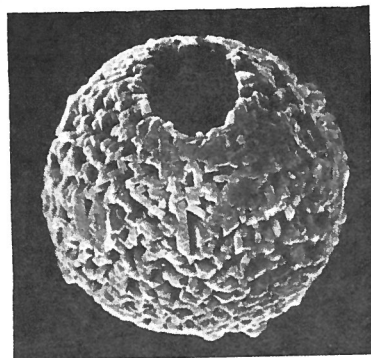
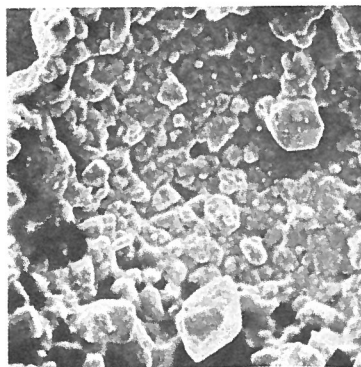


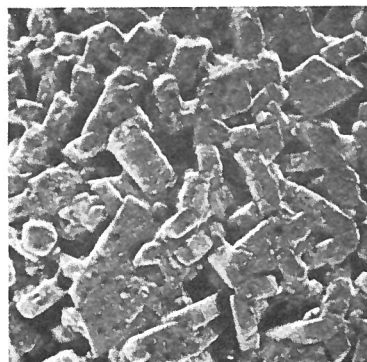
***Pithonella mcnighti* BOLLI, 1974**



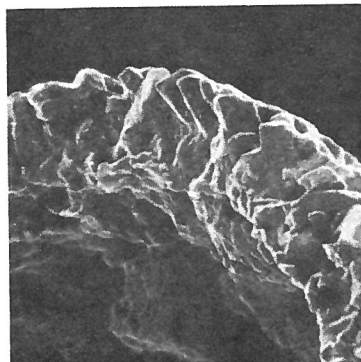
5



7



6



8

Figs. 5-8 — *Pithonella mcnighti* n. sp. Sample 261-31, CC.
5) Side/apertural view of holotype, $\times 800$, C 29814. 6) Outer surface of holotype, $\times 2500$, C 29814. 7) Inner surface of paratype, $\times 2500$, C 29815. 8) Cross section of paratype, $\times 2500$, C 29816.

Description:

Test spherical to very slightly irregular, formed by single layer of approximately 6μ thickness, consisting of fairly large, angular crystals. Their arrangement on outer surface fairly loose and irregular (Plate 1, Figure 6; Plate 8, Figure 1). Large faces of generally plate-shaped crystals perpendicular to surface (Plate 1, Figure 8). Compared with outer surface, crystal ends on inner surface distinctly smaller, less elongate and of a somewhat granular aspect. Aperture small (holotype), to moderate in size, and circular despite large crystals forming its rim (Plate 1, Figure 5; Plate 8, Figure 7).

Dimensions of holotype: Diameter test 52 , aperture 15μ .

Name: The species is named for Brian K. McKnight, DSDP Leg 27 (sedimentologist); Wisconsin State University, Oshkosh, Wisconsin.

Remarks:

Lithology of type sample: Moderate reddish-brown, semilithified claystone.

Type level:

Upper Jurassic, Tithonian (based on calcareous nannoplankton).

Type locality:

Sample 27-261-31, CC. Northeastern Argo Abyssal Plain, about 200 km from foot of Scott Plateau, Indian Ocean, 12°57'S, 117°54'E. Water depth 5687 meters, depth below sea floor 513 meters.

Depository:

Museum of Natural History, Basle, Switzerland.

Author:

Bolli H. M., 1974, p. 852; pl. 1, figs. 5-8; pl. 8, figs. 4-8; pl. 21, fig. 2.

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.