint considerably longer than broad, with a small apical tooth in front; the third joint a little more than twice as long as the second; the fourth about twice as long as the third; the fifth scarcely so long as the third.

Fifth Peræopods shorter than the fourth. First joint longer than in the preceding pair and a little more slender, much longer than all the remaining joints together, the second a little longer than broad, the third not more than twice as long as the second; the fourth more than twice as long as the second, less than twice as long as the fifth.

Pleopods.—Peduncles elongate, especially in the first pair.

Uropods more elongate than in the male specimen, except the second pair, which are reduced to a minute oval joint not long enough to reach the base of the telson; at the apex there is a hair or very small setule.

Telson very small, broader than deep, almost too flat-ended to be called semicircular, not reaching clear of the ventral opening.

Length.—The largest of the female specimens measured three-tenths of an inch from the front of the head to the end of the peræon, and four-tenths from the latter point to the extremity of the uropods, in all when fully extended seven-tenths of an inch.

Locality.—Station 230, April 5, 1875; North Pacific, south of Japan; lat. $26^{\circ} 29'$ N., long. $137^{\circ} 57'$ E.; surface; surface temperature, $68^{\circ} 5$. Seven specimens; one male, six females.