

only feature that makes me hesitate to pronounce it to be a younger form of the latter species, which it may be and probably is, only just escaping from the Mastigopus stage; the second and third pairs of pereopoda are just assuming their chelate condition. The animal from which our figure is taken is scarcely a mature one.

*Sergestes edwardsii*, Kröyer (Pl. LXXIII. fig. 2).

*Sergestes edwardsii*, Kröyer, Monograph. Fremstilling af Kræb. *Sergestes*, pp. 30, 61, Tab. iv. fig. 9 a-k.

“Rostrum rudimentary, directed obliquely upwards.

“Ophthalmopoda slender, shorter than the first joint of the peduncle of the first pair of antennæ. Ophthalmi not distinct from the pedicle, nearly as long as broad, and nearly one-third of the length of the ophthalmopod.

“First pair of antennæ having the peduncle about one-fifth shorter than the carapace: the third joint is rather shorter than the first and longer than the second.

“The second pair of antennæ has the terminal joint of the peduncle short, broad, subovate, and in length nearly equal to one-third of the scaphocerite.

“Sixth somite of the pleon about one-sixth of the length of the animal, or as long as the fourth and fifth somites together, or as the first and second united; about twice as long as broad, and scarcely one-third longer than the telson; inferior margin subangular.

“Pleopoda robust.

“Rhipidura having the outer ramus destitute of a tooth.”

*Habitat*.—North Atlantic, April 1873.

Pacific Ocean, surface, September 1875;

Cape Verde Islands, April 26, 1876.

Greenland (Kröyer).

Length, 9 mm. (0.33 in.).

Rostrum small, pointed, slightly elevated anteriorly. Carapace less than one-third of the length of the animal.

Pleon having the dorsal surface smooth. The first five somites subequal; the sixth about equal to the two preceding.

Telson about as long as the rhipidura.

Ophthalmopoda short, gradually increasing from the base, and not reaching beyond the extremity of the first joint of the first pair of antennæ.

First pair of antennæ about two-thirds the length of the animal; the first joint a little longer than the ophthalmopod, the second shorter than the first, and the third a little longer than the first; the flagellum is about twice the length of the peduncle,