

apex of the hind margin; the hind margin not uniformly convex, but almost straight for a large space on either side of the centre; the apical part of the third joint not quite reaching the apex of the fourth; the fourth joint about as long as the fifth.

*Fifth Peræopods* nearly as in *Eupronoë pacifica*, but the first joint rather broader at the upper part, and the narrowly oval terminal joint smaller in proportion to the first.

*The Pleopods, Uropods, and Telson* differ little from those of *Eupronoë pacifica*, but the telson has a narrower apex.

*Length*, about one-fifth of an inch.

*Locality*.—Station 288, October 21, 1875; South Pacific; lat. 40° 3' S., long. 132° 58' W.; surface; surface temperature, 54°·5. Five specimens.

*Eupronoë intermedia*, n. sp. (Pl. CLXXXVIII.).

Viewed from above the head has a triangular outline, with an almost acute apex; the fourth segment of the pleon a little shorter than the following composite segment.

*Antennæ* nearly as in *Eupronoë inscripta*; in the upper antennæ the first joint of the flagellum, besides the great brush of filaments on the convex margin, has two broad filaments on the apex of the upper margin; the second has four near the middle, the third has two; the fourth joint is linear, nearly as long as the two preceding together.

*Upper Lip* a broad shallow dome.

*Mandibles*.—The trunk sinuous, forming an upward bent angle behind the palp and one downward bent in front of it; the cutting edge broad, with a prominent tooth at each extremity, the lower one the more acute, the intermediate margin straight, very minutely denticulate; the left mandible shows a similarly denticulate secondary plate, without prominent teeth at the extremities, and besides this near the middle of the straight hind margin of the secondary plate there is a small process like a short blunt tooth or spine; there is a similar and not larger process on the right mandible; the palp is placed on a short joint-like elevation, the first joint broader and longer than either of the others, not equal in length to the two together.

*First Maxillæ*.—There are four teeth on the inner margin near the apex of the plate.

*Second Maxillæ and Maxillipeds* as in *Eupronoë pacifica*.

*First Gnathopods*.—Side-plates with the advanced front corner rounded, not acute. The first joint strongly twisted, the neck very narrow, but the elbow as broad as the lower part of the joint; the third joint broader than the wrist, not more produced behind than in front, the hinder margin pectinate chiefly at the lower part; the wrist not longer than broad, distally narrower than near the base, the hind margin sharply