

First pair of antennæ biflagellate, short.

Second pair having a long, slender flagellum, and a scaphocerite that reaches beyond the peduncle of the first pair.

Oral appendages as in *Crangon*.

Second pair of gnathopoda four-jointed, the ultimate joint but slightly longer than the penultimate and terminating in an obtuse point.

First pair of pereopoda robust, long and subchelate, like those of *Crangon*, which it much resembles. Second pair of pereopoda short, feeble and simple, terminating in a small obtuse and rudimentary dactylos. Third pair long, slender and styliform; on the ventral surface of the pereion between this pair of appendages there stands a long, slender, spine-like tooth. Posterior two pairs of pereopoda robust, subequal and simple.

The branchiæ consist of seven pairs arranged as in the genus *Pontophilus*, namely, six pleurobranchiæ and one podobranchia, disposed as shown in the following table:—

Pleurobranchiæ, . . . . .	...	1	1	1	1	1	1	1	1
Arthrobranchiæ, . . . . .	...	...	...	...	...	...	...	...	...
Podobranchiæ, . . . . .	1	...	...	...	...	...	...	...	...
Mastigobranchiæ, . . . . .	1	r	...	...	...	...	...	...	...
		h	i	k	l	m	n	o	

*Development.*—The brephalos appears to be further advanced than the Zœa stage. I only know it as an advanced embryo extracted from the ovum, but even then it has the carapace largely developed, the pleon well formed, the ophthalmopoda large and orbicular, the antennæ assuming their distinguishing character, and the pleopoda in a budding condition. The whole form is suggestive of the genus *Nebalia*.

*Geographical Distribution.*—This genus was first described by Professor Owen from specimens taken in the Arctic regions. It has since been taken in the Atlantic, off the western coast of America, as far south as 40° of north latitude, and Stimpson records it from the Siberian Seas.

*Sabinea septemcarinata* (Sabine) (Pl. LXXXIX. fig. 2; Pl. XC. fig. 1).

*Crangon septemcarinata*, Sabine, Suppl. to Parry's First Voyage for the Discovery of a North-West Passage, p. ccxxxvi, pl. ii. figs. 11-13, 1824.

„ „ Ross, Appendix to Parry's Polar Voyage, p. 203, 1824.

*Sabinea septemcarinata*, Owen, Appendix to Ross's Narrative of a Second Voyage in Search of a North-West Passage, p. lxxxii, 1835.

*Crangon septemcarinatus*, Milne-Edwards, Hist. Nat. Crust., vol. ii. p. 343, 1837.

*Sabinea septemcarinata*, Sars, Forhandl. Vidensk. Selsk. Christ., 1858, p. 125, 1859.

„ „ Stimpson, Proc. Acad. Nat. Sci. Philad., p. 94, 1860.

„ „ Sidney Smith, Trans. Connect. Acad., vol. v. pt. 1, p. 57, pl. xi. fig. 5.

„ *sarsi*, Sidney Smith, loc. cit., p. 59, pl. xi. fig. 6.