

*Colour*.—Light yellowish-grey.

*Habitat*.—Western entrance of English Channel; about lat. 48° 31' N., long. 10° 3' W.; depth, 500 fathoms.

*Remarks*.—From Carter's description it is evident that this sponge is remarkably similar in the character of its tissues to *Thrombus challengeri*; the chief difference between the two species lies in the absence of amphiasters in the latter.

*Thrombus ornatus*, n. sp.

*Sponge*.—(?).

*Spicule*.—1. *Trichotriæne*, rhabdome cylindroconic, 0·065 mm. in length; cladome terminal, cladi curving gently forwards, outwards and backwards, protocladi 0·008 mm., deuterocladi 0·198 mm. in length, chord 0·055 mm., the esactinal rhabdome and the deuterocladi minutely, entirely, and erectly spined, the protocladi and eactine smooth.

*Habitat*.—Seychelle Islands.

*Remarks*.—The spicule on which this species is founded occurs not uncommonly among the débris which Mr. Carter obtained from about the rooting spicules of *Euplectella cucumer*, and of which he was good enough to present me with a mounted slide. The difference between this trichotriæne and that of *Thrombus abyssii* is to be found in the position of the cladome, which is not terminal in the latter species.

*Thrombus kittoni* (Carter).

*Corticium kittoni*, Carter, Ann. and Mag. Nat. Hist., ser. 4, vol. xiv. p. 24, pl. xv. fig. 48.

*Sponge*.—Unknown.

*Spicule*.—1. *Sigmatræne*, rhabdome short and stout; cladi varying from two to four in number, spreading upwards and outwards *en fleur-de-lis*; both rhabdome and cladi thickly covered by stout, vertical, short spines, except near the cladal origin. Rhabdome 0·154 by 0·028 mm.; total length of spicule 0·268 mm.

*Habitat*.—Colon, Panama.

This species is founded on deciduous spicules from an "arenaceous deposit," so that it is presumably fossil. The description is taken from Carter's account, but there seems to be some discrepancy between the text and the illustrations; in the text the cladi are said to be twice the length of the rhabdome, while in the figure the reverse is represented.