

*Spicules*.—I. Megascleres. 1. *Oxea*, fusiform, 0·875 by 0·028 mm. 2. *Orthotriæne*, rhabdome 0·625 by 0·0173 mm., cladi 0·18 mm. long.

II. Microscleres. 3. *Spheraster*, 0·05 mm. in diameter, the conical actines traversed by an axial fibre. 4. *Chiaster*, with slender, hair-like, truncate actines, confined to the choanosome, 0·015 mm. in diameter. 5. *Orthodragma*, also confined to the choanosome, 0·158 mm. in length.

*Colour*.—White externally, ochreous-yellow within. Size, 75 mm. in width by 37·5 mm. in thickness.

*Habitat*.—Galle, Ceylon.

*Aurora reticulata* (Carter).

*Stelletta reticulata*, Carter, Ann. and Mag. Nat. Hist., ser. 5, vol. xi. p. 352, pl. xiv. fig. 4, 1883.

*Sponge* somewhat globular, lobate; oscules on the prominent part of the lobes; surface uniformly reticulate; cortex, 0·26 mm. thick.

*Spicules*.—I. Megascleres. 1. *Oxea*, fusiform, 0·902 by 0·0243 mm. 2. *Orthotriæne*, rhabdome 0·56 by 0·027 mm., cladi 0·069 mm. long.

II. Microscleres. 3. *Spheraster*, with truncated actines, minutely spined at the ends, 0·032 mm. in diameter. 4. *Chiaster*, 0·008 mm. in diameter.

*Habitat*.—Unknown.

Subfamily 3. SANIDASTERINA.

Genus 12. *Ancorina*, O. Schmidt.

Sanidasterose Stellettidæ with a well-developed cortex which is not produced into tubular outgrowths.

*Ancorina cerebrum*, O. Schmidt.

*Ancorina cerebrum*, O. Schmidt, Spong. Adriat. Meeres, p. 51, pl. iii. fig. 28, 1862.

*Ancorina verruca*, O. Schmidt, *op. cit.*, p. 52, pl. iii. fig. 29, 1862.

*Sponge*.—Large, globose, lobate, with a folded surface like that of a human brain. Cortex 1·79 to 3·0 mm. thick, outer layer collenchymatous, containing oval cells with thin walls and spherical pigment granules, about 0·048 mm. in diameter, excavated by intercortical cavities, from 0·36 to 0·72 mm. in thickness; inner layer fibrous, from 1·1 to 2·6 mm. in thickness.

*Spicules*.—I. Megascleres. 1. *Oxea* 3·0 by 0·0516 mm. (*c*), to 3·0 by 0·058 mm. (*v*). 2. *Dichotriæne*, rhabdome 3·4 by 0·6 mm. (*c*), to 3·25 by 0·039 (*v*), protocladus 0·064 mm., deuterocladus 0·0774 mm. long. 3. *Anatriæne*, rhabdome 3·4 by 0·026 mm., cladi 0·1 mm., chord 0·15 mm. long.