

two forming together a kind of grasping organ. Succeeding legs much smaller and rapidly diminishing in length, the two anterior pairs with proximal part much compressed, laminar; antepenultimate pair with endopod bi-articulate; last pair quite rudimentary, forming each merely a small setiferous lamella. Gills rather simple in structure, last pair largest. Ovisac single. Only three luminous globules present, one ventral belonging to the first caudal segment, and two lateral at the bases of the penultimate pair of legs, the latter in the male very fully developed and supplied with an additional lens.

Remarks.—This is a very distinct genus, and characterised most prominently by the strong and peculiar development of the second pair of legs, which are modified so as to form grasping organs. Moreover, it differs in several other respects, as will be seen from the above diagnosis, not a little from other Euphausiidæ, though exhibiting perhaps a certain affinity to the genus *Nematoscelis*.

Five different species of this remarkable genus are represented in the Challenger collection. All of these are comparatively very small, but undoubtedly cannot be regarded as larval stages, since in one of the species at least, both ovigerous females and adult males have been observed. This genus I had previously met with, having observed one of its species in the Mediterranean, at Messina, in the year 1876.

The following is a synopsis of the species:—

Carapace	{	distinctly carinate above, with a conspicuous rounded crest anterior to the middle. Rostrum very narrow, acute. Eyes large, with cornea narrowed in upper part,			<i>S. carinatum</i> , G. O. Sars.			
			but slightly keeled above in anterior part. Eyes	{	rather large, compressed, with cornea narrow, oblong. Last caudal segment	{	comparatively small, with cornea very much narrowed in upper part. Rostrum acute,	<i>S. suhmii</i> , G. O. Sars.
							not longer than preceding. Rostrum acutely produced,	<i>S. longicorne</i> , G. O. Sars.
							exceedingly elongate and slender. Rostrum very short,	<i>S. elongatum</i> , G. O. Sars.
							remarkably short, with rather produced rostrum. Eyes exceedingly large and thick. Outer part of second pair of legs forming a complete chela,	

37. *Stylocheiron carinatum*, G. O. Sars (Pl. XXVI.).

Stylocheiron carinatum, G. O. Sars, Preliminary Notices on the Challenger Schizopoda, No. 35.

Specific Characters.—Form of body rather thickset in male, somewhat more slender in female. Carapace short in proportion to height, distinctly carinated above, and forming an elevated crest behind base of rostrum; the latter very narrow and acutely produced. Last caudal segment longer than preceding. Eyes large, irregularly