

*Aristeus armatus*, Spence Bate (Pls. XLV., XLVI.).

*Aristeus armatus*, Sp. B., Ann. and Mag. Nat. Hist., ser. 5, vol. viii. p. 188, 1881.

Rostrum as long as the carapace, slender, slightly curved upwards, armed with three sharp teeth at the base; dorsal surface smooth, without any carina, anterior margin armed with two antennal teeth, the orbital tooth suppressed. A short longitudinal rib defines the branchial region, which is covered by soft and flexible tissue. The pleon is dorsally armed with three sharp teeth, situated on the third, fourth, and fifth somites, and there is a low carina on the sixth.

Telson narrow, tapering, dorsally flattened and laterally compressed; fringed with hairs and bearing four small spines near the distal extremity.

The ophthalmopoda are club-shaped and rigid.

The first pair of antennæ carries a stylocerite that reaches to the extremity of the second joint, and the third joint carries a very short and flat flagellum, and a second long and slender, being quite as long as the whole animal.

The female corresponds very closely with the male, except in having a greater width between the posterior pereopoda, and in having the ventral plate broader and flatter.

*Habitat*.—Station 133, October 11, 1873; lat.  $35^{\circ} 41'$  S., long.  $20^{\circ} 55'$  W.; South Atlantic Ocean, near Tristan da Cunha; depth, 1900 fathoms; bottom, Globigerina ooze; bottom temperature,  $35^{\circ} \cdot 4$ . One specimen. Trawled.

Length (male), 150 mm. (6 in.), measured from the orbit to the extremity of the telson.

Station 184, August 29, 1874; lat.  $12^{\circ} 8'$  S., long.  $145^{\circ} 10'$  E.; near Torres Strait; depth, 1400 fathoms; bottom, Globigerina ooze; bottom temperature,  $36^{\circ}$ . One female and two males. Trawled.

Length—male, 200 mm. (8 in.); female, about 12 mm. shorter.

Station 213, February 8, 1875; lat.  $5^{\circ} 47'$  N., long.  $124^{\circ} 1'$  E.; near the Philippines; depth, 2050 fathoms; bottom, blue mud; bottom temperature,  $38^{\circ} \cdot 8$ . One specimen. Trawled.

Length (male), 70 mm. ( $2 \cdot 75$  in.).

Station 237, June 17, 1875; lat.  $34^{\circ} 37'$  N., long.  $140^{\circ} 32'$  E.; off Japan; depth, 1875 fathoms; bottom, blue mud; bottom temperature,  $35^{\circ} \cdot 3$ . One female. Trawled.

Station 246, July 2, 1875; lat.  $36^{\circ} 10'$  N., long.  $178^{\circ} 0'$  E.; Mid-Pacific; depth, 2050 fathoms; bottom, Globigerina ooze; bottom temperature,  $35^{\circ} \cdot 1$ . One specimen. Trawled.

Length (male), 177 mm. (7 in.).

Station 276, September 16, 1875; lat.  $13^{\circ} 28'$  S., long.  $149^{\circ} 30'$  W.; the Low Archipelago; depth, 2350 fathoms; bottom, red clay; bottom temperature,  $35^{\circ} \cdot 1$ . One specimen; female.