

*Chorology of the Genus Acanthaster.*

a. *Geographical distribution* :—

INDIAN OCEAN : One (or perhaps two) species between the parallels of 30° N. and 30° S.

\**Acanthaster echinites* and *Acanthaster mauritiensis* from Mauritius, the former also from the Red Sea, and extending into the Eastern Archipelago and the Pacific.

EASTERN ARCHIPELAGO : One species between the parallels of 20° N. and 20° S.

\**Acanthaster echinites*, from the Philippine Islands, the Moluccas, and other islands in the archipelago, and extending into the Indian Ocean and the Pacific.

PACIFIC : Three (?) species between the parallels of 30° N. and 55° S.

\**Acanthaster echinites*, from the Fiji Islands, and extending into the Eastern Archipelago and Indian Ocean. *Acanthaster ellisii*, from the Galapagos Islands and coast of California; also from New Hanover and New Britain (*vide* Studer). *Acanthaster solaris*, from the Strait of Magellan.

β. *Bathymetrical range* : Confined to the Littoral zone so far as at present known.

γ. *Nature of the Sea-bottom* : Recorded in very few cases; *Acanthaster echinites* inhabits coral reefs.

The species collected by the Challenger is indicated by an asterisk in the above list.

*Chorological Synopsis of the Species herein mentioned.*

	Ocean.	Range in Fathoms.	Nature of the Sea-bottom.
<i>Acanthaster echinites</i>	{ Indian, Pacific, and Eastern Archipelago. }	Shallow water.	Coral reefs.

1. *Acanthaster echinites* (Ellis and Solander), Lütken.

*Asterias echinites*, Ellis and Solander, 1786, Nat. Hist. Zooph., tab. lx, lxi, lxii.

*Stellonia echinites*, Agassiz, 1835, Mém. Soc. Sci. Nat. Neuchatel, t. i. p. 192.

*Echinaster Ellisii* (1 pars), Gray, 1840, Ann. and Mag. Nat. Hist., vol. vi. p. 281.

*Acanthaster echinus*, Gervais, 1841, Dict. Sci. Nat., suppl., t. i. p. 474.

*Echinaster solaris*, Müller and Troschel, 1842, System der Asteriden, p. 25.

*Acanthaster echinites*, Lütken, 1871, Videnskab. Medd. naturh. Foren. i Kjøbenhavn, p. 292.