

*Bucephalon* Less. 1843.

B. *Reynaudi* Less. — *Callianira Bucephalon Reyn.* — *Off Ceylon* (Reynaud).

*Axiotima* Esch. 1829. — *Axia* Esch. 1825.

A. *Gædei* Esch. — *Pacific Ocean, near the Equator* (Eschscholtz).

Whether this genus belongs to this family, or not, is a matter of doubt. Eschscholtz's description and figure are evidently drawn from an imperfect specimen.

5th Family. *Ocyroe* Less. 1843.

*Ocyroe* Rang 1829.

O. *crystallina* Rang. — *Atlantic Ocean, under the Equator, Long. 32° W. of Greenwich* (Rang).

O. *fusca* Rang. — *Atlantic Ocean, off Cape Verd Islands* (Rang).

O. *maculata* Rang. — *Among the Antilles* (Rang).

2d Sub-order. *TENIATE* Ag. 1860. — *Cestoideæ* Less. — *Cestidæ* Gegenb.

1st Family. *CESTOIDEÆ* Less. 1843. — *Cestidæ* Gegenb. 1856.

These family names are objectionable on account of their tautonomy with the Cestoid Worms.

*Cestum* LeSueur 1813. — *Sicyosoma* Gegenb. 1856?

C. *Veneris* LeS. — C. *Rissoanum* Less. — C. *breve* Gräffe. — C. *Meyeri* Gräffe. — *Sicyosoma rutilum* Gegenb. (young?) — *Mediterranean: Nizza* (LeSueur and Risso); *Naples* (Delle Chiaje); *Messina* (Kölliker and Gegenbaur).

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

C. *Amphitrites* Merl. — *Pacific Ocean, under and near the Equator, Long. 127° and 280° W. of Greenwich* (Mertens).

C. *Mertensii* Ag. — Mentioned without name by Mertens. — *Atlantic* (Mertens).

*Lemniscus* Q. and G. 1822.

L. *marginatus* Q. and G. — *Off Timor* (Quoy and Gaimard); *off New Guinea* (Lesson).

The genus *Lemniscus* was characterized from fragments unquestionably belonging to the family of *Cestoideæ*; but its generic difference from *Cestum* remains doubtful. It should be remembered, however, that Eschscholtz has already pointed out differences between *C. Najadis* and *C. Veneris* which seem rather generic than specific, and that therefore *Lemniscus* also may be a distinct genus, even though the facts observed may not, for the present, justify its adoption. But whether the