

The first pair of pereopoda is long, slender and simple. The second terminates in an imperfect chela, the pollex being about half the length of the dactylos, but this inequality may be due to the imperfectly developed character of the specimen. The third and fourth pairs are slender, simple, and longer than the preceding, and like them carry a basal appendage of considerable length. The fifth pair is shorter than the preceding and does not carry an appendage, nor is the basal joint quite as important as in the four preceding pairs, which are remarkable for their length and robust appearance.

The pleopoda are biramose. The first pair has the branches unequal, the inner being small and rudimentary. The succeeding pairs have the branches subequal, the inner carrying a single stylamblys. The sixth pair has the rami subequal, and about the same length as the telson; the outer plate is armed with a feeble tooth at the outer distal angle, and the inner and outer margins as well as the rounded extremity are fringed with slender ciliated hairs.

The hairs everywhere on the animal appear to be ciliated, on the legs as well as on the other parts.

*Observations.*—There were two specimens taken off the Fiji Islands that correspond much with the one described, and which I consider to belong to the same species. The chief distinctions between them exist in the length of the ophthalmopoda, their projection upon long and slender stalks, and the greater length of the scaphocerite as compared with the rostrum, which nearly corresponds in length with that in the specimen from Japan, but differs in having three minute teeth on the upper margin. These however are visible only in a lateral view and with increased magnifying power.

In the Fiji specimens the hairs on the legs instead of being ciliated are smooth.

The second pair of pereopoda in both specimens has the chela broken off, and the pleon has the third somite armed with a stronger tooth than in the Japanese specimen.

#### *Diaphoropus*,<sup>1</sup> n. gen.

Animal slender. Carapace not more than one-third the length of the animal, anteriorly produced to a horizontal rostrum.

Pleon smooth; somites subequal.

Telson tapering, slender.

Ophthalmopoda robust.

First pair of antennæ biflagellate.

Second pair furnished with a foliaceous scaphocerite; flagellum long and slender (?).

Mandible without a synnhipod.

First pair of pereopoda slender and terminating in a straight styloform dactylos. Second pair robust, chelate. Third and fourth pairs short, simple, and terminating in a

<sup>1</sup> *διάφορος*, different; *πούς*, foot.