

Genus 8. *Euchætomera*, G. O. Sars, 1883.*Euchætomera*, G. O. Sars, Preliminary Notices on the Challenger Schizopoda.

Generic Characters.—Carapace not fully covering trunk, emarginate posteriorly; frontal margin slightly projecting in the middle. Eyes somewhat irregular in form, cornea contracted in the middle. Antennular peduncle of moderate size; male appendage normally developed. Antennal scale with outer edge naked and terminating in a dentiform projection, apex obliquely truncate, with inner corner projecting. Legs very slender, increasing in length posteriorly, and provided with unusually strong plumose setæ, propodal joint subdivided into three distinctly defined and mobile articulations, terminal joint unguiform, exopods with terminal part very elongate and flexible. Caudal limbs in female simple but rather large, laterally extended and fringed with remarkably strong setæ; those of male all natatory. Telson remarkably short, lamelliform, rounded, apex entire and provided with two long ciliated setæ. Uropoda with elongate and narrow plates, fringed all round with long setæ, inner plate much shorter than outer, and with auditory apparatus well developed.

Remarks.—The present new genus is chiefly characterised by the unusually short, lamelliform telson, agreeing somewhat in form with that of the genus *Erythrops*, G. O. Sars; also by the slender legs and the very strong development of the setæ on the several limbs. The species of this genus would seem to lead a pelagic existence as is the case with those of the preceding genus, met with, as they are, at the surface of the sea far from the coasts. Two species are represented in the collection, easily distinguished by the armature of the telson, as follows:—

Telson	{	with lateral edges denticulate,	<i>E. typica</i> , G. O. Sars.
		without lateral denticles,	<i>E. tenuis</i> , G. O. Sars.

55. *Euchætomera typica*, G. O. Sars (Pl. XXXVII. figs. 1–20).*Euchætomera typica*, G. O. Sars, Preliminary Notices on the Challenger Schizopoda, No. 52.

Specific Characters.—Form of body rather robust. Carapace broadly emarginate posteriorly, exposing almost wholly the two last segments of the trunk; frontal projection acutely pointed. Last caudal segment comparatively short. Eyes of moderate size, pyriform, projecting on either side, and separated at the base by a distinct interval. Antennal scale oblong, somewhat curved, about four times as long as broad, spine of outer corner remarkably strong. Telson fully as broad as long, with five strong lateral denticles on either side. Length, 14 mm.

Remarks.—The examination of this and the following form, as regards external appearance, has been somewhat difficult, from the specimens being mounted on glass