

Adambulacral plates with an armature forming with that of the infero-marginal plates (and actinal intermediate plates if present) a transverse series of large, single, isolated spinelets, invested with membranous sacs. (Six are present in transverse series in the type form.)

Mouth-plates with a prominent median keel. Armature consisting of: (1.) A marginal series of six mouth-spines on each plate, the innermost one much larger than the others; all invested with membrane. (2.) On the actinal surface of the plate is one large secondary mouth-spine in a membranous sheath, placed immediately behind the large innermost marginal mouth-spine.

Madreporiform body very large and irregularly oval in outline, the margin being festooned. Surface grooved with numerous fine striations.

Ambulacral furrows wide. Tube-feet large and crowded, forming four rows; with a fleshy, button-like, terminal disk.

No pedicellariæ of any kind present.

*Remarks.*—This handsome and well-characterised form is undoubtedly allied in many points of structure to *Korethraster*. *Peribolaster* is, however, at once distinguished by the reticulate abactinal skeleton, by the cruciform plates composing it, by the sheathed fascicules of the abactinal plates, by the presence of papulæ on the abactinal surface, by the extraordinarily large madreporiform body, and by the quadruple series of ambulacral tube-feet.

#### *Chorology of the Genus Peribolaster.*

##### *a. Geographical distribution:—*

PACIFIC: One species between the parallels of 45° and 50° S.

*Peribolaster folliculatus*, off the west coast of Patagonia.

*β. Bathymetrical range:* 45 fathoms.

*γ. Nature of the Sea-bottom:* Green sand.

#### *Chorological Synopsis of the Species.*

	Ocean.	Range in Fathoms.	Nature of the Sea-bottom.
<i>Peribolaster folliculatus</i> . . .	Pacific.	45	Green sand.

1. *Peribolaster folliculatus*, n. sp. (Pl. LXXIII. figs. 4-7).

Rays five.  $R = 54$  mm.;  $r = 18$  mm.  $R = 3r$ . Breadth of a ray at the base, about 20 mm.; and midway between this and the extremity about 17.5 mm., measured outside the spinelets.