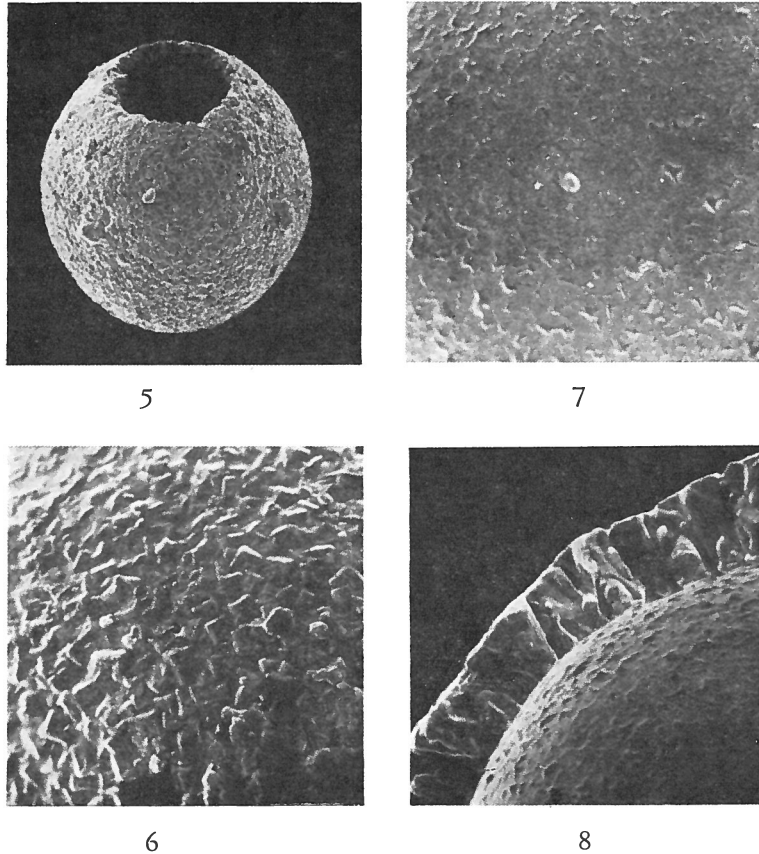


***Pithonella nonarenzae* BOLLI, 1974**



Figs. 5-8 — *Pithonella nonarenzae* n. sp. Sample 263-17, CC. 5) Side/apertural view of holotype, $\times 700$, C 29841. 6) Outer surface of paratype, $\times 2500$, C 29842. 7) Inner surface of paratype, $\times 2500$, C 29843. 8) Cross-section of paratype, $\times 2500$, C 29844.

Description:

Test spherical to slightly elongate to slightly irregular ovoid, consisting of one layer of about 4μ thickness. The outer surface consists of small, $1-2 \mu$ fairly regular and tightly arranged calcite crystals. Many crystal faces are well developed (Plate 2, Figure 6) but the surface remains fairly smooth to finally granular (Plate 10, Figures 9-11). In cores-section the elongate crystals appear with their long axis in more or less radial position (Plate 2, Figure 8). The inner surface is similar to the outer but smoother. Crystal faces are not recognizable. Present, however, are small, fairly regularly arranged interspaces (Plate 2, Figures 7, 8; Plate 10, Figure 12). Aperture more or less circular, fairly large (Plate 2, Figure 5; Plate 10, Figure 10) may also be absent (Plate 10, Figures 9, 11).

Dimensions of holotype: Diameter 54 , aperture 23μ .

Name: The species is named for Nona Killmar Renz, DSDP Leg 27 paleontologist; University of California, Los Angeles.

Remarks:

Lithology of type sample: Black, semilithified clay.

Type level:

Upper Albian (based on calcareous nannoplankton), Aptian or older (based on benthonic foraminifera), Barremian to upper Aptian or Lower Albian (based on dinoflagellates).

Type locality:

Sample 27263-17, CC. Eastern edge of Cuvier Abyssal Plain, Indian Ocean, 23°20'S, 110°58'E. Water depth 5065 meters, depth below sea bottom 394.5 meters.

Depository:

Museum of Natural History, Basle, Switzerland.

Author:

Bolli H. M., 1974, p. 853; pl. 2, figs. 5-8; pl. 10, figs. 9-12; pl. 21, fig. 5.

Reference:

39. Jurassic and Cretaceous Calcisphaerulidae from DSDP Leg 27, Eastern Indian Ocean. Initial Reports of the Deep Sea Drilling Project, vol. 27, pp. 843-907, 1 tab., 5 figs., pls. 1-24.