

*Fifth Peræopods.*—The side-plates shallow, not narrowed behind, serrate and fringed round the lower and hind margins. Branchial vesicles small, apparently with a small accessory lobe at the base as in the other pairs. First joint much longer and broader than in the preceding pairs, about once and a half as long and more than once and a half as broad, with short spines along most of the very convex front rim, setæ along the shorter, also convex hind rim; the second joint short, all the others elongate, of nearly equal length, none so long as the first joint, all bordered with spines of various lengths and thicknesses, some of which are prickly, many with short bent tips and a small accessory thread, those on the slightly serrate margins of the finger being slender, prickly, not decreasing in length as they approach the tip of the finger, the tip itself broken. This limb, though very much longer than the fourth peræopod, cannot be considered nearly double as long.

*Pleopods.*—The coupling spines on the third pair being seen full face showed two lateral retroverted hooks on each side, one of them having a third on one of its sides and an appearance near the base of two little upturned points; those on the first pair, less well placed for observation, appeared to have more hooks, and more on one side than the other; the cleft spines showed a row of five on the first pleopods, of four on each of the following pairs; the interior roughening of the longer arm was in this species very conspicuous. The joints of the rami numbered from fifteen or sixteen to eighteen. On the peduncles there were plumose setæ and some spines.

*Uropods.*—Peduncles of the first pair considerably longer than the rami; the rami acute, with small spines on the upper margins, not extending to the apex, one ramus longer than the other; peduncles of the second pair longer than the inner ramus; the outer ramus broken, the inner reaching back between the longer and the shorter ramus of the first pair; the third uropods broken off.

*Telson* short, not reaching far beyond the produced sides of the sixth pleon-segment, rather longer than broad, the broad distal margin with a slight tendency to crenulation, set about with plumose cilia and having a small spine on either side of the almost angled centre.

*Length.*—The specimen figured life-size on Pl. LXIII. fig. A., measured three-fifths of an inch, exclusive of the antennæ.

*Locality.*—Station 317, near the Falkland Islands, February 8, 1876; lat. 48° 37' S., long. 55° 17' W.; depth, 1035 fathoms; bottom, hard ground (gravel); bottom temperature, 35°·7. Two specimens. The more complete specimen was mounted on board the vessel, and labelled as obtained "from net at the weight."

*Remark.*—The specific name refers to the glassy slipper-like cap over the nail in the peræopods which is found in this species, and indeed in many others of the same family.