Coccolithus iugus HAQ, 1969

Description:

Diagnosis: Oval to subcircular coccoliths with large central opening surrounded on the distal side by a ring of flat irregular crystals which extend on the proximal side to form a ridge-like narrow proximal shield. Larger diameter of the coccolith from 8 to 13 μ, larger diameter of the central opening from 2.5-4.5 μ.

Description: The distal shield consists of a large number of rectangular crystals imbricated dextrally. The inside of the shield around the oval central opening is lined by a ring of flat inward sloping crystals joined together along irregular outlines. The proximal shield is a ridge-like structure formed by the continuation of the crystals of the inner ring of the distal shield, downwards to the proximal side.

Remarks:

The distal view of this species shows a similarity to the distal view of Ericsonia ovalis BLACK, 1964. The proximal sides, however, are distinctly different.

Type level:

Eocene.
Type locality:
Tertiary core in the Central Pacific Ocean.

Depository:

Author:

Reference:
The structure of Eocene coccoliths and discoasters from a Tertiary deep-sea core in the Central Pacific. Stockholm Contributions in Geology, vol. 21, no 1, pp. 1-19, pls. 1-5, 4 text-figs.