

C. Reynaudi *Less.*—*Rhizostoma fulgida Reyn.*, in Lesson, Cent. Zool., Pl. 25.—*Cape of Good Hope* (Reynaud).—Seems to be a distinct species.

Lesson has figured two other species, under the names of *Chrysaora Gaudichaudi* and *Chr. Blossevillii*, which, unquestionably, constitute two distinct genera, though his descriptions afford only imperfect means of characterizing them:

*Desmonema Ag.* Marginal lobes very large and triangular, twelve in number, and terminating in twelve fasciculated tentacles. Twelve small lobes, eyes (?), alternating with the large lobes.

D. Gaudichaudi *Ag.*—*Chrysaora Gaudichaudi Less.*, Voy. Coquille, Pl. 13, fig. 1.—*Bay of Soledad, Malouine Islands, and off Cape Horn* (Lesson).

*Lobocrocis Ag.* Margin doubly lobed; the outer row containing twice as many pointed lobes as the inner one, the lobes of which are broadly rounded. Tentacles between alternate marginal lobes.

L. Blossevillii *Ag.*—*Chrysaora Blossevillii Less.*, Voy. Coquille, Pl. 13, fig. 2.—*Coast of Brazil: St. Catherine's Island* (Lesson).

*Dactylometra Ag.* See p. 125.—*Chrysaora Esch.* (p. p.).

D. lactea *Ag.*—*Chrysaora lactea Esch.*, *Acal.*, Pl. 7, fig. 3.—*Bay of Rio de Janeiro, Brazil* (Eschscholtz).

D. quinquecirra *Ag.*—*Pelagia quinquecirra Desor*, Proc. Bost. Nat. Hist. Soc., 1848, p. 76.—*Nantucket Bay* (Desor); *Naushon* (A. Agassiz); *between the Bermudas and Azores* (J. Drayton, in Capt. Wilkes' Expedition).

*Polybostrycha Brandl.* 1838; *Ag.* See p. 126.

P. helvola *Br.*, *Ac. St. Petersburg.*, 1838, Pl. 15.—*Off Silka and the Aleutian Islands* (Mertens).

P . . . , *A. Ag.*, *Msc.*—*California* (A. Agassiz). This, and other species noticed here, will shortly be described.

*Melanaster Ag.* See p. 126.

M. Mertensii *Ag.*—*Chrysaora melanaster Br.*, *Ac. St. Petersburg.*, 1838, Pls. 16 and 17.—*Kamtschatka: Awatcha Bay* (Mertens).

M . . . , *A. Ag.*, *Msc.*—*California* (A. Agassiz).

*Zygonema Ag.* See p. 127.

Z. volutata *Ag.*—*Pelagia volutata Couth.*, *Msc.*—*Harbor of Rio de Janeiro* (J. Drayton, in Capt. Wilkes' Expedition).

Respecting the following genus, see my remarks, p. 122.