

PLATE XXXVIII.

Figs. 1-4.—*Thecocladium flabellum* (p. 81).

Fig. 1.—A colony ; natural size.

Fig. 2.—Outline of proximal part of a colony, showing the mode in which the stolon is rooted, with the origins of some of the stems ; magnified about 8 diameters.

Fig. 3.—Portion of a colony, magnified 15 diameters ; showing the origin of the branches, each from within the cavity of a hydrotheca. One of the branches is seen to terminate in a tendril-like continuation.

Fig. 4.—Outline of part of a branch, viewed laterally, showing the deep furrow in one side of the gonangium ; magnified about 10 diameters.