Ceratolithina cruxii Perch-Nielsen, 1988

Description:

Diagnosis: Calcareous nannofossil with a straight to very slightly curved horn and one or several lateral blade(s).

Description: The straight to slightly curved rod has one to several blades. The form of the blades varies greatly from sickle-like to sail-shaped. The rod is yellow when oriented at $0^\circ$ to the crossed nicols, while the thin blade only reaches grey.

Derivation of name: After J.A. Crux, nannofossil specialist with BP.

Remarks:

This form is tentatively assigned to Ceratolithina, since it occurs with and just below C. hamata in the Middle Albian at Copt Point and may be the ancestor of that species. Moreover, there is no better suited published genus available. It is unlikely that C. cruxii is related to the genus Lithraphidites which has a cruciform cross-section.

Type level:

Middle Albian; niobe ammonite Zone; NLK 4B, Watznaueria barnesae Subzone.

Occurrence: Beds I-IX at Copt Point; Middle Albian NLK 4B Subzone.

Type locality:

Copt Point, Folkestone, SE England; Bed VII.

Depository:

Copt Point 12, 12, 8.
Holotype: Pl. 1, Fig. 5.

Author:

Perch-Nielsen K., 1988, p. 30; pl. 1, figs. 5-7.

Reference:


Farinacci 1989 - XIII/28