

4. *Asterina pectinifera* (Müller and Troschel), v. Martens.

*Asteriscus pectinifer*, Müller and Troschel, 1842, System der Asteriden, p. 40.

*Asterina pectinifera*, v. Martens, 1865, Archiv f. Naturgesch., Jahrg. xxxi. Bd. i. p. 352.

*Locality*.—Yokohama. Depth 5 to 25 fathoms.

5. *Asterina folium* (Lütken), Agassiz.

*Asteriscus folium*, Lütken, 1860, Videnskab. Medd. naturh. Foren. i Kjøbenhavn for 1859, p. 60.

*Asterina folium*, A. Agassiz, 1877, Mem. Mus. Comp. Zool. Harvard, vol. v. No. I p. 106.

*Locality*.—Bermuda. Depth and conditions not recorded.

*Remarks*.—A single example was obtained at Bermuda, which I refer with some hesitation to Lütken's *Asterina folium*. The marginal contour appears to be more pentagonal, the interbrachial arcs being less indented; and the abactinal plates seem to me to be relatively larger and more convex in form.

*Asterina folium*, Lütken, is placed by Perrier<sup>1</sup> as a synonym under *Asterina minuta*, Gray. The example under notice differs altogether from the type specimens of *Asterina minuta*, Gray, which are preserved in spirit in the British Museum, and still bear their original label in Gray's handwriting. These examples do not appear to have been seen by Perrier. Under these circumstances I regard the *Asterina folium* of Lütken and the *Asterina minuta* of Gray as distinct species.

6. *Asterina cepheus* (Müller and Troschel), v. Martens.

*Asteriscus cepheus*, Müller and Troschel, 1842, System der Asteriden, p. 41.

*Asterina Burtonii*, Gray, 1840, Ann. and Mag. Nat. Hist., vol. vi. p. 289.

*Asterina cepheus*, v. Martens, 1866, Archiv f. Naturgesch., Jahrg. xxxii. Bd. i. p. 85.

*Locality*.—Samboangan, Philippine group. Depth 10 fathoms, on the reefs. A single example in a bad state of preservation.

7. *Asterina penicillaris* (Lamarck), v. Martens.

*Asterias penicillaris*, Lamarck, 1816, Hist. nat. anim. s. vert., t. ii. p. 555.

*Asteriscus penicillaris*, Müller and Troschel, 1842, System der Asteriden, p. 42.

*Asterina penicillaris*, v. Martens, 1866, Archiv f. Naturgesch., Jahrg. xxxii. Bd. i. p. 74.

*Locality*.—Kobé, Japan. Depth 8 to 50 fathoms.

<sup>1</sup> Révis. Stell. Mus., p. 309 (*Archives de Zool. exper.*, 1876, t. v. p. 229).