

Teichorhabdus ethmos WIND & WISE, 1976

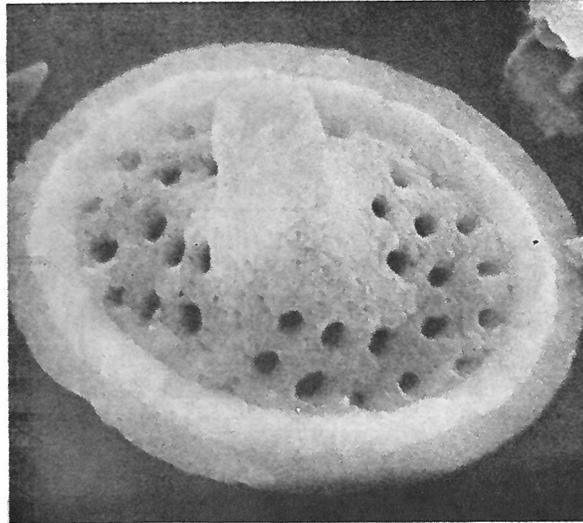


Fig. 6 — *Teichorhabdus ethmos* n. gen., n. sp., holotype
USNM 239523. Sample 327A-10-3, 14 μm , \times 5100.

Description:

Diagnosis: Forms with a narrow radial outer rim cycle and a massive blocky inner cycle of crystals which serves as the point of attachment for a large granular cribrate central area dominated by a large hollow spine.

Description: Large specimens consisting of a two-level rim and arched granular cribrate central area. The thin outer rim is constructed of approximately 50 thin, radial, slightly imbricate elements. A tall (approximately 1.0 μm high) wall of crystals is situated between the thin rim elements and the central area proper. The crystals form a level or slightly inwardly sloping surface approximately 1 μm wide. The central area is constructed of small granular crystals which form a wide, high, hollow stem around which are situated approximately 30 to 35 round holes. The central area proper represents 55% of the distal area of the holotype. Central area perforations appear to be randomly distributed, but are not present on a narrow band aligned parallel to the short axis of the specimen. The crystalline inner wall is bright in both phase-contrast illumination and polarized light.

Size: Holotype-maximum dimension 16.0 μm .

Remarks:

The species name is Greek, meaning a sieve, strainer. *Teichorhabdus ethmos*

differs from *Dodekapodorhabdus noelli* in having a central area marked by more than 12 perforations. The holotype of *D. noelli* has a maximum length of approximately 18.0 μm . The specimen of *D. noelli* from Site 327A (Plate 44, Figure 4) has a maximum length of 11.6 μm .

Type level:

Maastrichtian.

Type locality:

Falkland Plateau, DSDP Leg 36, Sample 327A-10-3, 14 cm.

Depository:

U.S. National Museum, Washington D.C.
Holotype: USNM 239523.

Author:

Wise S. W. and Wind F. H., 1976, p. 306; pl. 44, fig. 6.

Reference:

Mesozoic and Cenozoic calcareous nannofossils recovered by DSDP Leg 36 drilling on the Falkland Plateau, southwest Atlantic sector of the southern ocean. Initial Reports of the Deep Sea Drilling Project, vol. 36, pp. 269-491, 89 pls., 3 figs., 7 tbs.