

the sixth somite, which is nearly as long as the three preceding somites combined. The infero-lateral distal angle of each is rounded.¹

Telson short, about one-third the length of the last somite.

The ophthalmopod is about three-fourths the length of the carapace; the ophthalmus much larger than the diameter of the stalk.

First pair of antennæ with the peduncle longer than the ophthalmopod; first joint largely developed at the base to receive the otocyst; the second and third joints nearly as long as the first.

The second pair of antennæ carries a scaphocerite that is longer than the peduncle of the first pair, narrow, with parallel margins, and armed on the outer or smooth margin with a long tooth, somewhat distant from the apex.

The first pair of gnathopoda is the only one preserved of the long appendages of the pereion.

The pleopoda are long and slender, and the terminal or sixth pair is armed on the outer margin with a tooth that is nearly a third distant from the basal joint.

Length, 5 mm. (0.2 in.).

Habitat.—Pacific Ocean, lat. 24° S., long. 148° W.

Observations.—This specimen bears a close resemblance to the Challenger specimen of *Sergestes rinkii*, which was also taken in the Pacific, but it differs in having the telson shorter, the tooth on the outer margin of the rhipidura nearer the base, and in having a strong tooth on the frontal margin of the carapace. It also differs from Kröyer's figure of *Sergestes rinkii* in having a longer rostrum, and in the form of the scaphocerite; in both these points it corresponds more with our figure of *Sergestes rinkii* than with Kröyer's. It differs from *Sergestes penerinkii* in having a frontal tooth at the outer canthus of the orbital notch, in not having any tooth or protuberance on the ventral median line of the somites of the pleon; and in the shorter telson.

Sergestes tenuiremis, Kröyer.

Sergestes tenuiremis, Kröyer, Monograph. Fremstilling af Kræb. Sergestes, pp. 39, 62, Tab. iv. fig. 11, a-b.

“Rostrum upright, rudimentary.

“Ophthalmopoda clavate, rather longer than the first joint of the peduncle of the first pair of antennæ, or at least equal to it; the pedicle slender, elongated, distinct from the ophthalmus, and more than twice as long. Ophthalmus nearly four times as broad as long, one-third the length of the pedicle, and in diameter scarcely less than a third.

“First pair of antennæ with the peduncle only a little longer than half the length of

¹ I have unfortunately drawn an extra somite to the pleon; there are only two smooth somites instead of three; the second should have been omitted.