

Colour in alcohol, a dirty light purplish brown or ashy grey.

Locality.—Station 149H. Off Cumberland Bay, Kerguelen Island. January 29, 1874. Lat. 48° 45' 0" S., long. 69° 14' 0" E. Depth 127 fathoms. Volcanic mud. Surface temperature 39°·8 Fahr.

Remarks.—*Perknaster densus* is readily distinguished from its ally *Perknaster fuscus* by the general form, by the densely crowded spinulation, and by the character of the armature of the adambulacral plates.

Genus *Echinaster*, Müller and Troschel.

Echinaster (Llhuayd), Prælectio de Stellis marinis Oceani Britannici, 1703 (*et* Append. Linck, De Stellis marinis), p. 80 (name).

Stellonia (pars), Nardo, De Asteriis, Oken's Isis, 1834, p. 716.

Echinaster, Müller and Troschel, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, 1840 (April), p. 102.

Othilia, Gray, Ann. and Mag. Nat. Hist., 1840 (December), vol. vi. p. 281.

Rhopia, Gray, Ann. and Mag. Nat. Hist., 1840 (December), vol. vi. p. 282.

This well-known genus inhabits the tropical and warmer temperate seas of the globe, where several of the species are common forms and have been long recognised.

Chorology of the Genus Echinaster.

a. *Geographical distribution* :—

ATLANTIC: Eight species between the parallels of 75° N. and 30° S.

Echinaster scrobiculatus, off the coast of Finmark. *Echinaster sepositus*, from the Mediterranean, and off the coast of Brittany and Gascony. *Echinaster brasiliensis* and **Echinaster spinosus*, off the coast of Brazil, the latter extending northward to Virginia. *Echinaster sentus* and *Echinaster spinulosus*, off the coast of Florida. *Echinaster serpentarius*, from Vera Cruz. *Echinaster modestus*, from the West Indian area, off Montserrat, St. Vincent, and north of Havana.

INDIAN OCEAN: Three species between the parallels of 30° N. and 30° S.

Echinaster fallax, from the Red Sea, Zanzibar, and Querimba Island, and extending into the Eastern Archipelago and Pacific. *Echinaster gracilis*, from Madagascar. *Echinaster vestitus*, from Mayotte Island.

SOUTHERN OCEAN: One species between the parallels of 45° and 55° S.

**Echinaster spinulifer*, from Kerguelen Island.

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

Echinaster fallax, from Timor and the Philippine Islands, and extending into the Indian Ocean and into the Pacific.