

determination seems doubtful; it is probably *Archaster typicus*.¹ The species, however, is stated by M. Perrier² to occur in the Philippine Islands.

Archaster typicus is found among the islands of the Eastern Archipelago, from the Philippine and Pelew Islands in the north, to New Guinea, the north coast of Australia and New Caledonia; and extends eastward to the Fiji and Tonga Islands. In the west it is found in the neighbourhood of the Nicobar Islands. In the Berlin Museum there are specimens reputed to be from Japan;³ but I am not aware of authenticated examples from this locality.

β. *Bathymetrical range*: Shallow water to 250 fathoms.

Greatest range of one species: *Archaster typicus*, shallow water to 250 fathoms.

γ. *Nature of the Sea-bottom*: *Archaster typicus* occurs in shallow water on the coral reefs at the Fiji and Philippine Islands, and on Green mud in 250 fathoms off the Philippine Islands. Information as to the nature of the habitat of *Archaster angulatus* is wanting. All the specimens that I am acquainted with are from shallow water.

Chorological Synopsis of the Species.

	Ocean.	Range in Fathoms.	Nature of the Sea-bottom.
<i>Archaster angulatus</i>	Indian Ocean.	Shallow water
<i>Archaster typicus</i>	S. Pacific.	{ Shallow water to 250 fathoms.	{ Coral reefs. Green mud (250 fathoms).

1. *Archaster typicus*, Müller and Troschel.

Archaster typicus, Müller and Troschel, 1840 (April), Monatsber. d. k. Akad. d. Wiss. Berlin, p. 104; System der Asteriden, p. 65.

Astropecten stellaris, Gray, 1840 (November), Ann. and Mag. Nat. Hist., vol. vi. p. 181.

Archaster nicobaricus, Möbius (n. sp., Berlin, M.S.), 1859, Neue Seesterne des Hamburger und Kieler Museums, p. 13 (Abhandl. u. d. Gebiete Naturw. hrg. v. d. naturwiss. Verein, Hamburg, Bd. iv., Abth. 2, 1860).

Localities.—Samboangan, Philippine Islands. Depth 10 fathoms.

On the reefs at Zebu, Philippine Islands.

¹ Dr. v. Martens remarks that this example seems scarcely distinguishable from *Archaster typicus*. (Ueb. ostasiatische Echinodermen, Archiv f. Naturg., Jahrg. xxxii., Bd. i. p. 87.)

² Nouv. Archives Mus. Hist. Nat., 2e Série, 1884, t. vi. pp. 57, 88.

³ These specimens are mentioned by von Martens, who also states: 'Mir ist er in Japan nicht vorgekommen,' (Archiv f. Naturg., Jahrg. xxxi., Bd. i. p. 353).