

*Fifth Peræopods* similar to the fourth, the first joint perhaps a little longer, with some spines on the lower part of the inner hind margin; the third joint narrower, with some spines on its inner surface; the fourth joint shorter and narrower than in the preceding pair; the fifth joint slightly shorter than in the preceding pair, with the hind margin smooth, and the front having a very faint pectination, which, instead of becoming stronger towards the apex, is entirely absent from the lower part of the joint.

*Pleopods*.—The cleft spine placed at the middle of the long first joint, with the serrate arm a little longer than that which bears the narrow subapical dilatation; the first joint of the outer ramus having a tongue-like interlocking process, and carrying three or four setæ on a bulge of the outer margin near the centre; the joints of the inner ramus numbering from thirteen to fourteen, of the outer from fourteen to fifteen.

*Uropods*.—Peduncles of the first pair longer than the rami, which are rather long and narrow, the outer shorter and narrower than the inner; the adjacent margins of the two rami in all three pairs finely pectinate; the peduncles of the second pair rather shorter but broader than those of the first, the inner apex acute; the outer ramus shorter and much narrower than the inner, shorter than the outer ramus of the first pair, the inner ramus a little shorter than the peduncle, with which it appears to be almost coalesced, a little shorter but broader than the inner ramus of the first pair; peduncles of the third pair the broadest and longest, the rami respectively broader than those of the first pair, and nearly as long.

*Telson* small, triangular, the breadth at the base equalling the length.

*Length* of the two largest specimens, three-fifths of an inch.

*Localities*.—January 23, 1874; off the north-east coast of Kerguelen Island; surface; surface temperature, 40°·5. A large number of specimens, most of them not full grown.

Station 302, December 28, 1875; off Patagonia; lat. 42° 43' S., long. 82° 11' W.; surface; surface temperature, 55°. Six specimens, not adult.

Station 314, January 21, 1876, Cape Virgins to Falkland Islands; lat. 51° 35' S., long. 65° 39' W.; surface; surface temperature, 48°. Numerous specimens, not adult.

*Remarks*.—In the first instance I regarded the Kerguelen specimens, one of which is figured on Pl. CLXXII., as distinct from the South American, one of which from Station 302 is figured on Pl. CLXXIII.; but the differences appear to depend upon the age of the specimens, in the young ones the process of the wrist of the second gnathopods being less outdrawn than in the adults, and similarly the fourth joint in the first and second peræopods being much less widened, the fifth joint of the third peræopods less elongate, and the back of the animal less compressed. The type-specimen described and figured by Guérin was taken by M. Gaudichaud at the Falkland Isles. Bovallius, *Arctic and Antarctic Hyperids*, p. 568, says of this species, that "it is characterized by the carpal process of the second pair of pereopoda [*Second Gnathopods*] being provided with long