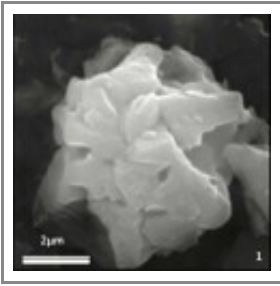
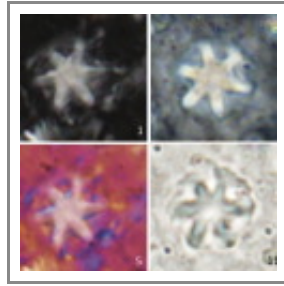


Olladiscoaster asterilithos



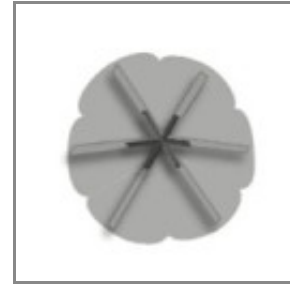
Varol & Bowman 2024
pl01_01.jpg



Varol & Bowman 2024
pl02 f01-12.jpg



Varol & Bowman 2024 fig
7-13.JPG



Varol & Bowman 2024 fig
7-14.JPG

Current identification:

Compiled data

Citation: *Olladiscoaster asterilithos* Varol & Bowman 2024

Taxonomic rank: species

Type specimens: Holotype: Plate 1, Figs. 1

Type age (chronostrat): Zones NN6, Middle Miocene

Standardised type level: 140_NEOGENE

Type locality: IODP Leg 354, Hole 1451B, Core 29R, Section 4W, 58-59 cm, Ninetyeast Ridge, Bengal Fan, Indian Ocean.

Type repository: Varol Research, Llandudno

Repository Country: Wales

Original Description

Circular species of *Olladiscoaster* have segments without arms. On the distal side, the distinct sutural ridges are created by the deep cavities. The sutural ridges are raised towards the centre and capped by boomerang-shaped distal covers. The distinct proximal ridges with a radiating proximal knob at the centre decorate the bulged proximal side.

Size:

Dimensions of holotype: Maximum diameter: 6.90 μm , Diameter of the proximal knob: 3.40 μm (measurements from SEM micrograph).

Etymology:

From the Greek asterilithos, the star shape of rock - refers to its radiating proximal knob.

Extra details from original publication

Remarks: *Olladiscoaster asterilithos* is the only species with a radiating proximal knob; thus, it differs from any other *Olladiscoaster*. *Olladiscoaster asterilithos* is further differentiated from the *Olladiscoaster molae* group by lacking quasi-arms and, as a result, not having a stellate outline.

Occurrence: This species is recorded from ODP Leg 154, Hole 926A Ceara Rise, Atlantic Ocean, IODP Leg 354, Hole 1451B, Ninetyeast Ridge, Bengal Fan, Indian Ocean and various commercial oil wells in the Gulf of Mexico

Stratigraphic range: Middle Miocene (Zones NN5-NN6)

References: ?

Varol, O. & Bowman, A. R. (2024). The new Middle Miocene genus *Olladiscoaster*, and related and associated discoasters. *Grzybowski Foundation Special Publication*. **28**: 1-102. [gs](#)



nannotax

Olladiscoaster asterilithos: Farinacci & Howe Catalog entry.
PDF copy made: 14-1-2025

Taxon Search:
