

PLATE VII.

Figs. 1-5.—*Halecium cymiforme* (p. 15).

Fig. 1.—A colony growing over the stems and branches of some other dendritic Hydroid ; natural size.

Fig. 2.—Portion of a colony ; magnified 20 diameters.

Fig. 3.—Outline of portion of a colony near its base, showing the fascicled basal tubes and the origin of the free portion of the colony ; magnified about 15 diameters.

Fig. 4.—Young gonangium (male ?) with its contents ; magnified about 60 diameters.

- a. Blastostyle.
- b. Sporosac.
- c. Ectodermal investment of the sporosac, sent off from the walls of the blastostyle.
- d. Inner layer of the cap-like covering of the sporosac.
- e. Outer layer of same.

Fig. 5.—More mature gonangium (male ?) with its contents ; magnified about 40 diameters.

- a. Blastostyle.
- b. Sporosac.
- c. Ectodermal investment of the sporosac, sent off from the walls of the blastostyle. The structures forming the cap of the sporosac have here disappeared.