

*Dimensions.*—Radius of the principal arms 0·4, of the lateral arms 0·2; basal breadth 0·06, distal breadth 0·12.

*Habitat.*—Indian Ocean, Belligemma, Ceylon, surface, Haeckel.

2. *Hagiastrum bramae*, n. sp.

Cross rectangular. Both longitudinal arms of equal size, one and a half times as long as the transverse arms; all arms thorny, club-shaped, at their pear-shaped distal part three times as broad as at their base, provided with numerous conical spines, one larger terminal spine at their distal point. (Resembles *Stauralastrum rhopalophorum*, Pl. 45, fig. 1, but is distinguished by the different size of the arm-pairs, and by the stronger spines.)

*Dimensions.*—Radius of the principal arms 0·3, of the lateral arms 0·2; basal breadth 0·04, distal breadth 0·12.

*Habitat.*—Indian Ocean, off Maldive Islands, surface, Haeckel.

Subgenus 2. *Hagiastromma*, Haeckel.

*Definition.*—The two longitudinal arms different in size or form.

3. *Hagiastrum mosis*, n. sp. (Pl. 45, fig. 3).

Cross rectangular. All four arms nearly isosceles, triangular, at their narrow base half as broad as at their truncated, concavely fluted, distal end. The posterior principal arm with twelve to thirteen joints, twice as long as the anterior arm, which has six to seven joints and is one and a half times as long as the two lateral arms (with four to five joints).

*Dimensions.*—Radius of the posterior arm 0·3, of the anterior 0·15, of the lateral arms 0·1; basal breadth 0·05, terminal breadth 0·1.

*Habitat.*—Mediterranean (Smyrna), surface, Haeckel.

4. *Hagiastrum mohammedis*, n. sp.

Cross with unequal angles, the anterior little smaller than the posterior. All four arms club-shaped, thorny, three times as broad at their globose distal end as at their narrow base, and furnished with ten to twelve conical spines. Posterior principal arm twice as long as the anterior, and four times as long as the rudimentary lateral arms.

*Dimensions.*—Radius of the posterior arm 0·4, of the anterior 0·2, of the lateral arms 0·1; basal breadth 0·02 to 0·03, distal breadth 0·06 to 0·1.

*Habitat.*—Philippine Sea, Samboangan, Station 200, surface.

5. *Hagiastrum christi*, n. sp.

Cross with unequal angles, the anterior somewhat smaller than the posterior. All four arms of similar form, lanceolate, in their middle twice as broad as at either obtuse end. The posterior