

Second pair of antennæ carrying a long scaphocerite ; flagellum slender and subequal with the length of the animal.

Pereiopoda pediform, slender, simple ; the third, fourth, and probably the fifth pairs are long and remiform, each carrying a long basephysis. The fifth pair in all the specimens has been broken at the basal joint, which is remarkable for its very large diameter.

The pleopoda biramosc.

*Observations.*—The first three pairs of appendages in this genus, the eyes, and two pairs of antennæ, are attached to a portion of the cephalon projected in front of the carapace, which still retains the embryonic ocellus.

*Geographical Distribution.*—Of the species of this genus one was taken in the Pacific, south of Japan, and three near the Cape Verde Islands in the Atlantic.

*Eretmocarid remipes*, n. sp. (Pl. CXLV. fig. 1).

Carapace anteriorly produced to a slender rostrum that is about half the length of the carapace, and armed with two teeth on the rostrum, the anterior being the smaller, and with one on the gastric region. Orbit not well defined, but a small tooth corresponds with the first antennal tooth, and a supraorbital tooth stands just above it ; the fronto-lateral angle defined by a strong tooth, thence the lateral margin is smooth.

First pair of gnathopoda short and robust, terminating in an obtuse extremity, and carrying a long basephysis.

Second pair of gnathopoda long, slender, and six-jointed, as are all the pereiopoda, each of which carries a long and slender basephysis ; the third and fourth pairs have the propodos enlarged and flattened near the middle and narrowing towards each extremity, and the dactylos is long and styliform ; the fifth pair has the coxa and basis extremely large and robust ; the rest of the appendage is lost.

Pleopoda, excepting the first pair, biramosc, the posterior pair longer than the telson.

			Suhm's measurements.
Length, entire, . . . . .	12	mm. (0·4 in.).	12·5 mm.
„ of carapace, . . . . .	3	„	3 „
„ of pereion, . . . . .	...		4·5 „
„ of rostrum, . . . . .	1	„	1·5 „
„ of ophthalmopoda, . . . . .	3	„	3 „
„ of first antenna, . . . . .	9	„	...
„ of scaphocerite, . . . . .	4	„	...
„ of pleon, . . . . .	9	„	8 „
„ of third somite of pleon, . . . . .	1·5	„	...
„ of sixth somite of pleon, . . . . .	2	„	...
„ of telson, . . . . .	2·3	„	...