

II. Microscleres. 3. *Sterraster*, spherical, 0·213 mm. in diameter. 4. *Oxyaster*, with few remarkably slender actines.

*Colour*.—(?).

*Habitat*.—Florida ; depth, 153 fathoms.

*Remarks*.—The description has been chiefly taken from Schmidt's account. The measurements of spicules are from a type-slide in the British Museum. Schmidt makes no mention of triænes, but that is no reason for inferring they are not present. The sponge may represent a new genus, but it can hardly be assigned to *Caminus*.

*Isops imperfecta* (Bowerbank).

*Geodia imperfecta*, Bowerbank, Proc. Zool. Soc. Lond., p. 299, pl. xlvi. figs. 6-13, 1874.

*Sponge*.—Massive, tuberous, sessile ; surface smooth ; oscules scattered, small, circular. Ectochrote characterised by peculiar spherasters (No. 4). Cortex 1·43 mm. in thickness.

*Spicules*.—I. Megascleres. 1. *Oxea*, fusiform, bluntly pointed, often strongylate ; 1·75 by 0·039 mm. 2. *Orthotriæne*, cladi usually strongylate, frequently reduced to two or one in number.

II. Microscleres. 3. *Sterraster*, ellipsoidal, depressed, or more or less cylindrical, with rounded ends, 0·11 by 0·08 mm. 4. *Ectochrotal spheraster*, centrum well developed, actines short, cylindrical, divided into numerous spines at the ends ; 0·012 to 0·019 mm. in diameter. 5. *Somal spheraster*, centrum small ; actines slender, cylindrical, truncate, proceeding from the centrum abruptly ; 0·021 mm. in diameter.

*Colour*.—Cream-white in the dry state. Size, the largest of four specimens, 50 mm. long by 35 mm. broad.

*Habitat*.—South Sea ; growing on *Oculina rosea*, obtained from a dealer.

*Isops dysoni* (Bowerbank).

*Geodia dysoni*, Bowerbank, Proc. Zool. Soc. Lond., p. 14, pl. iii. figs. 1-5, 1873.

*Sponge*.—Massive, sessile (?). Surface smooth, uneven ; cortex about 1 mm. in thickness, chiefly composed of the sterrastral layer.

*Spicules*.—I. Megascleres. 1. *Oxea*, 1·75 by 0·026 mm. 2. *Orthotriæne*, rhabdome 1·6 by 0·032 mm., cladi 0·35 mm. in length.

II. Megascleres. 3. *Sterraster*, spherical, depressed, 0·095 mm. in diameter. 4. *Somal aster* (?). 5. *Choanosomal chiaster*, actines slender, cylindrical, truncate ; 0·024 mm. in diameter.

*Colour*.—Cream-white in the dried state. Size, 75 mm. by 40 mm. (Bowerbank).

*Habitat*.—Honduras.