

*Couthouyia Agass.* See p. 118.—*Nerinea Couth.*, Manuscript.

*C. pendula Ag.*—*Nerinea pendula Couth.*—*Orange Harbor, Terra del Fuego* (J. P. Couthouy in Capt. Wilkes' Expedition).

*Medora Couth.*, Msc. See p. 118.

*M. reticulata Couth.*, Msc.—*Orange Harbor, Terra del Fuego* (J. P. Couthouy in Capt. Wilkes' Exploring Expedition).

*M. capensis Couth.*, Msc.—*Pacific Ocean, in sight of Cape Horn* (J. P. Couthouy in Capt. Wilkes' Exploring Expedition).

*Patera Less.* I refer this genus, with doubt, to the family of *Cyaneidæ*, no mention being made by Lesson of the genital pouches. The arrangement of the tentacles, though there are twice as many, is similar to that of *Stenoptycha*; but the oral appendages form a convolute mass of meandering folds, the main branches of which terminate in a pinnate lobe.

*P. cerebriformis Less.*—*Dianæa cerebriformis Less.* (*Zoologie de la Coquille, Zoophytes*, Pl. 10).—*Atlantic Ocean, under the equator, Long. 25° W.* (Lesson).

*Donacostoma Agass.* From the centre of the actinostome projects a fleshy proboscis, at the extremity of which are a number of slender tentacles. Like *Patera*, it has sixteen bunches of tentacles, arranged in a single row in each lobe. The genital pouches are very wide, and conceal the whole actinostome, with the exception of its central peduncle, which hangs below them. Lobes of the margin of the disk angular, so that the margin itself appears straight, and is only cleft at intervals.

*D. Woodii Ag.* Disk purplish, with white margin; upper surface papillous. Tentacles of the same color as the disk; genital pouches paler.—*China Sea, off Tulo Timooan* (W. W. Wood). From a drawing and notes by Mr. Wood.

4th Family. *PELAGIDÆ Gegenb.*, *Zeitsch. f. wiss. Zool.*, 1856.—*Agass.* p. 121.—*Pelagiæ Til.*—*Chrysaoræ Til.*

*Pelagia Pér.* and *LeS.*, 1809.

*P. noctiluca Pér.* and *LeS.*, *Esch.*, *Less.*, *Milne-Edw.*, in *Cuvier's Règne An.*, Pls. 45 and 46, *Wagner*, *Icones Zootom.*, Pl. 30, *Figs. 1-25.*—*Medusa noctiluca Forsk.*, *Delle Ch.*—*Medusa phosphorea Spallanz.*—*Aurelia phosphorica Pér.* and *LeS.*—*Pelagia purpurea Pér.* and *LeS.*—*Pelagia parthenopensis Less.*—*Pelagia phosphorea Esch.*—*Mediterranean* (Forskål and all modern authors on the subject).