Braarudosphaera amputans

Description:

Diagnosis: A species of *Braarudosphaera* with pentagonal elements; peripheral tips of elements truncated tangentially.

Description: *Braarudosphaera amputans* has its pentaliths constructed of five pentagonal elements, that is, each of the five elements is an identical irregular pentagon. This pentagonal shape of the elements is achieved by truncation of the peripheral tip. Additionally, there is, in some specimens, a broad, shallow interelemental depression of the periphery so that the pentalith is actually a complex, 15-sided polygon.

Remarks:

This species is superficially most similar to *Braarudosphaera bigelowi*, but on close examination, its outline is quite distinctive because of the truncated tips of the elements and the broad depression of the periphery at the sutures.

Type level:

Early Danian.

Occurrence: This species comprises less than 1% of the assemblage reasonably consistently in the Kemp Clay at the Brazos River section (samples BR-1 to BR-29). It also occurs, although only sporadically, in the Kincaid Formation at that locality, but these latter occurrences may be redeposited.

Type locality:

Brazos River, Texas.

Depository:

Not given.
Author:

Jiang M.J. & Gartner S., 1986, p. 248; pl. 1, fig. 1.

Reference: