

Plesionika brevirostris, n. sp. (Pl. CXIII. fig. 5).

Rostrum a little shorter than the dorsal length of the carapace; free from spines on lower margin and on the upper anterior to the crest, which consists of six teeth. The rest of the carapace and pleon is smooth.

First pair of antennæ having the flagella as long as the animal.

Second pair having the flagellum a little longer than those of the first; scaphocerite subequal with the rostrum.

Second pair of gnathopoda reaching a little beyond the distal extremity of the rostrum.

Pereiopoda long and slender; first pair a little longer than the second pair of gnathopoda, but more slender. Second pair of pereiopoda a little shorter than the first and more robust; the carpos long and multiarticulate. Third, fourth, and fifth pairs increasing in length posteriorly, the last reaching beyond the extremity of the rostrum to a distance equal to the length of the carapace.

Telson dorsally depressed in the median line, shorter than the lateral plates of the rhipidura.

Length, entire,	97 mm. (3·8 in.).
„ of carapace,	26 „
„ of rostrum,	23 „
„ of pleon,	71 „
„ third somite of pleon,	13 „
„ sixth somite of pleon,	14 „
„ telson,	16 „

Habitat.—Station 200, October 23, 1874; lat. 6° 47' N., long. 122° 28' E.; between the Philippine Islands and Borneo; depth, 250 fathoms; bottom, green mud. One specimen, female. Trawled.

Observations.—The specimen was laden with numerous ova, of which I approximately counted 6000; it was trawled with considerable numbers of *Plesionika semilævis*, with which it appears to closely correspond in general aspect and in all parts, excepting in the shortness of the rostrum and the absence of teeth from the lower margin. It is not improbable that it is only an extreme variation in form of the latter species due to some accidental cause, and illustrating the early stage of a specific variation.

Nothocaris,¹ n. gen.

Carapace smooth; dorsally crested over the gastric region and produced to a long rostrum; armed on the crest with rigid teeth and movable spines; frontal margin having an antennal and fronto-lateral tooth.

¹ νόθος, illegitimate; κρις, shrimp.