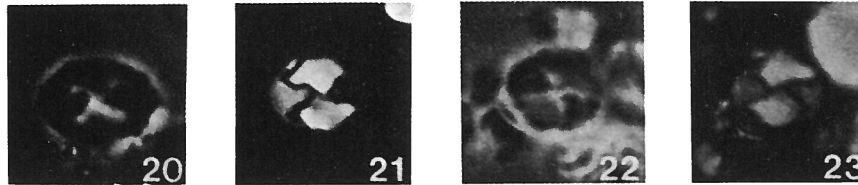


Phanulithus anfractus JAKUBOWSKI, 1986



Figs. 20-23 - *Phanulithus anfractus* nov. sp.
20-21) Holotype, MJ/04/85/30-31; (20) phase contrast, (21) cross-polarized light, $\times 2400$;
Sample Texaco 15/16-5, 11420. 22-23) Paratype, MJ/01/85/11-12; (22) phase contrast,
(23) cross-polarized light, $\times 2400$; Sample Sun Oil 20/7-A1, 6200.

Description:

An elliptical coccolith constructed of four segments in different crystallographic orientation exhibiting a moderately high birefringence. A short, shallow, S-shaped suture separates the 2 segments which lie about the short axis. The two remaining segments, which are positioned at the ends of the ellipse, are separated from those on the short axis by deeply incised, zigzag sutures.

Remarks:

Phanulithus anfractus differs from all previously described species of *Phanulithus* by possessing curved and zigzag sutures.

Type level:

Phanulithus anfractus Zone, upper Albian to lower Cenomanian.
Range: Upper Albian to lower Cenomanian.

Type locality:

Moray Firth Basin, North Sea.

Depository:

Robertson Research (Llandudno).
Holotype: Neg. no. MJ/04/85/30-31; plate 1, figs. 20-21.
Paratype: Neg. no. MJ/01/85/11-12; plate 1, figs. 22-23.

Author:

Jakubowski M., 1986, p. 41; pl. 1, figs. 20-23.

Reference:

New calcareous nannofossil taxa from the Lower Cretaceous of the North Sea. INA newsl., vol. 8, no. 1, pp. 38-42, 1 pl.