

with two small teeth breaking the line of denticles in the distal half; the long and powerful finger has a sharp tip, which closes down between and beyond the large palmar spine and a smaller one on the surface; its inner edge is smooth.

First Peræopods wanting, or only represented by the small joint, at the extremity of which the branchial vesicles are attached. Branchial vesicles small and almost round, a little narrowed at the point of attachment. Marsupial plates enormously larger than the branchial vesicles, oval, the distal end the larger, the rim crenulate, fringed with setæ.

Second Peræopods in the same condition as the first. The branchial vesicles and marsupial plates nearly as in the preceding segment, but in this the marsupial plates are directed forwards instead of backwards; they are, like the others, fringed with setæ.

Third Peræopods three-jointed, attached above the centre and at the broadest point of the very narrow elongate segment; the first joint attached to the distal border of a small laminar projection which may be regarded as representing a side-plate, the joint not twice as long as broad, distally widened; the following joint more than twice as long, armed with two or three setules; the third joint as long as the first, slightly tapering, with a setule at the apex, and one on either side a little way above it. There is little or nothing to indicate what joints are homologically represented by these three; it may be supposed that the last represents the hand or fifth joint, and that the penultimate represents the fourth, or the third and fourth combined.

Fourth and Fifth Peræopods.—Of these nothing was left but the stumps, but the muscles running to them indicated that they are probably of the average size and strength in proportion to the size of the animal.

Uropods.—There was nothing about the pleon to indicate whether the uropods were naturally or accidentally wanting.

Length.—The specimen, in the position figured, measured without the antennæ one-seventh of an inch. Fully extended it would have been rather more.

Locality.—Station 135c, off Nightingale Island, Tristan da Cunha, October 17, 1873; depth, 110 fathoms. One specimen, female.

Remark.—The specific name refers to the place of capture.

Genus *Protellopsis*, n. gen.

The *First* and *Second Peræopods* rudimentary, consisting of two joints.

Uropods of the first pair reaching beyond the pleon, two-jointed, the second joint comparatively long and narrow; the second pair short, tapering.

In other respects this genus is like *Protella*, Dana.

In Mayer's arrangement of the Caprellidæ this genus will stand immediately in front of *Protella*.