

marginal tentacles, and pedunculated clusters of lasso-cells. The body consists of four spheromeres, and has eight marginal eyes, four in the prolongation of the ambulacral chymiferous tubes, and four in the prolongation of the medial chymiferous tube of the genital pouches. To the sides of each of these pouches there are radiating chymiferous tubes without eyes. For one half of their extent, near the margin, the chymiferous tubes form a close network of anastomoses, closest near the margin, and rather loose between the main branches of the system. Milne-Edwards has published, from injections of the *Rhizostoma Cuvieri*, the only accurate illustrations existing of these ramifications.

*Rhizostoma Cur.* 1817. — *Cephea Lmk.* — *Holigoclonia Br.* — *Claustra Less.* (p. p.)

As now circumscribed, the genus *Rhizostoma* embraces only those species in which the actinostome is divided into eight arms, the marginal lobes of which are clustered into two distinct bunches, one smaller, near the base of the arms, another larger, extending to near their extremity. The arms terminate in a simple point.

- R. *Corona Esch.* — *Medusa Corona Forsk.* — *Cephea Corona Lmk.* — *Rhizostoma Corona Esch.* — *Rhizostoma Forskålii Pér.* and *LeS.* — *Rhizostoma Forskålii Less.* — *Red Sea* (Forskål). This, and the following species, are very imperfectly known.
- R. *tetrastylum Less.* — *Medusa tetrastyla Forsk.* — *Rhizostoma Cuvieri Ehrenb.* — *Red Sea: Suez* (Forskål), (Hemprich and Ehrenberg).
- R. *Cuvieri Pér.* and *LeS.* — *Gosse, Tenby Pl. 1.* — *Rhizostoma Cuvieri Esch.* (p. p.). — *Rhizostoma undulata Flem.* — *Cephea Rhizostoma Lmk.* — *Rhizostoma pulmo Forbes.* — *Atlantic Ocean: English coast* (Forbes); *English Channel* (Péron and LeSueur).
- R. *pulmo Ag.* — *πρὸς μὲν Arist.* — *Urticæ quinta species Rond.* — *Medusa pulmo L.* — *Rhizostoma Aldrovandi Pér.* and *LeS.* — *Cephea Aldrovandi Lmk.* — *Cephea Rhizostoma Eysenb.* (Act. nov. Nat. Cur. Vol. X. Pl. 34. Excellent anatomical description). — *Rhizostoma Cuvieri Esch.* (p. p.). — *Rhizostoma Cuvieri Milne-Edwards* (*Voyage en Sicile, Pl. IX.*; copied in Cuvier's *Règn. Animal*, Pls. 49 and 50, here for the first time represented as fully injected). — *Mediterranean: Nice* (Péron and LeSueur).