

It has been recorded from the south and west coasts of England, the coasts of France and Portugal, throughout the Mediterranean, and from the Canary Islands. It is also found fossil in the Coralline Crag and in the Tertiary formations of Italy and Sicily.

Cytherea (Callista) rutila, Sowerby.

Cytherea rutila, Sowerby, Thes. Conch., vol. ii. p. 743, pl. clxiii. fig. 205.

Dione rutila, Reeve, Conch. Icon., fig. 18.

Dione rutila, Deshayes, Cat. Conchif. Brit. Mus., p. 58.

Habitat.—Station 162, off East Moncœur Island, Bass Strait, at a depth of 38 to 40 fathoms; sand and shells.

The following are the measurements in millimetres of three specimens in the Cumingian collection and the single valve (the smallest) from the above locality.

Length.	Height.	Diameter.
53	42	29
36	31	21
23	17	10
18 $\frac{2}{3}$	13 $\frac{1}{2}$	8

In many respects *Cytherea rutila* resembles *Cytherea diemenensis*, and, indeed, at one time I was inclined to consider them forms of one and the same species, which may yet be shown to be the case. The former, judging from the three large specimens and a fourth in the young state in the Cumingian collection, is not so long as the latter species, smoother, has large blotches on the hinder dorsal slope, and a slightly more elongate lunule, and appears to attain a larger size. The brown rays are frequently interrupted or partially concealed by broad and narrow concentric pale zones. Another distinction is the absence of the purple ray which occurs in *Cytherea diemenensis*. The two young odd valves from Station 162, off East Moncœur Island, and a small specimen in the Cumingian collection, are rather more elongate than the typical form.

Cytherea (Callista) lilacina, Lamarck.

Cytherea lilacina, Lamarck, Anim. sans vert., ed. 2, vol. vi. p. 303, No. 15.

Cytherea lilacina, Hanley, Rec. Shells, p. 98, pl. xv. fig. 12.

Cytherea lilacina, Sowerby, Thes. Conch., vol. ii. pl. cxxx. fig. 74.

Dione lilacina, Reeve, Conch. Icon., vol. xiv. fig. 5.

Cytherea (Callista) lilacina, Römer, Monogr. Venus, vol. i. p. 61, pl. xviii. figs. 2-2b.

Cytherea pectoralis, † Lamarck, loc. cit., p. 304.

Cytherea pectoralis, Sowerby, loc. cit., pl. cxxx. fig. 75.

Dione grata, Deshayes, Cat. Conchif. Brit. Mus., p. 62.

Dione grata, Reeve, loc. cit., fig. 14, a, b.

Cytherea (Callista) grata, Römer, loc. cit., p. 64, pl. xix. fig. 5.

Habitat.—Station 212, south of the Philippine Islands, in 10 to 20 fathoms; sand.