

## CHAPTER NINTH.

### CLASSIFICATION OF THE HYDROIDÆ.

#### SECTION I.

##### TABULAR VIEW OF THE WHOLE ORDER OF HYDROIDÆ.

IN order not to introduce questionable information in this synopsis, I have only quoted such references as relate to the most trustworthy accounts now at hand upon this type, and condensed these to the utmost, sometimes to the mere names of the genera and species, as the special papers on this subject, already enumerated in preceding sections, must necessarily be consulted by all those who propose to investigate the Hydroids and their alternate generations.

Order of HYDROIDÆ *Johnst.* (So extended as to include the majority of the naked-eyed Medusæ and all the Siphonophoræ.)—Lithophyta and Zoophyta (pro parte) *Lin.*—Zoophyta (p. p.) *Pallas, Ellis and Sol., Flem., Dana.*—Polypi (p. p.) *Cuv., Lamx., Lmk., Milne-Edw.*—Anthozoa (p. p.) *Ehrenb.*—Radiaires anomales and médusaires (p. p.) *Lmk.*—Medusæ (p. p.) *Pér. and LeS.*—Siphonophoræ *LeS.*—Acalèphes libres (p. p.) and Ac. hydrostatiques *Cuv.*—Æquoræ, Physophoræ, and Porpitæ *Göhlf.*—Vesiculares, Medusæ (p. p.), Chondrophoræ, and Anomalæ *Cham. and Eysenh.*—Papyracea, Hydrostatica, and Cyclomorpha (p. p.) *Latr.*—Discophoræ cryptocarpæ (p. p.) and Siphonophoræ *Esch.*—Polypiaria (p. p.), Physograda, Pulmograda (p. p.), and Cirrhograda, *DeBl.*—Siphonophoræ and Discophoræ (p. p.) *Oken.*—Discophoræ (p. p.) and Siphonophoræ *Brandl.*—Medusæ (p. p.) and Diphyidæ, Polytomæ, Physophoræ, Physaliæ, Velellæ, and Porpitæ *Less.*—Gymnophthalmata *Forbes.*—Hydroidæ *Agass.*—Coralliaria Tabulata and Rugosa, and Hydraria *Milne-Edw. and Haime.*—Hydromedusæ (p. p.) and Siphonophoræ *Vogl.*—Hydroidea and Hydromedusida *Köll.*—Hydroidea, Medusida Craspedota (p. p.) and Siphonophora *Gegenb.*—Hydroidæ *McCr.* (exclud. Æginidæ).—Hydrozoa *Huxl.*