

*Staurophora Br.*

*St. Mertensii Br.*, Pls. 24 and 25. — *Norfolk Sound* (Mertens).

*St. laciniata Ag.*, Mem. Amer. Acad., IV. Pl. 7. — *Massachusetts Bay* (Agassiz).

*Laphœa Lamx.* — *Atractylis Wr.* (p. p.). — *Campanulina VanBened.*

*L. cornuta Lamx.*<sup>1</sup> — *Newfoundland* (Lamouroux). — *Naushon, Buzzard's Bay* (A. Agassiz).

*L. dumosa Ag.* — *Campanularia dumosa Flem., Johnst., Zoöph.*, p. 114, fig. 20. — *Atractylis repens Wr.*, Edinb. Phil. Journ., 1859, Pl. 1, fig. 5. — *Campanulina tenuis VanBened.*, Bull. Ac. Belg., 1847. — *British Seas* (Fleming); *Ostende* (VanBeneden).

*Trichydra Wright.*

*T. pudica Wright.* Ed. Phil. Journ., 1858, Vol. VII., Pl. 3, fig. 1.

6th Family. *Eucorinae Gegenb.* (restricted). See note 2, p. 352.

*Obelia Pér. and LeS.* — *Hydra*: a branching *Campanularia*.

*O. sphaerulina Pér. and LeS.*; *DeBl. Actin.*, Pl. 41, fig. 3. — *Campanularia geniculata Van-Ben.*, Pl. 3, figs. 1-6. — *Holland* (Péron and LeSueur); *Ostende* (VanBeneden).

*O. leucostyla Ag.* — *Thaumantias leucostyla Will.* — Pl. 2, fig. 16. — *Trieste* (Will).

*O. commissuralis McCr.* — *Charleston* (McCrady); *Naushon* (A. Agassiz); *Massachusetts Bay* and *Grand Manan* (Agassiz).

*Eucopa Gegenb.* — *Hydra*: a branching *Campanularia*.

*E. polystyla Gegenb.*, Pl. 8, fig. 18. — *Messina* (Gegenbaur).

*E. plana Ag.* — *Thaumantias plana Sars.*, Beskr., Pl. 5, fig. 13. — *Norway* (Sars).

*E. lucifera Ag.* — *Thaumantias lucifera Forbes.*, Pl. 10, fig. 2, under the name of *Th. lucida*. — *Zeland* (Forbes). — *Laomedea geniculata Gosse.*, Devon., Pl. 4, and *Campanularia gelatinosa Van-Ben.*, Pls. 1 and 2, may be the young of this species.

violet pigment spot. The ovaries and digestive cavity are of the same color as the tentacular bulb. Diameter across the circular tube one inch, height, half an inch. — *Naushon, Buzzard's Bay* (A. Agassiz).

<sup>1</sup> *Laphœa cornuta Lamx.* The free Medusa resembles that of *Atractylis repens* of Wright. Tentacles shorter, lasso-cells arranged in spirals along the two long tentacles. Large white pigment-cells at the base of the tentacles and at the base of the diges-

tive cavity. *Hydra* creeping upon stems of *Dynamena*. Sterile *hydra* alternating upon the stem, moderately close together; calyx curved at the base. Reproductive calyx very large, egg-shaped, smooth, containing, in an advanced state of development, one Medusa only. Height of the Medusa, one sixteenth of an inch. — *Naushon, Buzzard's Bay, September* (A. Agassiz). The knowledge of this Medusa gives a clue to the position of *Trichydra*.