

The specimen under examination had been evidently approaching a period of moulting. Having been stained, the subjacent new tissue shows the new dorsal tooth of the sixth somite ready to take the place of the previous one, but shorter and less important, while that on the fifth is still less so, and that of the fourth appears to be wanting.

It closely resembles *Sergestes longirostris* (Pl. LXXV. fig. 3), which was taken off Samboangan, from which, however, it differs in the presence of the two very long dorso-lateral teeth.

*Sergestes cornutus*, Kröyer.

*Sergestes cornutus*, Kröyer, Monograph. Fremstilling af Kræb. Sergestes, pp. 33, 61, Tab. ii. fig. 2, a-l.

“Rostrum very prominent and acute, equal to or exceeding half the length of the ophthalmopod.

“Ophthalmopoda pyriform, much shorter than the first joint of the peduncle of the first pair of antennæ, having the ophthalmus not distinct from the pedicle and broader than long; the breadth being rather more than one-third of the length of the ophthalmopod, but the length not half that of the ophthalmopod.

“First pair of antennæ has the peduncle very slender and about one-seventh shorter than the carapace; third joint longer than the clavate first joint, and much longer than the second.

“Second pair of antennæ having the last joint of the peduncle linear, and nearly half the length of the scaphocerite.

“Sixth somite of the pleon nearly one-sixth of the length of the animal, but shorter than the fourth and fifth somites combined, or the first and second, very little longer than the telson, but twice as long as broad.

“Pleopoda having the branches long and slender, but the basal joint of the fifth pair only twice longer than broad.

“Rhipidura having the outer ramus armed with a tooth one-third distant from the terminal apex.

“*Habitat.*—Greenland” (Kröyer.)

I have not been able to determine any form that wholly corresponds with this species, but that which I have named *Sergestes nasidentatus* differs from it in the length of the ophthalmopoda, which are about four times the length of the rostrum, or subequal to the first joint of the peduncle of the first pair of antennæ. It was taken off the southern coast of South America, near the island of Juan Fernandez.