

7. *Nature of the Sea-bottom*: *Stellaster incei* was collected by the Challenger on Coral mud, Green mud, and Blue mud, all in shallow depths (from 6 to 28 fathoms), thus showing a considerable variation in habitat. A large series of specimens of *Stellaster incei* in the British Museum, dredged by the "Alert," are from depths varying from 4 to 36 fathoms, the nature of the bottom being recorded as sand and mud. *Stellaster princeps* was collected on Coral mud. The nature of the bottom is unknown to me in the case of the other species of this genus.

Chorological Synopsis of the Species.

	Ocean.	Range in Fathoms.	Nature of the Sea-bottom.
<i>Stellaster equestris</i> . . .	{ Pacific and Eastern Archipelago.
<i>Stellaster granulosus</i> . . .		Eastern Archipelago.	...
<i>Stellaster incei</i> . . .	Eastern Archipelago.	4 to 36	{ Coral mud, Green mud, Blue mud.
<i>Stellaster princeps</i> . . .	Eastern Archipelago.	6	Coral mud.
<i>Stellaster squamulosus</i> . . .	Eastern Archipelago.	60
<i>Stellaster tuberculatus</i> . . .	Pacific.

1. *Stellaster incei*, Gray.

Stellaster incei, Gray, 1847, Proc. Zool. Soc. Lond., Part xv. p. 76.

Stellaster belcheri, Gray, 1847, Proc. Zool. Soc. Lond., Part xv., p. 76.

Stellaster gracilis, Mobius, 1859, Neue Seesterne des Hamburger und Kieler Museums, p. 12, Taf. iv. figs. 3 and 4 (Abhandl. a. d. Gebiete Naturw. hrag. v. d. naturwiss. Verein, Hamburg, Bd. iv. Abth. 2, 1860).

Localities.—Station 186. In Torres Strait, off Cape York. September 8, 1874. Lat. 10° 30' 0" S., long. 142° 18' 0" E. Depth 8 fathoms. Coral mud. Surface temperature 77°·2 Fahr.

Station 187. Booby Island, Torres Strait. September 9, 1874. Lat. 10° 36' 0" S., long. 141° 55' 0" E. Depth 6 fathoms. Coral mud. Surface temperature 77°·7 Fahr.

Station 188. In the Arafura Sea, near the entrance to Torres Strait. September 10, 1874. Lat. 9° 59' 0" S., long. 139° 42' 0" E. Depth 28 fathoms. Green mud. Surface temperature 78°·5 Fahr.

Station 208. Off the east point of Panay Island, Philippine group. January 17, 1875. Lat. 11° 37' 0" N., long. 123° 31' 0" E. Depth 18 fathoms. Blue mud. Surface temperature 81°·0 Fahr.

A fine series of specimens of a species of *Stellaster* was obtained by the Challenger from several localities in the Eastern Archipelago. The large specimens from Booby Island are