

PLATE XXXII.

Figs. 1, 1*a*, 1*b*, 1*c*.—*Thuiaria cupressina* (p. 67).

Fig. 1.—A colony ; natural size.

Fig. 1*a*.—A portion of a pinna ; magnified 30 diameters.

Fig. 1*b*.—Part of the main stem with the origin of a pinna ; magnified 15 diameters.

Fig. 1*c*.—Outline of part of a pinna near its origin, showing its mode of bifurcation ; magnified 15 diameters.

Figs. 2, 2*a*.—*Thuiaria vineta* (p. 68).

Fig. 2.—Part of a colony ; natural size.

Fig. 2*a*.—Part of a colony deprived of its cœnosarc by maceration in caustic potash, showing the chitinous bands by which the hydrothecæ of opposite sides are connected to one another ; magnified 15 diameters.