

- P. Lessoni* Br.—*Pelagia panopyra* Less., Centurie Zoologique, Pls. 62 and 63.—Nothing can be worse than the figures of this Acaleph published by Lesson, who represents it in one of his plates without indentations, and without eyes along the margin of the disk (Pl. 62), and in the other (Pl. 63), with a disk divided into twelve unequal lobes. I am not acquainted with a single Medusa presenting such a combination of characters. I have, however, before me drawings, made by Mr. J. Drayton, in the same quarter of the world, under the supervision of Mr. Couthouy, during Capt. Wilkes' Exploring Expedition, which show the existence of a *Pelagia* along the western coast of Africa, closely allied to *P. noctiluca*, but different from *P. cyanella*, for which I feel bound to retain the name of *P. Lessoni*, inscribed by Brandt, for one of the plates of Lesson. This species is more transparent and hyaline than *P. noctiluca*, of a lighter rose color, and does not seem to grow so large.—*Medusa pelagia* Forsk., and *Pelagia guineensis* Pér. and LeS., may also belong here.—*Cape de Verd Islands* (Couthouy in Capt. Wilkes' Expedition); from 7° N. Lat. to 4° S. Lat., and 22° W. Long. (Lesson).
- P. cyanella* Pér. and LeS., Esch., Bose., Ag., Pls. 13 and 13^a.—*Medusa pelagia* Swartz.—*Medusa pelagia* Löffling.—*Pelagia americana* Pér. and LeS.—*Pelagia noctiluca* Cham., in Choris' Voy.—*Pelagia denticulata* Pér. and LeS.—*Dianæa cyanella* Lmk.—*Dianæa denticulata* Lmk.—*Caribbean Sea* (Swartz and Löffling); *Coast of Florida: Tortugas* (L. Agassiz).
- P. panopyra* Pér. and LeS., Voy. aux Terres Austr., Pl. 31, fig. 2 (not Br.), Esch. (p. p.). The specimens seen by Eschscholtz in the Atlantic, which he refers to *P. panopyra*, were probably *P. Lessoni* Br.—*Dianæa panopyra* Lmk.—*Australia* (Péron and LeSueur); *Pacific* (Eschscholtz).
- P. Brandtii* Ag.—*Pelagia denticulata* Br., Ac. St. Petersburg, 1838, Pl. 14, fig. 2 (not Pér. and LeS., which is *P. cyanella*).—*Aleutian Islands* (Mertens).
- P. tuberculosa* Couth., Msc.—*Pelagia panopyra* Br., Ac. St. Petersburg, 1838, Pl. 14, figs. 1 and 1^a (not Pér. and LeS.).—*Coast of Chili* (Couthouy, in Capt. Wilkes' Expedition); *Peru* (Mertens).
- P. flaveola* Esch., Acal., Pl. 6, fig. 3.—*North Pacific*, 34° N. Lat. and 201° W. Long. (Eschscholtz).