

- Coryne*, Wright, Edinb. New Phil. Trans., 1857, Vol. VI. p. 83, Pl. II. *Fig.* 7.
 “ “ “ “ “ “ 1858, Vol. VII. pp. 282 and 296, Pl. VII.
Fig. 5.
 “ Allman, Annals and Mag. Nat. Hist., 1859, p. 141.
Stipula, Sars, Bidrag til Sördyrenes Naturhistorie, 1829; transl. in Isis, 1833, p. 221,
 Tab. X. *Fig.* 1.
Syncoryna, Ehrenberg, Corallenthiere, Königl. Akad. Wissenschaft., Berlin, 1834.
 “ Lovèn, Handl. Kongl. Svensk. Vetensk. Akad., 1835, and translated in
 Wieg., Archiv, 1837, p. 321, Tab. VI.
 “ Steenstrup, Generationswechsel, 1842, p. 19.
 “ Van Beneden, Embryogénie des Tubulaires, Acad. Roy., Bruxelles, 1844,
 p. 51, Pl. III.
 “ Dujardin, Ann. Sc. Naturelles, 1845, IV. p. 275, Pl. XIV.
 “ Sars, Fauna Litt. Norvegica, 1846, p. 2, Pl. I.
 “ Agassiz, Lect. Embryol., 1848, p. 39.
 “ Desor, Ann. Sc. Naturelles, 1849, XII. p. 204, and *Fig.*
 “ McCrady, Proc. Elliot Soc., Charleston, S. C., 1858, *Fig.* 35.
Aerochordium, Meyen, Nov. Acta Acad. Nat. Cur., 1834, XVI. p. 165, Tab. XXVIII.
Figs. 8 and 9. (?)
Hermia, Johnston, Brit. Zoöph., 1st ed., 1838, p. 111, and *Fig.*
 “ Hassal, An. Mag. Nat. Hist., 1841, VII. p. 283, Pl. VI. fig. 2.
Occania, Sars, Beskrivelser, 1835, p. 22, Pl. V. *Figs.* 11^a and 11^b.—Dujardin in
 Lam'rk, 2d ed.—Agassiz, Lect. Embryol., pp. 33 and 44.
Sarsia, Lesson, Acalephs, 1843, p. 333.
 “ Forbes, Naked-eyed Medusæ, 1848.
 “ Agassiz, Mem. Amer. Acad. 1850.

SECTION II.

THE HYDROID FORM OF CORYNE MIRABILIS.

In order to obtain a correct idea of this Hydroid, the observer must watch it in its native element, under all the circumstances and conditions of its natural mode of existence and development. After it has been kept in confinement for a day or two, it loses its brightness and color, in a great measure, and assumes strange attitudes; such as an excessive elongation of the club-shaped head and tentacles, which look as if reaching after something, or a stiff, angular position, bristling with straightened, rigid tentacles. But when floating freely in the water,