

β . Rays, with no definitely defined lateral wall. Median line of abactinal spinelets zigzag. Intermediate spines may be wanting altogether, or may be rather numerous, but small. Rays shorter than in the preceding species *africana*.

Chorology of the Genus Asterias.

a. *Geographical distribution* :—

ATLANTIC: Forty-eight or forty-nine species, between the parallels of 82° N. and 40° S.

Asterias grænlandica, from Greenland and extending northward to Discovery Bay (lat. 81° 41' N.), from Assistance Bay, Labrador, and Grand Manan, and off the islands of Spitzbergen and Nova Zembla. *Asterias spitzbergensis*, *Asterias gunneri*, and *Asterias panopla*, from Spitzbergen, the latter extending to the Scandinavian coast and into the Kara Sea. *Asterias hyperborea* and *Asterias normani*, off Beeren Island. *Asterias linckii*, between Beeren Island and Spitzbergen, and extending to the north coast of Norway. *Asterias polaris*, from Greenland and Labrador. *Asterias vulgaris*, extending from Labrador to Cape Hatteras. **Asterias (Hydrasterias) ophidion*, south of Halifax, Nova Scotia. **Asterias brachiata*, *Asterias forbesi*, *Asterias littoralis*, *Asterias tenera*, **Asterias (Leptasterias) compta*, *Asterias lacazii*, *Asterias tanneri*, and *Asterias briarcus*, off the coast of the United States of North America. *Asterias linearis* and *Asterias angulosa*, from the Alligator Reefs off Florida. *Asterias contorta*, *Asterias fascicularis*, and *Asterias gracilis*, from the West Indian Islands. *Asterias mexicana*, from Vera Cruz. *Asterias hartii*, from Brazil. *Asterias atlantica*, from the Abrolhos reefs and Bermuda, and reported also from Cuba. (The distinction of this species from *Asterias tenuispina* seems doubtful.) *Asterias bellii*, off the eastern coast of Patagonia. *Asterias antarctica*, *Asterias alba*, *Asterias obtusispinosa*, *Asterias verrilli*, **Asterias glomerata*, and **Asterias cunninghami*, from the Strait of Magellan, the latter also from the Falkland Islands, and passing to Tom Bay, in the Pacific area of the Strait. *Asterias spirabilis*, from the Falkland Islands. *Asterias rugispina*, from Tierra del Fuego and Port Famine, Strait of Magellan. *Asterias georgiana* and *Asterias steineni*, from the Island of South Georgia.

Passing now to the northern area on the eastern side, *Asterias disticha*, from the Kanin Peninsula, White Sea. **Asterias (Stolas-*