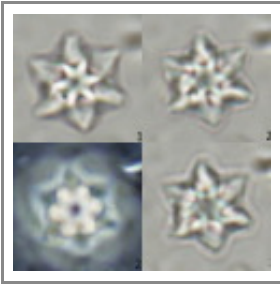
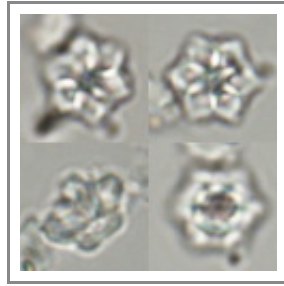


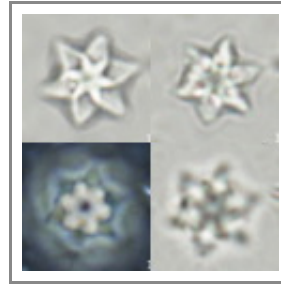
Olladiscoaster molae



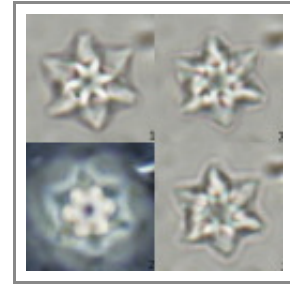
Varol & Bowman 2024
pl24 f13-24.jpg



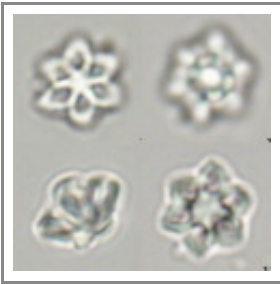
Varol & Bowman 2024
pl26 f01-20.jpg



Varol & Bowman 2024
pl27 f01-12.jpg



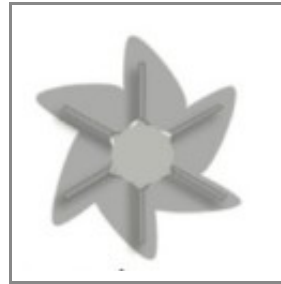
Varol & Bowman 2024
pl27 f13-24.jpg



Varol & Bowman 2024
pl25 f01-24.jpg



Varol & Bowman 2024 fig
8-09.JPG



Varol & Bowman 2024 fig
8-10.JPG

Current identification:

Compiled data

Citation: *Olladiscoaster molae* Varol & Bowman 2024

Taxonomic rank: species

Type specimens: Holotype: Plate 25, Figs. 1-24 (same specimen in mobile mount)

Type age (chronostrat): Zone NN6, Middle Miocene.

Type locality: USGS-NASA Langley core Hampton, VA, USA.

Type repository: Varol Research, Llandudno

Repository Country: Wales

Original Description

Hexagonal stellate species of *Olladiscoaster* have diamond-shaped segments with quasi-arms. The tips of the segments are often pointed. On the distal side, the distinct windmill-like sutural ridges are created by the deep cavities. The sutural ridges are raised towards the centre and capped by kiteshaped distal covers. The distinct proximal ridges with a petaloid knob decorate the bulged proximal side. At the side view, *Olladiscoaster molae* resembles a bouquet.

Size:

Dimensions of holotype: Maximum diameter: 6.79 μm , Maximum height: 4.67 μm ; Diameter of the central area: 4.30 μm , Diameter of the proximal knob: 3.20 μm , Height of the proximal knob: 1.25 μm , Length of the quasi-arm: 1.24 μm , (measurements from bright field micrograph).

Etymology:

From the Latin *molae*, mill - refers to its windmill-like appearance.

Extra details from original publication

Remarks: *Olladiscoaster molae* differs from all other *Olladiscoaster* species by its windmill-like

appearance.

Occurrence: This species is recorded from IODP Leg 354, Hole 1451B, Ninetyeast Ridge, Bengal Fan, Indian Ocean, USGS-NASA Langley core 134.4 m, Hampton, VA, USA 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 molae: Farinacci & Howe Catalog entry.
PDF copy made: 14-1-2025

Taxon Search: