

seems to me rather doubtful) is from Amboina and the Moluccas and extending into the Indian Ocean. *Asterina gibbosa* is reputed to occur in the Eastern Archipelago, but probably *Asterina cepheus* is the species intended.

PACIFIC: Fifteen or sixteen species between the parallels of 60° N. and 50° S.

**Asterina pectinifera* and **Asterina penicillaris*, from Japan. *Asterina calcar*, **Asterina exigua*, **Asterina gunnii*, **Asterina regularis*, and **Asterina penicillaris*, from Australia. *Asterina exigua* and *Asterina penicillaris* extend into the Eastern Archipelago and Indian Ocean, the former reaching the Atlantic at the Cape of Good Hope. *Asterina gunnii* is also found off Tasmania and extends to the Cape of Good Hope. *Asterina regularis* is also found off New Zealand. *Asterina novæ-zealandiæ* off New Zealand. *Asterina cepheus* off New Caledonia, and extending into the Eastern Archipelago and Indian Ocean. *Asterina calcarata*, *Asterina gayi*, *Asterina pusilla*, and *Asterina chilensis*, off the coast of Chili, the last-mentioned also off Peru. *Asterina obtusa* and *Asterina modesta* from Panama, the latter also from the Pearl Islands. *Asterina granulosa* from the Sandwich Islands. *Asterina miniata* from California and extending as far northward as the Island of Sitka.

β. *Bathymetrical range*: Shallow water; all the species so far as known to me are confined to the Littoral zone. The greatest depth is attained by *Asterina lymani*, which is found in 120 to 140 fathoms.

γ. *Nature of the Sea-bottom*: Recorded in very few instances. Probably always more or less hard. Usually rocks and stones.

Chorological Synopsis of the Species herein mentioned.

	Ocean.	Range in Fathoms.	Nature of the Sea-bottom.
<i>Asterina cepheus</i>	{ Indian, Eastern Archipelago, and Pacific.	10	Coral reefs.
<i>Asterina exigua</i>	{ Atlantic, ¹ Indian, Eastern Archi- pelago, Pacific.	10	Coral reefs, &c.
<i>Asterina folium</i>	Atlantic.
<i>Asterina gunnii</i>	Pacific, Atlantic. ¹
<i>Asterina pectinifera</i>	Pacific.	5 to 25	...
<i>Asterina penicillaris</i>	{ Indian, Eastern Archipelago, and Pacific.	8 to 50	...
<i>Asterina regularis</i>	Pacific.	10	...

¹ At the Cape of Good Hope.