

Chorological Synopsis of the Species herein mentioned.

	Ocean.	Range in Fathoms.	Nature of the Sea-bottom.
<i>Pentaceros callimorphus</i> .	Eastern Archipelago.	6	Coral mud.
<i>Pentaceros dorsatus</i> .	Atlantic.
<i>Pentaceros productus</i> .	Eastern Archipelago.	10	Sand.
<i>Pentaceros turritus</i> .	Eastern Archipelago, Pacific and Indian.	} 6 to 28	Sand, Coral mud, Green mud.

1. *Pentaceros dorsatus* (Linné), Perrier.

Asterias dorsatus, Linné, 1753, Museum Tessinianum, p. 114, t. 9, fig. 2.

Asterias nodosa (pars), Linné, 1766, Systema Naturæ, ed. xii. p. 1100.

Oreaster clavatus, Müller and Troschel, 1842, System der Asteriden, p. 49.

Oreaster dorsatus, Lütken, 1865, Videnskab. Medd. naturh. Foren. i Kjøbenhavn, 1864, p. 161.

Pentaceros dorsatus, Perrier, 1876, Révis. Stell. Mus., p. 245 (Archives de Zool. expér., t. v. p. 61).

Locality.—Off Porto Praya, St. Jago (Cape Verde Islands).

Remarks.—One of the examples is remarkably fine, its dimensions being $R = 147$ mm. ; $r = 76$ mm.

2. *Pentaceros turritus*, Linck.

Pentaceros turritus, Linck, 1733, De Stellis marinis, p. 22, tab. ii. and iii. No. 3.

Asterias nodosa, Linné (*pars*), 1766, Systema Naturæ, ed. xii. p. 1100.

Pentaceros Franklinii, Gray, 1840, Ann. and Mag. Nat. Hist., vol. vi. p. 277; Synop. Spec. Starf. Brit. Mus., 1866, p. 6, pl. 10.

Oreaster turritus, Müller and Troschel, 1842, System der Asteriden, p. 47.

Pentaceros modestus, Gray, 1866, Synop. Spec. Starf. Brit. Mus., p. 6, pl. 9.

Localities.—Station 212. Off Malanipa Island (Philippine group). January 30, 1875. Lat. $6^{\circ} 54' 0''$ N., long. $122^{\circ} 18' 0''$ E. Depth 10 fathoms. Sand. Surface temperature $83^{\circ} 0$ Fahr.

Off Samboangan (Philippine group). January 29, 1875. Depth 10 fathoms.

Off Zebu (Philippine group). On the Reefs.

Station 187. Off Booby Island, Torres Strait. September 9, 1874. Lat. $10^{\circ} 36' 0''$ S., long. $141^{\circ} 55' 0''$ E. Depth 6 fathoms. Coral mud. Surface temperature $77^{\circ} 7$ Fahr.

Station 188. In the Arafura Sea, near the entrance to Torres Strait. September 10, 1874. Lat. $9^{\circ} 59' 0''$ S., long. $139^{\circ} 42' 0''$ E. Depth 28 fathoms. Green mud. Surface temperature $78^{\circ} 5$ Fahr.