

PLATE XXI.

Figs. 1, 1*a*.—*Cryptolaria diffusa* (p. 42).

Fig. 1.—Portion of a colony ; natural size.

Fig. 1*a*.—Portion of same, with gonangia ; magnified 10 diameters.

Figs. 2, 2*a*, 2*b*.—*Perisiphonia pectinata* (p. 45).

Fig. 2.—A colony ; natural size.

Fig. 2*a*.—Distal end of a pinna, showing the extremities of the hydrothecæ projecting from between the peripheral tubes which carry the sarcothecæ ; magnified 25 diameters.

Fig. 2*b*.—Portion of a pinna after maceration in caustic potash ; the peripheral tubes detached from the axial tubes and carrying sarcothecæ ; magnified 25 diameters.