**Discoaster quadramus** **BuKRY, 1973**


1967 *Discoaster pentaradiatus* TAN, Takayama, ibidem, vol. 110, p. 194 (partim) pl. 7, fig. 4.


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Figs. 5-6 — *Discoaster quadramus* n. sp., x 2000. 5) Holotype, USNM 188513, DSDP 219-6-3, 110-111 cm (cross-polarized). 6) Bright-field.

**Description:**

*Discoaster quadramus*, a four-rayed species, has ray-tip bifurcations that are broadly rounded. The rays may make angles of 90 degrees or 60 degrees and 120 degrees. Like *Discoaster pentaradiatus*, both forms show faint birefringence in cross-polarized light in plan view. The small central area has a faint four-sided knob.

Size: 10-20 microns.

**Remarks:**

*Discoaster quadramus* is distinguished from *D. tamalis* and *D. blackstockae* by its bifurcate ray tips or faint cross-polarized light image, from *D. pentaradiatus* by its lack of pentameral symmetry.

**Type level:**

Pliocene.

Occurrence: This rare species has been reported in the Pliocene of Castell Arquato, Italy (Stradner and Papp, 1961; Takayama, 1967), Philippine Sea Core V21-98 (Takayama, 1969) and in the Pliocene of the Laccadive-Chagos Ridge (DSDP 219). It is missing in the Pliocene samples of DSDP Leg 20.

**Farinacci 1976 - IX/99**
Type locality:
Laccadive-Chagos Ridge (DSDP 219-6-5, 110-111 cm).

 Depository:
United States National Museum.
Holotype: USNM 188513 figures 5-6).

Author:
Bukry D., 1973, p. 307; pl. 1, figs. 5, 6.

Reference: