

PLATE I.

Figs. 1-4.—*Plumularia flabellum*.

Fig. 1.—Natural size.

Fig. 2.—Portion of a hydrocladium magnified ; lateral view.

Fig. 3.—Same ; front view.

Fig. 4.—Portion of branch, with origin of hydrocladia.

Figs. 5, 6.—*Plumularia laxa*.

Fig. 5.—Natural size.

Fig. 6.—Portion of hydrocladium giving origin to a secondary hydrotheca-bearing ramulus ; magnified.

Figs. 7, 8.—*Plumularia dolichotheca*.

Fig. 7.—Natural size.

Fig. 8.—Portion of hydrocladium ; magnified.