

beyond two, whereof the inner and larger is cylindrical, with a somewhat swollen, rough end, and attains, about two-thirds out on arm, a length of 1.3 mm. At the tip the lower scale takes on the form of a flattened compound hook, with four teeth curved on its edge. Colour in alcohol, very pale brown.

Station 170.—July 14, 1874; lat. 29° 55' S. and lat. 29° 45' S., long. 178° 14' W. and long. 178° 11' W.; 520 fathoms.

Species of *Astroschema* not herein described.

*Astroschema oligactes*, Ltk. (Pl. XLIV. figs. 1–5).

*Astroschema oligactes*, Vid. Meddel., p. 16, 1856; Addit. ad Hist. part 2, p. 155, pl. v. fig. 3; Duj. & Hupé, Hist. Nat. Zooph. Echin., 1862, p. 297; Lym., Ill. Cat. Mus. Comp. Zool., No. viii., part 2, p. 26.

*Asterias oligactes*, Pallas, Acad. Cæs. Leop. Nova Acta, vol. ii. p. 239, pl. vi. fig. 23.

West Indies; 69 to 288 fathoms.

*Astroschema arenosum*, Lym., Bull. Mus. Comp. Zool., vol. v., part 9, p. 235, pl. iii. figs. 62–64, 1878.

West Indies; 805 fathoms.

*Astroschema tenue*, Lym., Ill. Cat. Mus. Comp. Zool., No. viii., part 2, p. 26, 1875. Barbadoes; 100 fathoms.

*Astroschema læve*, Lym., Ill. Cat. Mus. Comp. Zool., No. viii., part 2, p. 26, 1875; Bull. Mus. Comp. Zool., vol. v., part 9, p. 236.

*Asteromorpha lævis*, Lym., Ann. Sci. Nat., p. 3, 1872.

Guadeloupe, West Indies.

*Astroschema steenstrupii*, Lym., Ill. Cat. Mus. Comp. Zool., No. viii., pt. 2, p. 26, 1875.

*Astroschema Rousseaui*, Michelin, Notes sur l'Île de la Réunion, Annex A, p. 6, 1863. (No proper description.)

*Asteromorpha Steenstrupii*, Ltk., Addit. ad Hist., part 3, p. 62, 1869; Lym., Ann. des Sci. Nat., p. 4, 1872.

Île de la Réunion.

*Astroschema sulcatum*, Ljn., Dr. Goës, Oph. Öf. Kong. Akad., p. 637, 1871; Lym., Ill. Cat. Mus. Comp. Zool., No. viii., part 2, p. 26.

Anguilla, West Indies; 200 to 320 fathoms.

*Astroschema intectum*, Lym., Bull. Mus. Comp. Zool., vol. v., part 9, p. 235, pl. iii. figs. 59–61, 1878.

Off Havana; 175 fathoms.