

# KHEINJUASPHAERA

McMenamin, Kumar & Awramik  
1983 p. 267-268

*Incertae sedis*

*Kheinjuasphaera* n. gen.

*Type species. Kheinjuasphaera vulgaris* n. sp.

*Type locality.* Upper Fawn Limestone, Kheinjua Formation, Salkhan Hill, Son Valley area, Mirzapur District, Uttar Pradesh, India.

*Etymology.* With reference to its occurrence in the Kheinjua Formation; *sphaera*, Latin, spherical shape.

*Diagnosis.* Cell-like units, solitary; spherical or slightly distorted, with a well-defined single wall  $< 1 \mu\text{m}$  thick. Diameter of cells 2.8–35  $\mu\text{m}$ , averaging 11.7  $\mu\text{m}$  (173 cells measured). No envelopes or internal inclusions. Found scattered throughout a medium brown colored organic matrix, or in small populations (2 or 3, up to 8 cells) in pockets of clear light brown colored chert.

*Discussion.* The wide range in cell size of closely associated units is the main feature differentiating this genus from other genera, in particular *Huroniospora microreticulata* Barghoorn (1965), to which most of the smaller spheroids would be assigned if they were not so consistently associated with larger spheroids.

