

PLATE XXXVI.

Figs. 1, 1*a*.—*Staurotheca dichotoma* (p. 76).

Fig. 1.—A colony ; natural size.

Fig. 1*a*.—Part of a colony ; magnified 10 diameters. The extremity of a neighbouring branch is seen with its tendril-like continuation, which has become attached by its extremity to the hydrocaulus near the base of a hydrotheca.

Figs. 2, 2*a*.—*Dictyocladium dichotomum* (p. 77).

Fig. 2.—A colony ; natural size.

Fig. 2*a*.—Part of a colony ; magnified 15 diameters. The tendril-like continuation of one of the branches is seen to have attached itself by its extremity to the orifice of a hydrotheca on a neighbouring branch.