

Chorology of the Genus *Psilaster*.

## a. Geographical distribution:—

ATLANTIC: Four species between the parallels of 75° N. and 40° S.

*Psilaster andromeda*, off the Scandinavian coasts, and off the British Islands, extending to the Bay of Biscay. *Psilaster cassiope* and *Psilaster patagiatus*, off the Cape Verde Islands. *Psilaster acuminatus* occurs in the extreme South Atlantic, in Simon's Bay, Cape of Good Hope.

PACIFIC: Two species between the parallels of 40° N. and 50° S.

*Psilaster gracilis*, off Japan. *Psilaster acuminatus*, off Australia and New Zealand.

## β. Bathymetrical range: Shallow water to 1875 fathoms.

Four species, viz., *Psilaster cassiope*, *Psilaster patagiatus*, *Psilaster andromeda*, and *Psilaster acuminatus* are found in the Littoral zone; and the two last named pass through the Continental zone and extend into the Abyssal zone. *Psilaster gracilis* is confined to the Abyssal zone.

Greatest range of one species: *Psilaster acuminatus*, shallow water to 950 fathoms.

γ. Nature of the Sea-bottom: Two species, *Psilaster acuminatus* and *Psilaster gracilis*, are found on Blue mud, the former also occurring on Green mud in 950 fathoms. *Psilaster andromeda* inhabits a clay bottom, sometimes sandy.

## Chorological Synopsis of the Species.

	Ocean.	Range in Fathoms.	Nature of the Sea-bottom.
<i>Psilaster acuminatus</i>	} South Atlantic. South Pacific.	Shallow.	{ Green mud (950 fathoms). Blue mud (150 fathoms). Clay, sometimes sandy.
<i>Psilaster andromeda</i>		150 to 950	
<i>Psilaster cassiope</i>	North Atlantic.	40 to 690	Clay, sometimes sandy.
<i>Psilaster gracilis</i>	Atlantic.	...	Blue mud.
<i>Psilaster patagiatus</i>	Pacific.	1875	Blue mud.
	Atlantic.	...	Blue mud.