

The antennal scale (see fig. 9) does not quite reach to the end of the second joint of the antennular peduncle, and would seem to be a trifle broader than in the last species.

The first pair of legs (see fig. 8) are comparatively shorter than in any of the preceding species, but in other respects resemble those in *Nematoscelis tenella*. The terminal joint expands gradually toward the apex, which is abruptly truncate, and provided with five spines, one of which projects appreciably beyond the rest.

The gills exhibit much the same simple appearance as in the last species.

The caudal fan, likewise, would not seem to exhibit any essential difference in its structure from that in *Nematoscelis tenella*.

Habitat.—Several specimens of this form were collected during the Expedition, but the greater part are more or less defective. All were taken in the tow-net. The localities are the following :—

Date.	Locality.
August 27, 1873.	Tropical Atlantic, off St. Paul's Rocks.
August to September 1875.	Pacific.
February 1875.	Pacific, north of New Guinea.
March 3, 1876.	South Atlantic.
March 31, 1876.	South Atlantic.
April 6, 1876.	Tropical Atlantic.
April 9, 1876.	Tropical Atlantic.
April 13, 1876.	Tropical Atlantic, off the coast of Africa.
May 3, 1876.	North Atlantic.
May 12, 1876.	North Atlantic.

As regards distribution, it would appear from the above given localities, that the species is met with throughout the whole of the Atlantic, occurring also in the Pacific.

Genus 7. *Stylocheiron*, G. O. Sars, 1883.

Stylocheiron, G. O. Sars, Preliminary Notices on the Challenger Schizopoda.

Generic Characters.—Form of body somewhat varying in the different species. Eyes more or less irregularly formed. Flagella of the two pairs of antennæ very slender, with few and elongate articulations. Mandibles without palp. First pair of maxillæ wanting exognath; second pair small, with indistinctly defined masticatory lobes, fringed with but a single row of slender setæ. Maxillipeds feeble in structure, with greatly developed exopodite, but wanting epipodite. Legs rather dissimilar; first pair of same appearance as maxillipeds; second pair greatly produced, geniculate, meral and carpal joints very elongate and slender, naked, propodal joint somewhat swollen, and armed with strong spiniform bristles impinging against the curved spines arising from terminal joint, the