

fourth, subequal to the fifth, widening distally, with a group of rather long spines on the somewhat decurrent hinder apex, and smaller spines at three points of the hinder and four of the front margin; the armature of the fourth joint similar; the fifth joint with spines at five points on each margin, the front ones the stronger, and, as on the preceding joint, a little curved towards the margin; the finger about three-quarters as long as the fifth joint, at first straight, distally curved, with a short sharp nail, hairs along the hind margin, and a dorsal cilium close to the hinge.

*Fourth Peræopods.*—Side-plates as in the preceding segment, but rather smaller. The limb like that of the third peræopods, but longer, and with the first joint rather wider.

*Fifth Peræopods.*—Side-plates not bilobed; the limb like that of the fourth peræopods, but with the first joint rather larger.

*Pleopods* slender; coupling spines stout, a little bent, with two pairs of retroverted hooks, the pair below the apical being the larger; the cleft spines appear to be a series of five on the first pair, of three on the second and third; the joints of the rami numbering from eleven to thirteen. The figure *plp.sp.* shows two of the coupling spines of one peduncle interlocked with one from the peduncle of the opposite side.

*Uropods.*—Peduncles of the first pair about as long as the inner ramus, having five spines on one of the upper margins, and a longer spine on the lower apex; the outer ramus normally shorter than the inner, but on one side of the specimen figured nearly equal to it; the proportions seem to be not quite constant; both rami have spines on the margins and an apical group; the inner ramus has a dozen spines on the inner margin, five or six on the outer, a long and short one at the apex, with two of more equal length above, this arrangement of the apical group applying to both rami in this and the following uropods; peduncles of the second pair much shorter than the inner ramus, the outer ramus shorter than the inner, both with marginal and apical spines; the third uropods resembling the bowl of a spoon, with the cavity turned towards the telson, beyond which they project a little, the margin set round with six or seven spines, of which the inner are somewhat setiform.

*The Telson* scarcely longer than broad, with a narrowly rounded end, at a little distance from which, on either side, is a group of three small cilia; on the upper surface, at about the middle, begins a bluntly conical, minutely furred projection, not reaching quite to the distal margin, carrying two prominent spines on the upper margin of its apex.

*Length.*—The length along the back of the peræon and first two segments of the pleon, of the specimen which supplied figure D, was two-fifths of an inch.

*Locality.*—Nine specimens, including males and females, were obtained at Kerguelen, some, probably all, from Station 149H; off Cumberland Bay; Jan. 29, 1874; depth, 127 fathoms; bottom, volcanic mud.