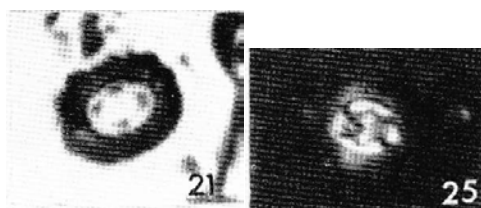


26. *Deflandrius quadripunctatus* (Górka, 1957) Reinhardt & Górka (1967) emend.
Reinhardt & Górka (1967)



Pl. 31, figs 21, 25

Figs. 21, 25. *Deflandrius quadripunctatus* (Górka, 1957) n. comb., 3000X, fig. 21, holotype, plan view, phase contrast, CO 20, Męcierz (10,3/99,5), fig. 25, long axis 0° to x-nico1s, CO 22, Kazimierz 1 (13,5/99,7).



Pl. 32, fig. 3

Fig. 3. *Deflandrius quadripunctatus* (Górka, 1957) n. comb., basal view, electron microscope photograph, Męcierz, 12 000 X, no. 105/3.

1957 *Tremalithus quadripunctatus* GÓRKA, Coccolithophoridae, p. 246, 270, pl. 1, fig. 14.

Lectotypus: Pl. 31, fig. 21.

Locus typicus: Męcierz.

Stratum typicum: Upper Maestrichtian.

Light microscope description: Elliptical coccoliths with two wide rims of 16 keystone-shaped elements and a narrow central pore, spanned by crossbars, extending across the short and the long axes of the ellipse. Length of the distal rim 4-6 μm . Length of the central pore 1.5 μm .

Electron microscope description: The keystone-shaped elements of the rims have radial sutures. The distal rim is by 5% larger than the basal one. The outer edge is scalloped, the inner edge of the rims is smooth.

Comparison: *Deflandrius quadripunctatus* is distinct by its narrow central area with 4 small pores and its wide rims.

Distribution: Upper Maestrichtian of Kazimierz, Męcierz and Góra Puławska.

Reinhardt, P. & Górka, H., 1967. Revision of some Upper Cretaceous Coccoliths from Poland and Germany. *N. Jb. Geol. Paläont. Abh.*, **129(3)**: 240-256.