

β. *Bathymetrical range*: 7 fathoms to 1325 fathoms.

All the species extend into the Abyssal zone, but none of them are exclusively confined to it.

Greatest range of one species: *Ctenodiscus procurator*, 40 to 1325 fathoms.

γ. *Nature of the Sea-bottom*: *Ctenodiscus corniculatus* is found on variable bottoms; but usually on mud and soft clay; occasionally hard and shelly. *Ctenodiscus australis* is found on sand, and on Green sand in 600 fathoms. *Ctenodiscus procurator* has only been found hitherto on Blue mud.

Charological Synopsis of the Species.

	Ocean.	Range in Fathoms.	Nature of the Sea-bottom.
<i>Ctenodiscus australis</i>	South Atlantic.	55 to 600	{ Sand; Green sand (600 fathoms).
<i>Ctenodiscus corniculatus</i>	North Atlantic.	7 to 632	{ Mud and Soft clay; hard occasionally.
<i>Ctenodiscus procurator</i>	South Pacific.	40 to 1325	Blue mud.

1. *Ctenodiscus corniculatus* (Linck), Perrier.

Astropecten corniculatus, Linck, 1733, De Stellis marinis, p. 27, tab. xxxvi, No. 63.

Asterias crispata, Retzius, 1805, Dissert. sist. species cognitae Asteriarum, p. 17.

Asterias polaris, Sabine, 1821, in Parry's Journ. of a Voyage for the Discovery of a N.W. Passage, &c., in 1819-20, Append., p. ccxxiii, pl. i. figs. 2, 3.

Asterias arancia, Dewhurst, 1834, Nat. Hist. of the Order Cetacea, &c., p. 283.

Astropecten polaris, Gray, 1840, Ann. and Mag. Nat. Hist., vol. vi. p. 180.

Ctenodiscus polaris, Müller and Troschel, 1842, System der Asteriden, pp. 76, 129.

Ctenodiscus pygmaeus, Müller and Troschel, 1842, System der Asteriden, pp. 76, 129.

Ctenodiscus crispatus, Düben and Koren, 1846, K. Vet.-Akad. Handl., 1844, p. 253.

Anodiscus crispatus († Val. M.S.), Perrier, 1869, Ann. Sci. Nat., 5e Sér., t. xii. p. 298.

Ctenodiscus corniculatus, Perrier, 1876, Révis. Stell. Mus., p. 380 (Arch. de Zool. expér., t. v. p. 300).

Localities.—"Porcupine" Expedition:

Station 82. In the Faerøe Channel. Lat. 60° 0' 0" N., long. 5° 13' 0" W. Depth 312 fathoms. Bottom temperature 5°·2 C.; surface temperature 11°·2 C.

Station 57.¹ In the Faerøe Channel. Lat. 60° 14' 0" N.; long. 6° 17' 0" W. Depth 632 fathoms. Bottom temperature -0°·8 C.; surface temperature 11°·1 C.

Station 58.¹ In the Faerøe Channel. Lat. 60° 21' 0" N., long. 6° 51' 0" W. Depth 540 fathoms. Bottom temperature -0°·6 C.; surface temperature 10°·6 C.

¹ This occurrence is recorded in Sir Wyville Thomson's Depths of the Sea, but I have not seen a specimen.