

0.09 mm., deuterocladi 0.21 mm. long (S.); rhabdome 2.06 mm. long (B.). 4. *Anatriæne*.

II. Microscleres. 5. *Sterraster*, ellipsoidal, 0.088 by 0.064 mm. 6. *Somal chiaster*, with short, cylindrical, truncate rays, 0.006 mm. in diameter. 7. *Choanosomal spheraster*, centrum small, actines conical, oxeate, minutely spined near the ends; diameter 0.035 mm.

Colour.—Cream-yellow in the dried state. Size, the specimen figured by Bowerbank is 25 mm. in diameter.

Habitat.—Unknown (Bowerbank); Gulf of Manaar (Carter).

Remarks.—The letter (B.) after measurements indicates that they were taken from Bowerbank's illustrations.

Mr. Carter has described a specimen from the Gulf of Manaar, which he identifies with this species. The dimensions of the spicules in this, as given by Carter, are as follows:—
I. Megascleres. *Somal oxea*, 2.8 by 0.056 mm.; *cortical oxea* not seen; *dichotriæne*, rhabdome 3.9 by 0.085 mm., chord 0.7 mm.; *pro-* and *ana-triæne*, cladi 0.07 mm. long.
II. Microscleres. *Sterraster*, 0.1 mm. in diameter; *somal chiaster*, 0.0085 mm. in diameter; *choanosomal spheraster*, 0.0254 mm. in diameter. The sterrastral layer is stated to be 0.317 mm. in thickness, and the size of the largest specimen 25 mm. in diameter. These measurements appear to be sufficiently accordant, and I have but little doubt of the correctness of Carter's identification.

Geodia areolata, Carter.

Geodia areolata, Carter, Ann. and Mag. Nat. Hist., ser. 5, vol. vi. p. 133, pl. vi. figs. 36, 37, 1880.

Sponge.—Globular, free or attached; surface areolated by lines of minute hispidating oxeas; oscules in groups or scattered singly here and there; pores in sieves generally distributed; cortex 0.71 mm. thick.

Spicules.—I. Megascleres. 1. *Somal oxea*, 2.11 by 0.042 mm. 2. *Cortical oxea*, 0.25 mm. in length. 3. *Orthotriæne*, rhabdome 2.8 by 0.07 mm. 4. *Pro-* and 5. *Anatriæne*, both with cladi about 0.07 mm. long.

II. Microscleres. 6. *Sterraster*, ellipsoidal, 0.0888 by 0.0676 mm. 7. *Somal spheraster*, 0.0042 mm. in diameter. 8. *Choanosomal spheraster*, centrum minute, actines long and slender, diameter 0.017 mm.

Colour.—Light cinnamon-brown. Size, 25 mm. in diameter.

Habitat.—Gulf of Manaar.

Remarks.—The measurements are taken from Carter's description. I have not seen the sponge, and am doubtful whether it is a true *Geodia*.