

Pickelhaube APPLEGATE, COVINGTON & WISE, 1987

Description:

Helmet-shaped nannofossils with a widely expanded and delicate proximal shield composed of wide, nonimbricate elements that yield an extinction figure reminiscent of the Tertiary genus *Reticulofenestra*. A smaller but distinct distal rim is brighter in polarized light than the flaring proximal shield, and may support a central, multilath cross surmounted by a spine. Each central area quadrant is filled by a grill work of narrow, parallel laths oriented 45° to the major axis.

Remarks:

The name is adopted directly from the German, meaning « spiked helmet ». Forms complete with central area cross and spine resemble the military helmets worn by the German emperors and their officers (1871-1918).

Type species:

Cruciplacolithus furtivus ROTH, 1983.

Author:

Applegate J. L., Covington J.M. & Wise S.W., 1987, p. 631.

Reference:

Calcareous nannofossil biostratigraphy of a Lower Cretaceous deep-sea fan complex: Deep Sea Drilling Project Leg 93 site 603, lower continental rise off Cape Hatteras. Init. Repts. DSDP, vol. 93, pp. 617-660, 23 pls., 5 text-figs.