Braarudosphaera stenorhetha

Hill, 1976

Description:

This species is composed of 5 narrow, elongated quadrilateral elements so adjoined that the margin of the pentalith is in the form of a 5-rayed star. The segment edges which are exposed along the periphery of the pentalith are approximately twice the length of those which form the sutural boundaries between segments. The sides of the pentalith are deeply indented at the juncture of the radially oriented sutures and the margin so that the average supplementary angle of these indentations is 75 degrees. The surface of the pentalith is smooth.

Size: 5-10 μm.

Derivation of name: Stenos from the Greek meaning “narrow + rhethos from the Greek meaning “limb” or “arm”.

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Remarks:

This species differs from all others assignable to the genus *Braarudosphaera* by having very narrow, elongated arms.

Type level:

Upper Albian.

Occurrence: This species is present in the Duck Creek Formation, Denton Marl, and Pawpaw Shale.

Type locality:

Loc. No. 6267-b, Denton Marl; Grayson County, Texas.

Depository:

University of California, Los Angeles.
Holotype: UCLA 38279.
Isotype: UCLA 38280.

Author:

Hill M.E., 1976, p. 125; pl. 2, figs. 26-31; pl. 13, figs. 7-9.

Reference:

Lower Cretaceous Calcareous Nannofossils from Texas and Oklahoma. Palaeontographica Abt. B, vol. 156, no. 4-6, pp. 103-179, 15 pls., 5 texts-figs., 5 maps.