

5th Family. POLYCLONIDÆ *Agass.* Not only are the long branching arms characteristic of this family; it differs also from all the other Rhizostomeæ by its peculiar symmetry, there being no eyes in the radial prolongation of the genital pouches. Compare page 139.

*Polyclonia Br.*

*P. Mertensii Br.*, Mém. Ac. St. Petersburg, 1838, Vol. II. Pls. 21, 22, 23. — *Rhizostoma Mertensii Br.*, Bull. — *Cassiopea Mertensii Br.*, Prodr. — *Caroline Islands: Ualan* (Mertens).

*P. frondosa Ag.* — *Medusa frondosa Pall.*, Spicil. Zool., X. Pl. 2, figs. 1-3. — *Cassiopea frondosa Lmk., Esch.* — *Cassiopea Pallas Pér.* and *LeS.* — *West Indies* (Pallas); *Florida: Key West* and *Key Largo* (L. Agassiz).

*P. theophila.* — *Cassiopea dieuphila Pér.* and *LeS.* — *Cassiopea theophila Lmk.* — *Rhizostoma theophila Esch.* — *New Holland: With's Land* (Péron and LeSueur).

*Salamis Less.* Prodr. (name preoccupied). — *Orythia Q. and G.*

*S. toreumata Less.* — *Orythia incolor Q. and G.*, Voy. Astr., Pl. 25, fig. 10. — *Moluccas Islands* (Lesson).

*Homopneusis Less.*

*H. frondosus Less.*, Voy. Coquille, Mollusques, Pl. 12. — *Waigiou Island* (Lesson).

6th Family. FAVONIDÆ *Agass.* See p. 135 of this volume.

*Favonia Pér.* and *LeS.* — *Orythia Lmk.* (p. p.).

*F. octonema Pér.* and *LeS.* — *New Holland* (Péron and LeSueur).

*F. hexanema Pér.* and *LeS.* — *Tropics: Atlantic* (Péron and LeSueur).

*Lymnorea Pér.* and *LeS.*, *DeBl., Esch., Less.* — *Dianæa Lmk.* (p. p.).

*L. triedra Pér.* and *LeS.* — *New Holland* (Péron and LeSueur).

2d Sub-order. SEMLEOSTOMEÆ *Agass.* See page 9 of this volume, in which the characteristics of this sub-order are contrasted with those of the Rhizostomeæ and Haplostomeæ.

1st Family. AURELIDÆ *Agass.* See p. 80 for the characters of the family.

*Aurelia Pér.* and *LeS.*, 1809. — *Medusa Lin.*, 1746, *Esch.* — *Ephyra Pér.* and *LeS.*, 1809. — *Ocyroë Pér.* and *LeS.*, 1809. — *Evagora Pér.* and *LeS.*, 1809 (p. p.). — *Orythia Lmk.*, 1815 (p. p.). — *Cyanæa Cuv.*, 1818 (p. p.). — *Scyphistoma Sars*, 1829. — *Rhizostoma Esch.*, 1829 (p. p.). — *Strobila Sars*, 1835. — *Diplocraspedon Br.*, 1835. — *Monocraspedon Br.*, 1835. — *Claustra Less.*, 1837. — *Biblis Less.*, 1837. — *Macrostoma Less.* — *Laodicea Less.*, 1843.