

with apical teeth of various lengths; the rami broad, lanceolate, with spines on both margins, which are pectinate; the outer ramus rather shorter than the inner.

*Telson* long and narrow, rapidly tapering, reaching much beyond the peduncles of the third uropods, cleft for about two-fifths of the length, the apices separate by a small triangular dehiscence for about one-third the length of the cleft, with the place of insertion for a spine or spinule a little above each apex on either side of it.

*Length*.—The specimen, in the position figured, measured, in a straight line from the rostrum to the dorsal apex of the third pleon-segment, three-tenths of an inch.

*Locality*.—Kerguelen, no depth specified. One specimen.

Station 150, Heard Island, February 2, 1874; lat.  $52^{\circ} 4' S.$ , long.  $71^{\circ} 22' E.$ ; depth, 150 fathoms; bottom, coarse gravel; bottom temperature,  $35^{\circ} \cdot 2$ . One specimen.

*Remarks*.—I cannot find any points of difference that would justify the separation of this southern species from the northern *Eusirus longipes*, Boeck, which Boeck identifies with *Eusirus helvetiæ*, Spence Bate, and *Eusirus bidens*, Heller. From *Eusirus cuspidatus*, Krøyer, it is distinguished among other things by the absence of the spine-teeth from the apex of the second joint of the maxilliped palp.

A specimen dredged at Station 3, lat.  $25^{\circ} 45' N.$ , long.  $20^{\circ} 14' W.$ ; depth, 1525 fathoms; bottom, hard ground; temperature of the water at the bottom,  $37^{\circ} \cdot 0$ , at the surface,  $65^{\circ} \cdot 0$ , has the first three segments of the pleon carinate, but the seventh of the peræon neither carinate nor dorsally toothed; the specimen measures three-fifths of an inch from the rostrum to the extremity of the uropods, not quite outstretched; the fifth joint of the lower antennæ is rather longer than the fourth, and is fringed with calceoli.

#### Genus *Eusiroides*, n. gen.

*First Maxillæ* with ten spines on the outer plate.

*The Gnathopods* with large hands attached in the ordinary manner, that is, by the base, not by the front margin, to the short cup-like wrists.

*The Peræopods* stout.

The other characters agreeing with the genus *Eusirus*.

Besides the three closely related species, respectively from three different localities, for which the genus has been instituted, it is probable that *Atylus monoculoides*, Haswell, and *Atylus lippus*, Haswell, both from Clark Island, Port Jackson, ought to be transferred to it.

The characters distinguishing this genus from *Eusirus* might, as a rule, be considered insufficient to warrant the introduction of a new generic name, but had the new species been included in the old genus *Eusirus*, the definition of that genus must have been deprived of one of its most salient points, the peculiarity of the attachment of the hand