

or less elongate, with the three outer joints very slender; second pair considerably shorter and rapidly tapering toward the apex; third and fourth pairs in female without basal appendages. Pleopoda of male distinctly biramose, outer branch biarticulate, inner uniaarticulate. Third and fourth caudal segments in male with four strong ciliated setæ in place of pleopoda. Telson rather large, with the terminal part more or less produced and in the male forming a distinct angle with the basal part. Uropoda slender, with the scape elongate, branches comparatively short.

Remarks.—This genus is chiefly distinguished from the genus *Leptostylis* by the antennulæ being far less dissimilar in the two sexes, by the much fuller development of the male antennæ, and by the third and fourth pairs of legs in the female wanting the basal appendage (rudimentary exopodite) present in the former genus; finally, by the somewhat different form of the caudal appendages. The genus is very abundantly represented, especially in the Northern Ocean, no less than twenty-seven distinct species having been hitherto recorded. The Challenger collection contains four species, one of which has been formerly described, whereas the three others are now added, increasing the number of species to thirty-one. The four Challenger species may be easily known by the armature of the carapace and the form of the telson, as follows:—

Carapace	{ spinous; the spines	{ subequal,	{ very minute. Telson with terminal part much longer than basal, and densely denticulate at the edges,	<i>Diastylis stygia</i> , G. O. Sars.
			{ rather strong. Telson with outer part much shorter than basal, and without lateral denticles,	<i>Diastylis erinaceus</i> , n. sp.
		{	unequal; some much larger than the others. Telson comparatively short, with terminal and basal part about equal in length,	<i>Diastylis horrida</i> , n. sp.
			finely scabrous, with a serrate crest on each side running obliquely backwards from tip of pseudorostral projection. Telson with terminal part shorter than basal and armed with but one pair of lateral denticles,	<i>Diastylis mystacina</i> , n. sp.

9. *Diastylis stygia*, G. O. Sars (Pls. VI., VII., VIII.).

Diastylis stygia, G. O. Sars, Om Cumaceer fra de store Dybder i Nordishavet, K. Svensk. Vetensk. Akad. Handl., vol. xi. p. 6, pl. ii. figs. 4-7.

Specific Characters.—Carapace about twice as long as the exposed part of trunk, moderately tumid and armed (in female) with numerous small subequal spinules, more crowded in the anterior part; pseudorostral projection conical, scarcely longer than frontal lobe; inferior edges of carapace denticulate in the anterior part only. No eye. Anterior margin of the three first exposed segments of trunk finely denticulate. Tail in both sexes