

Cassiopea Pér. and LeS.—*Polycladodes* Br.

C. Andromeda Esch.—*Cassiopea Andromeda* Tilesius, in Act. Nov. Ac. Nat. Cur., Vol. XV. Pls. 69 and 70; copied by Milne-Edwards in Cuvier's Règne animal, pl. 51, f. 1.—*Medusa Andromeda* Forsk.—*Cassiopea Forskålea* Pér. and LeS.—*Red Sea* (Forskål and Ehrenberg); *Maurilius* (Péron and LeSueur); *Sumatra* (Tilesius). It would be very important to compare anew specimens from these different localities.

Crossostoma Ag. See p. 154.

C. frondosa Ag.—*Cassiopea frondosa* Tiles., Act. Nov. Nat. Cur., Vol. XV. Pl. 72.—Not *Cassiopea frondosa* Lmk., which is a *Polyclonia*!—*Macao and Canton* (Tilesius); *Radack Islands* (Chamisso).

Stomaster Agass. See p. 154.

S. canariensis Ag.—*Cassiopea canariensis* Tiles., Act. Nov. Nat. Cur., Vol. XV. Pl. 73.—*Atlantic Ocean: Canary Islands* (Tilesius).

Holigoeladodes Br.

H. lunulatus Ag.—*Urtica marina octopedalis* Borlase, Nat. Hist. Cornw., p. 258, Pl. 25, figs. 16 and 17.—*Medusa lunulata* Penn.—*Cassiopea* Borlase Pér. and LeS.—*Cassiopea lunulata* Flem., Esch.—*Cassiopea rhizostomoidea* Tiles., Nov. Act. xv. text, p. 273.—*Cassiopea anglica* Tiles., Ib. pl. 71.—*British Channel* (Borlase, in 1758, and Tilesius).

4th Family. CEPHEIDÆ Ag.

The genus *Cephea*, as characterized by Pér. and LeS., contains all the members of this family then known. They are *Rhizostomeæ* whose short arms are very complicated, polychotomous, with intervening long cirrhi. They differ only morphologically from *Rhizostoma* proper: the four arms dividing soon into eight branches, the ramifications of which are so clustered as to form terminal bunches, with intervening cotyles or pedunculated clusters of lasso-cells, and terminate in slender, long cirrhi, varying in number.

Our knowledge of these *Medusæ* has not made one step since Forskål, in whose "Descriptiones Animalium, &c.," two species are described and figured; but by a mistake of his editor, C. Niebuhr, the figures of Forskål are erroneously referred in the explanation of the plates, the description of *Medusa octostyla* applying to Pl. 29, and that of *Medusa*