

description, and *DeBlainville* even published one of the drawings of *LeSueur*. This is certainly quite sufficient to establish the priority of the genus *Pegasia*, and even more satisfactory than the descriptions of *Kölliker*, no one of which is illustrated. Here are included all the *Thalassanthææ*, with more than six tentacles, alternating with single radiating pouches. Lesson's genus *Scyphis* contains many-rayed species of the same type; no structural differences being indicated. Many species still referred to *Æquorea* may also belong here, as, undoubtedly, some *Polyxenia* do, while others are true *Æquoridae*.

- P. dodecagona* Pér. and LeS., *DeBl.*, Pl. 33, fig. 2, *Less.*—*South Atlantic* (Péron and LeSueur).
P. cylindrella Pér. and LeS., *DeBl.*, *Less.*—*New Holland: Arnheim* (Péron and LeSueur).

To avoid unnecessary changes, I enumerate here the species described by different authors, under the names under which they were published, though some of those of Quoy and Gaimard, and especially those of Leuckart, of Gegenbaur, and of Kölliker will, no doubt, prove identical, as they were all observed in the Mediterranean.

- Ægina cyanogramma* Esch.—*Æquorea cyanogramma* Q. and G., *Zool. Uran.*, Pl. 84, figs. 7 and 8.—*Admiralty Islands, north-west of New Holland* (Quoy and Gaimard).
Æ. grisea Esch.—*Æquorea grisea* Q. and G., *Zool. Uran.*, Pl. 84, figs. 4 and 5.—*Admiralty Islands* (Quoy and Gaimard).
Æ. semirosea Esch.—*Æquorea semirosea* Q. and G., *Zool. Uran.*, Pl. 84, fig. 6.—*New Guinea* (Quoy and Gaimard).
Æ. capillata Esch.—*Æquorea capillata* Q. and G., *Ann. Sc. Nat.*, Vol. X. Pl. 63, fig. 1.—*Gibraltar* (Quoy and Gaimard).
Scyphis mucilaginoso Less.—*Medusa mucilaginoso* Cham. and Eysenh., *Act. Nov. Nat. Cur.*, Vol. X. Pl. 30, fig. 2.—*Æquorea mucilaginoso* Esch.—*Cumina mucilaginoso* DeBl.—*Pacific, under the Equator* (Chamisso and Eysenhardt).
Sc. punctata Less.—*Æquorea punctata* Q. and G., *Zool. Uran.*, Pl. 85, fig. 4.—*Ægina punctata* Esch.—*N. Pacific, 36° N. Lat. between the Sandwich and Mariane Islands* (Quoy and Gaimard).
Ægineta rosea Gegenb., *Zeitsch. f. wiss. Zool.*, 1856, VIII. p. 261. Pl. 10, pages 6 and 7.—*Messina* (Gegenbaur).