

The specimen on which the species is founded is in the British Museum collection. It much resembles in general appearance the specimen figured by Schmidt,<sup>1</sup> and, as already suggested, it is possible that Schmidt's sponge is identical with *Placospongia intermedia*.

*Incertæ sedis.*

*Antares*,<sup>2</sup> n. gen.

Sterrastrosa in which the megascleres are oxeas and tylotes, the microsclere a disciform sterraster.

*Antares euastrum* (O. Schmidt).

*Stellettinopsis euastrum*, O. Schmidt, Spong. Meerb. v. Mexico, p. 76, 1880.

*Sponge*.—"A fragment of a white branch 20 mm. long, of the thickness of a quill."

*Spicules*.—I. Megascleres. 1. *Oxea*, fusiform. 2. *Tylote*.

II. Microscleres. 3. *Sterraster*, disciform. Other asters absent.

*Habitat*.—Grenada, West Indies; depth, 170 fathoms.

*Remarks*.—As I have not seen this sponge I can only give Schmidt's description; imperfect as this is, it is sufficient, if correct, to show that the sponge is not a *Stellettinopsis*. Since the sterraster is disciform, and the cortex does not appear to be subdivided into plates, it is probably more nearly related to *Erylus* than to *Placospongia*; further it is possible that triænes and asters are present, but that Schmidt overlooked them, and in this case its alliance with *Erylus* would be very close. In any case the association of a tylote with a sterraster seems to involve the creation of a new genus.

### Suborder III. MICROSCLEROPHORA.

Choristida in which megascleres are absent; the characteristic microscleres are either tetractinose asters, candelabra, or minute triænes.

### Family III. THROMBIDÆ.

Microsclerosa with trichotriænes, and sometimes a peculiar form of amphiaster. The ectosome is thin and not sharply defined from the choanosome. The mesoderm is a dense collenchyma, containing numerous large granular cells in addition to collencytes. The canal system is diplodal.

<sup>1</sup> Pl. vi. fig. 15, Spong. Atlant. Gebiet., *Placospongia melobesioides*, O. Schmidt.

<sup>2</sup> *Antares*, the name of a star.