

- Æ. prolifera* Gegenb., Zeitsch. f. wiss. Zool., 1856, VIII. p. 262. — *Messina* (Gegenbaur).
- Æ. paupercula* Gegenb., Zeit. f. wiss. Zool., 1856, VIII. p. 263, Pl. 10, fig. 10. — *Messina* (Gegenbaur).
- Æ. globosa* Gegenb., Zeit. f. wiss. Zool., 1856, VIII. p. 263, Pl. 10, fig. 8. — *Messina* (Gegenbaur).
- Æ. hemisphærica* Gegenb., Zeit. f. wiss. Zool., 1856, VIII. p. 263. — *Messina* (Gegenbaur).
- Æ. flavescens* Gegenb., Zeit. f. wiss. Zool., 1856, VIII. p. 263, Pl. 10, fig. 9. — *Messina* (Gegenbaur).
- Æ. Sol maris* Gegenb., Zeit. f. wiss. Zool., 1856, VIII. p. 265, Pl. 10, figs. 4 and 5. — *Messina* (Gegenbaur).
- Paryphasma planiusculum* Leuck., Arch. f. Naturg., 1856, p. 39, Pl. 2, figs. 10 and 11. — *Nizza* (Leuckart).
- P. rhodoloma* Leuck., Arch. f. Naturg., 1856, p. 39, note. — *Æquorea rhodoloma* Br., Ac. St. Petersburg, 1838, Pl. 3, figs. 1-5. — *Bay of Conception* (Mertens).
- Pachysoma* Köll., Zeit. f. wiss. Zool., 1853, IV. p. 322. Gegenbaur has changed this name to *Ægineta*. There is, therefore, no doubt as to their generic identity. He considers *Stenogaster* as belonging also to *Ægineta*. These names were both pre-occupied.
- P. flavescens* Köll., Zeitsch. f. wiss. Zool., 1853, IV. p. 322. — *Messina* (Kölliker).
- Stenogaster* Köll., Zeitsch. f. wiss. Zool., 1853, IV. p. 322. Belongs to *Ægineta*, according to Gegenbaur.
- S. complanatus* Köll., Zeitsch. f. wiss. Zool., 1853, IV. p. 323. — *Messina* (Kölliker).
- Polyxenia flavibrachia* Br., Ac. St. Petersburg, 1838, Pl. 7. — *Between Peru and the Marquesas Islands, 5° S. Lat., and 127° W. Long.* (Mertens).
- P. Alderi* Forbes, Naked-eyed Medusæ. Pl. 4, fig. 2. — *England. Devonshire* (Forbes). The other species referred to this genus are probably genuine *Æquoridæ*.

2d Family. BRANDTIDÆ Agass. Inscribed to the learned and eminent editor of Mertens. This family is readily distinguished by the peculiar lobation of the margin of the disk, but it is doubtful whether it truly belong to this sub-order. Its quadripartite structure is indicated by the presence of four eyes.