

## SECTION IV.

## TABULAR VIEW OF THE CTENOPHORE KNOWN AT PRESENT.

In order not to occupy too much room with the following table, I introduce only the names and authority of the species and their principal synonymes, as the references may be found in Eschscholtz or Lesson, and only add such critical remarks as are indispensable to settle questionable statements. I have also carefully revised the indications of all authors respecting the localities in which the species occur.

Order of CTENOPHORÆ *Esch.*: *Beroes Goldf.* 1820.—*Vibrantes Cham.* and *Eysenh.* 1821.—*Beroidæ Esch.* 1825.—*Ciliata Latr.* 1825.—*Ctenophoræ Esch.* 1829.—*Iriptères Rang* 1829.—*Ciliobranches* and *Ciliogrades DeBlainv.* 1830.

1st Sub-order. LOBATE *Esch.* 1825.—*Mnemiidæ Esch.* 1829.

1st Family. EURAMPHLEIDÆ *Ag.* 1860, p. 199.

*Euramphæa Gegenb.* 1856.—*Mnemia Sars* 1857.

*E. vexilligera Gegenb.*—*Mnemia elegans Sars.*—*Mediterranean: Messina* (Gegenbaur and Sars).

*Hapalia Esch.* 1825: *Callianira Cham.* 1821.—*Mnemia Esch.* 1829.—*Eucharis DeBlainv.* 1830.—*Polyptera Less.* 1843.

The validity of this genus is questionable, since it is founded upon an imperfect specimen.

II. *heteroptera Esch.*—*Callianira heteroptera Cham.*—*Mnemia Chamissonis Esch.*—*Eucharis heteroptera DeBlainv.*—*Polyptera Chamissonis Less.*—*Cape of Good Hope, Table Bay* (Chamisso).

2d Family. BOLINIDÆ *Ag.* 1860, p. 200.

*Bolina Mert.* 1833.—*Mnemia Sars* 1835.—*Alcinœ Less.* 1843.—*Anais Less.* 1843.

*B. septentrionalis Mert.*—*Off' Matthæi Island, Behring Strait* (Mertens); *Gulf of Georgia* (A. Agassiz).

*B. norvegica Ag.*—*Mnemia norvegica Sars.*—*Alcinœ norvegica Less.*—*Bolina hibernica Pall.*—*Alcinœ rotunda Forb.* and *Goulds.*—*Beroe bilobata Dalyell.*—*Cydippe quadricostata Sars,* the young? (*Anais quadricostata Less.*)—*Coast of Bergen, Norway* (Sars); *eastern and southern coast of Ireland* (Patterson).

*B. alata Ag.*—*Coast of New England and northward to the Bay of Fundy* (Agassiz).

*B. vitrea Ag.*—*Reef of Florida* (Agassiz).