

Eucharis Esch. 1825.

E. Tiedemanni Esch. — *Northern Pacific. East of Japan* (Eschscholtz).

The genus *Eucharis* should be limited to the species first described in the *Isis* in 1825.

Eucharis multicornis Esch., founded upon *Beroë multicornis* Q. and G., is a genuine *Chiaja*, as far as the mutilated condition of the species allows an identification. At least, there is no other Mediterranean genus to which it may be referred.

Judging from Reynaud's figure, *Eucharis novemcostata* Less., founded upon *Beroë costata* Reyn., from the *Indian Ocean, off Ceylon*, is the type of a distinct genus, which may be called *ECHABINA*, and the species *E. costata*.

Chiaja Less. 1843.

Ch. papillosa M.-Edw. — *Aleinoë papillosa Delle Chiaje*. — *Chiaja neapolitana* Less. — *Bay of Naples* (Delle Chiaje).

Ch. multicornis M.-Edw. — *Eucharis multicornis* Will. — *Beroë multicornis* Q. and G.? — *Adriatic: Trieste* (Will); *Mediterranean* (Quoy and Gaimard).

Ch. palermitana M.-Edw. — *Palermo* (Milne-Edwards).

Considering the extensive geographical range of most *Aclephs*, it seems hardly probable that there should exist three species of *Chiaja* in the Mediterranean. I cannot agree with Milne-Edwards, when he considers the genus *Chiaja* as identical with *Leucothea* Mert. The tentacular apparatus is very different in the two: at least, it is so described and figured by Mertens, Will, and Milne-Edwards as to lead to the impression that there exists a generic difference in the structure of the tentacles of *Leucothea* and *Chiaja*.

Leucothea Mert. 1833. — *Leucothoeæ* Less. — *Leucothoea* Less.

L. formosa Mert. — *Azores* (Mertens).

4th Family. CALYMMIDÆ Gegenb.¹ (restricted). — *Mnemiidæ* Esch. — *Calymnæ* Less.

Calymma Esch. 1825.

C. Trevirani Esch. — *Pacific Ocean, near the Equator* (Eschscholtz).

C. Mertensii Less. — *Calymma Trevirani* Mert. — *Atlantic Ocean, off the coast of Africa, near the Equator* (Mertens). — The separation of this species is founded upon its occurrence in the Atlantic.

¹ Gegenbaur writes it CALYMNIDÆ; but it should be CALYMMIDÆ.