

PLATE XXXVII.

Figs. 1, 1a, 1b, 1c.—*Synthecium campylocarpum* (p. 78).

Fig. 1.—A colony ; natural size.

Fig. 1a.—Part of a colony ; magnified 15 diameters.

Fig. 1b.—A pair of hydrothecæ with a gonangium from what is probably a male colony of the same species ; magnified 15 diameters.

Fig. 1c.—Basal portion of a pinna in which the gonangia are replaced by hydrotheca-bearing ramuli ; magnified about 8 diameters.

Figs. 2, 2a.—*Synthecium alternans* (p. 80).

Fig. 2.—A colony ; natural size.

Fig. 2a.—Part of a colony ; magnified 15 diameters.