

- R. cruciatus* Ag.—*Rhizostoma cruciata* Less., Voy. Coquille, Pl. 11, fig. 1.—*Coast of Brazil* (Lesson).
- Toxoclytus* Ag.—Eight short arms with cylindrical base, widening at their extremity into broad, arrow-head like, appendages, bordered with numerous folds of the marginal lobes.
- T. roseus* Ag.—*Rhizostoma rosea* Reyn. in Less., Cent. Zool., Pl. 34.—*Atlantic Ocean, in the Tropics* (Reynaud).
- T. Dubreuilli* Ag.—*Cephea Dubreuilli* Reyn. in Less., Cent. Zool., Pl. 23.—*Rhizostoma Dubreuilli* Less.—*Gulf of Bengal* (Reynaud).
- Melitea Pér.* and *LeS.*, 1809 (name preoccupied).—*Orythia Lmk.* (p. p.).—*Rhizostoma Esch.* and *Less.* (p. p.).—I suspect that the base of the arms alone are preserved in the only figure published of this genus, and that, besides the short lobes represented, it had long arms, like *Thysanostoma*.
- M. purpurea Pér.* and *LeS.*—*DeBl.*, Man. d'Actinol., Pl. 35, fig. 5, from a drawing by LeSueur.—*Rhizostoma purpurea Esch.*—*Orythia purpurea Lmk.*—*New Holland: DeWill's Land* (Péron and LeSueur).
- Thysanostoma* Ag.—Eight very long, papillate arms, with a distinct round lobe, projecting outward from their base.
- Th. Lessoni* Ag.—*Melitea brachyura* Less., Cent. Zool., Pl. 80. The name *brachyura*, for a species with very long arms, cannot be retained.—*Rhizostoma brachyura* Less., Zool. Coq.—*New Guinea: Dorchy* (Lesson).
- Evagora Pér.* and *LeS.* 1809.—*Orythia Lmk.* (p. p.).—*Rhizostoma Esch.* (p. p.). Owing to the number of the arms, which exceeds that of the other genera, I have some doubts as to the position of this genus, in the family of *Rhizostomidæ* proper. As characterized by Péron and LeSueur, this genus embraces two distinct types, one of which, the *E. tetrachira*, has been removed to *Ocyroë* (*Aurelia*) by Blainville.
- E. capillata Pér.* and *LeS.*—*DeBl.*, Man. d'Actin., Pl. 35, fig. 3, from a drawing by LeSueur.—*Orythia capillata Lmk.*—*Rhizostoma capillata Esch.*—*New Holland: Endracht's Land* (Péron and LeSueur).

2d Family. *LEPTOBACHIDÆ* Ag. This family embraces *Rhizostomeæ* with very long, slender arms, provided with a small cluster of marginal fringes near their termination. Four genital pouches.