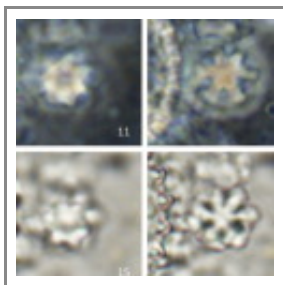
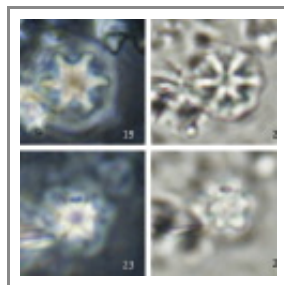


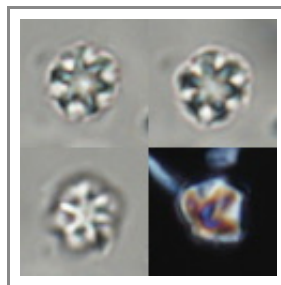
Olladiscoaster cruzii



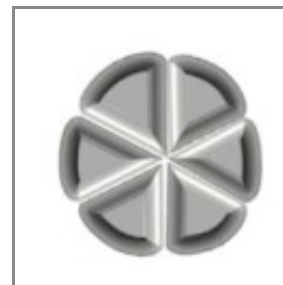
Varol & Bowman 2024
pl10 f09-16.jpg



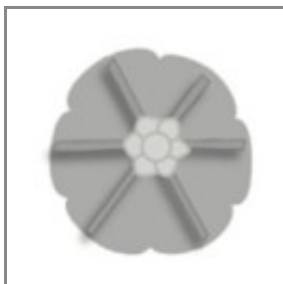
Varol & Bowman 2024
pl10 f17-24.jpg



Varol & Bowman 2024
pl10 f01-8.jpg



Varol & Bowman 2024 fig
7-09.JPG



Varol & Bowman 2024 fig
7-10.JPG

Current identification:

Compiled data

Citation: *Olladiscoaster cruzii* Varol & Bowman 2024

Taxonomic rank: species

Type specimens: Holotype: Plate 10, Figs. 1-8 (same specimen in mobile mount).

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

Type locality: IODP Leg 354, Hole 1451B (Ninetyeast Ridge, 16 Bengal Fan), northern Indian Ocean, core 29, section 4, 58-59 cm.

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 petaloid knob decorate the bulged proximal side. At the side view, *Olladiscoaster cruzii* is characterised by a very low proximal knob and very high, gradually raised sutural ridges.

Size:

Dimensions of holotype: Maximum diameter: 5.12 μm , Maximum height: 4.24 μm ; Diameter of the proximal knob: 1.86 μm , Height of the proximal knob: 0.55 μm (measurements from cross-polarised micrograph).

Etymology:

In honour of Dr Jarret Cruz, nanofossil specialist, Bugware Inc., Tallahassee, Florida, USA.

Extra details from original publication

Remarks: The circular shape *Olladiscoaster cruzii* is differentiated from other armless *Olladiscoaster* with a boomerang shape distal cover, such as *Olladiscoaster catinatus*, *Olladiscoaster asterilithos* and *Olladiscoaster asterilithos* by having a petaloid proximal knob. *Olladiscoaster catinatus* and *Olladiscoaster exagonikoasteri* lack proximal knobs, whereas *Olladiscoaster asterilithos* has a radiating proximal knob. Moreover, *Olladiscoaster exagonikoasteri* has a hexagonal shape outline.

Occurrence: This species is recorded from ODP Leg 154, Hole 926A Cear? Rise, Atlantic Ocean, 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 cruzii: Farinacci & Howe Catalog entry.

PDF copy made: 14-1-2025

Taxon Search: