Thoracosphaera atlantica Haq & Lohmann, 1976

Description:
Spherical thoracosphaerid with an opening covered by a lid. The main body of the sphere pierced by numerous pores which are surrounded by minute helicoidly arranged crystals, so as to give each pore a crater-like appearance. Lid (Plate III, 11) constructed similarly, but with a ring of flat, larger, crystals reinforcing the outline on the proximal side. Average diameter of sphere 28-30 μm.

Remarks:
This species shows similarity to T. operculata Bramlette & Martin in possessing a lid or operculum. However, in the latter the wall structure is irregular and component calcite units have different orientation in adjacent units. In the species the wall is pierced by regularly arranged, distinct, crater-like pores. T. heimi (Lohmann) KAMPTNER could also be confused with the present species, but in T. heimi the wall is composed of angular units fitting in a mosaic pattern and pierced by pores in the middle.

Type level:
Paleocene.
Occurrence: Observed in Danian of Denmark, Jordan and Caucasus, in Paleocene of DSDP Site 119 and Eocene of Denmark.

Type locality:
DSDP Site 119, Cantabria Seamount, Bay of Biscay.
Depository:

Not given.
Holotype: fig. 12. Faxe 339.

Author:


Reference: