

teres. Of these only one species, *Pontaster tenuispinus*, with its variety *platynota*, extends into the Abyssal zone.

Seven species are found in the Abyssal zone, viz., *Pontaster forcipatus* and its variety *echinata*, *Pontaster mimicus*, *Pontaster pristinus*, *Pontaster subtuberculatus*, *Pontaster tenuispinus* and its var. *platynota*, *Pontaster trullipes*, and *Pontaster venustus*. Four of these are found in depths greater than 1000 fathoms, viz., *Pontaster forcipatus* and its variety *echinata*, *Pontaster pristinus*, *Pontaster trullipes*, and *Pontaster venustus*.

Greatest range of one species : *Pontaster venustus*, 900 to 2025 fathoms.

γ. *Nature of the Sea-bottom* : Five species, viz., *Pontaster forcipatus*, *Pontaster planeta*, *Pontaster pristinus*, *Pontaster teres*, and *Pontaster trullipes*, are found on Blue mud only, excepting the variety *echinata* of *Pontaster forcipatus*, which is found on Globigerina ooze. *Pontaster venustus* is found on Globigerina ooze and Pteropod ooze. Three species are found on Green mud only, viz., *Pontaster mimicus*, *Pontaster oxyacanthus*, and *Pontaster subtuberculatus*. *Pontaster tenuispinus* and *Pontaster limbatus*, in the Continental zone, occur on various bottoms. *Pontaster hebitus* on gravel and stones.

Chorological Synopsis of the Species.

	Ocean.	Range in fathoms.	Nature of the Sea-bottom.
<i>Pontaster forcipatus</i>	Atlantic.	1240 to 1700	Blue mud.
<i>Pontaster forcipatus</i> , var. <i>echinata</i>	Southern Ocean.	1375	Globigerina ooze.
<i>Pontaster hebitus</i>	Atlantic.	85	Gravel, stones.
<i>Pontaster limbatus</i>	Atlantic.	100 to 440
<i>Pontaster mimicus</i>	Eastern Archipelago.	800	Green mud.
<i>Pontaster oxyacanthus</i>	Pacific.	345	Green mud.
<i>Pontaster planeta</i>	Pacific.	245	Blue mud.
<i>Pontaster pristinus</i>	Atlantic.	2650	Blue mud.
<i>Pontaster subtuberculatus</i>	Pacific.	950	Green mud.
<i>Pontaster tenuispinus</i>	Atlantic.	70 to 778 ¹
<i>Pontaster tenuispinus</i> , var. <i>platynota</i>	Atlantic.	100 to 608
<i>Pontaster teres</i>	Eastern Archipelago.	140	Blue mud.
<i>Pontaster trullipes</i>	Pacific.	1050	Blue mud.
<i>Pontaster venustus</i>	Atlantic.	900 to 2025	{ Pteropod ooze (900 fathoms). Globigerina ooze (2025 fathoms).
<i>Pontaster venustus</i> , var. <i>robusta</i>	Atlantic.

¹ These two limits are given on the authority of Danielssen and Koren. Den Norske Nordhavs-Expedition, Zoologi. xi. Asteroidea, Christiania, 1864.