

*Pleopods.*—The pair examined had many groups of long spines or setæ on the peduncles; the coupling spines small, bent, with an apical pair of retroverted teeth and a similar pair just below the apex; the cleft spines four in number; the joints numbering eleven on the inner, and thirteen on the outer, ramus.

*Uropods.*—The peduncles of the first pair longer than the rami, with a very large apical spine besides the small ones on the margins; the outer ramus shorter than the inner, with five spines on one margin, three that are more slender on the other, and an apical group of five; the inner ramus with six on one margin, four on the other, and the apical group; the peduncles of the second pair about as long as the inner ramus, armed with some very stout spines; the outer ramus a little shorter than the inner, with four very stout spines on one margin, three more slender on the other, and the apical group; the inner ramus with four spines on one margin, six on the other, and the apical group; the peduncles of the third pair a little longer than the rami, reaching beyond the peduncles of the preceding pairs; the outer ramus a little longer than the inner, with a stout spine on the outer margin, at the blunt apex two stout spines with accessory threads and three more slender which are distally feathered; the inner ramus with two spines on the outer margin, three on the inner, and one at the almost acute apex. In the figure *Pl.*, the inner ramus of the first pair on the left side, and the inner ramus of the second pair on both sides, have been accidentally left without mark of separation from the respective peduncles.

*The Telson* short, scarcely longer than broad, not reaching the end of the peduncles of the third uropods, the sides converging very slightly, the lower margin forming a broad shallow triangle, with a stout spine just within each outer corner, the apex tolerably sharp; there are some feathered cilia on the lateral margins.

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

*Locality.*—Station 142, off Cape Agulhas, December 18, 1873; lat. 35° 4' S., long. 18° 37' E.; depth, 150 fathoms; bottom, green sand; bottom temperature, 47°. One specimen.

*Remark.*—The specific name refers to the place of capture, just at the south of Africa.

*Gammaropsis atlantica*, n. sp. (Pl. CXIV.).

This species I was long inclined to identify with *Gammaropsis afra* from the south of Africa, but a minute comparison has induced me to establish it as a separate species.

*Rostrum* very small, lateral lobes narrow, acute, strongly produced; the postero-lateral angles of the first three pleon-segments rounded; the fourth and fifth carrying the