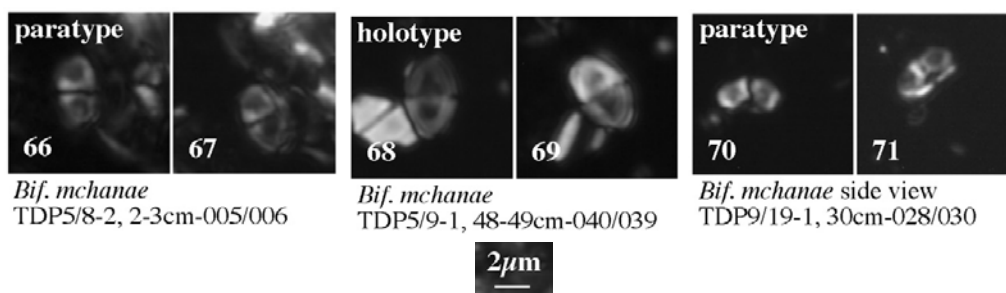


## 7. *Bifidalithus mchanae* Lees (2007)



Pl. 10, figs 66-71

**Derivation of name:** After Mr. Ephrem Mchana (TPDC, Dar-es-Salaam), for expert technical assistance during TDP drilling.

**Diagnosis:** A small species of *Bifidalithus* Varol, 1991 in which the two main constituent elements contain a single perforation each, arranged around the short-axis junction between the elements. The junction between these elements appears raised.

**Differentiation:** This species is distinct from *B. geminicatillus* in possessing perforations. In side view (Pl. 10, figs 70, 71), the raised area where the elements join appears to arch over a cavity above a monoperforate proximal plate.

**Holotype:** Pl. 10, figs 68, 69.

**Holotype dimensions:** L = 4.62µm, W = 3.08µm.

**Paratypes:** Pl. 10, figs 66, 67, 70, 71.

**Type locality:** TDP5, Machole, south of Kitulo Hill, near Lindi, coastal Tanzania.

**Type level:** TDP5/9-1, 48-49cm; UC15eTP, Late Campanian.

**Occurrence:** TDP5, Late Campanian (UC15eTP); TDP9, Early Maastrichtian (UC17).

Lees, J. A. 2007. New and rarely reported calcareous nannofossils from the Late Cretaceous of coastal Tanzania; outcrop samples and Tanzania Drilling Project Sites 5, 9 and 15. *Journal of Nannoplankton Research*, **29(1)**: 39-65.