

ramus not very elongate, but having several setæ below the cleft spine; joints of the rami twelve or thirteen in number.

Uropods.—Peduncles of the first pair much shorter than the rami; the rami long, three-sided, strongly pectinate on two edges, the outer narrower than the inner but about equal to it in length, the apex of each acute, free from teeth; peduncles of the second pair a very little shorter than those of the first, much shorter than the rami; the rami thinly laminar, smooth, with rounded apices, reaching beyond those of the first pair; the peduncles of the third pair not longer than broad; the rami like those of the second pair, but the outer rather shorter than the inner, and the apices more broadly rounded.

Telson broad at the base, arched in outline, longer than broad, about two-thirds the length of the inner ramus of the third uropods, the acute apex not quite reaching the apices of the first uropods.

Length, about nine-twentieths of an inch.

Localities.—October 5, 1873, South Atlantic; lat. $29^{\circ} 1' S.$, long. $28^{\circ} 59' W.$; surface, night; surface temperature, $65^{\circ} \cdot 2$.

Station 230, April 5, 1875; North Pacific, south of Japan; lat. $26^{\circ} 29' N.$, long. $137^{\circ} 57' E.$; surface; surface temperature, $68^{\circ} \cdot 5$. Two specimens, the one examined a male.

Remarks.—The specific name refers to the markings of the pleon-segments. The specimen from the Pacific was nearly two-fifths of an inch in length, and differs from the Atlantic specimen very slightly, as in having the elbow more exaggerated in the first joint of the first gnathopods, and in having a still broader first joint to the fifth peræopods. Claus' *Eupronoë maculata* is from Zanzibar.

Eupronoë pacifica, n. sp.

The species bears a general resemblance to *Eupronoë minuta*, Claus. The first two segments of the peræon are dorsally coalesced, the side-plates of all the seven segments distinct. The postero-lateral angles of the first three pleon-segments are all more or less blunt, those of the third segment well rounded; the fourth segment about as long as the composite segment which follows it. On many parts of the animal hexagonal markings are conspicuous.

Upper Antennæ.—The three joints of the peduncle successively shorter; the first joint of the flagellum equal in length to the second and third of the peduncle, broad at the base, rapidly tapering, carrying two transverse bands of four filaments apiece, the second joint cylindrical, shorter than the first, with two filaments, the third joint filiform, much longer than the second.