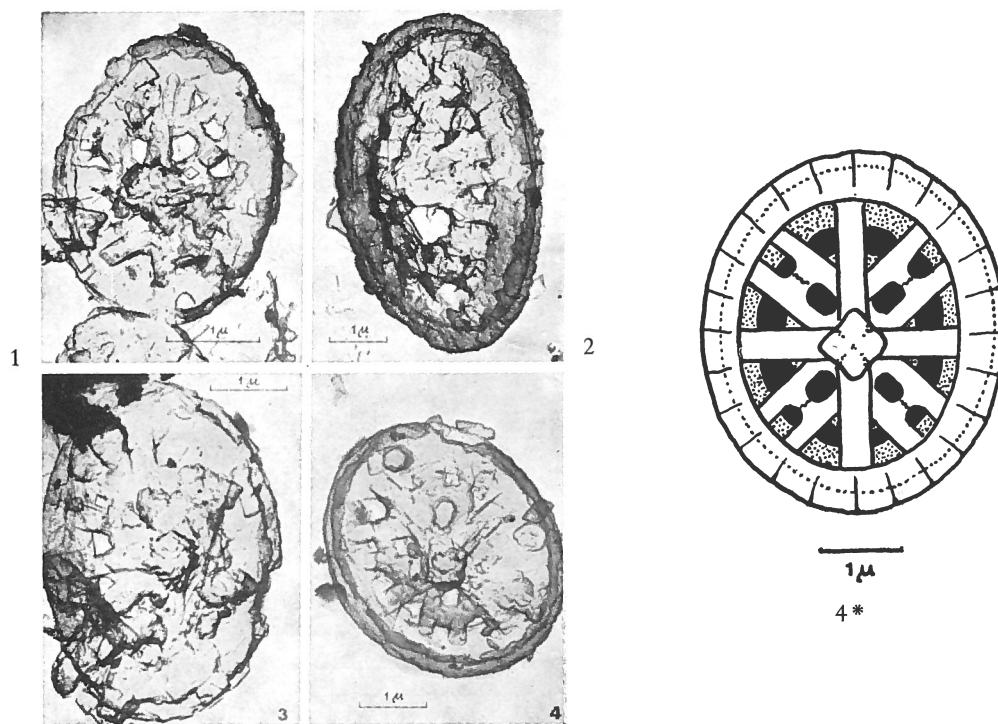


**Polypodorhabdus pienaari** SHAFIK & STRADNER, 1971

1969 *Cretarhabdus decorus* (DEFLANDRE); Pienaar, p. 92, pl. 8, fig. 8, Paleontologia Africana, vol. 12.  
non 1954 *Rhabdolithus decorus* DEFLANDRE, in Deflandre & Fert, p. 45, pl. 13, figs. 4-6, text fig. 87, Ann. Paleont., vol. 40.  
non 1964 *Cretarhabdus decorus* (DEFLANDRE); Bramlette & Martini, p. 300, pl. 3, figs. 9-12. Micropaleontology, vol. 10.



Figs. 1-4, 4\* — *Polypodorhabdus pienaari* n. sp. 1) Distal view; 2) Oblique distal view; 3) Distal view; 4) Distal view of holotype. 4\*) Schematized drawing of distal side; magnification appr. x 11,000. Gebel Tarbaouli, Egypt.

**Description:**

Elliptical coccoliths with bilamellar rim and a wide central area spanned by a complicated symmetric structure, which according to Pienaar, is described as follows: « Two parallel bars originate halfway down the longitudinal and transverse arms of the cross and are attached to the distal shield. From each of these bars two further bars develop opposite each other. These small bars fuse resulting in 4 pores in each quadrant ».

The central stalk was not found to be hollow, but compact and quadrangular in cross-section.

**Remarks:**

*Polypodorhabdus pienaar* does not have a hollow stem as indicated by microphotographs showing *C. decorus* in side view (see Deflandre, Bramlette and Martini, and Pienaar, pl. 11, fig. 8). All available electronmicrographs give evidence of a compact stalk. Therefore a distinction from *Cretarhabdus decorus* seems justified.

**Type level:**

Upper Maastrichtian.

**Type locality:**

Gebel Tarbouli, Egypt, Stat. Nr. 6.

**Depository:**

ELMI laboratory, Geological Survey of Austria, Vienna. Holotype: EM no. 1395; paratypes: EM no. 1119, 1467.

**Author:**

Shafik S. and Stradner H., 1971, p. 86; pl. 14, figs. 1-4, text-fig. 4.

**Reference:**

Nannofossils from the Eastern Desert, Egypt. Jb. Geol. B.A., vol. 17, pp. 69-104, 50 pls., 7 text-figs.