

# DICHOTISPHAERA

Turner 1984

Diagnosis: Vesicle hollow, spherical, outline circular to subcircular, when compressed. Vesicle wall thick or thin, apparently consisting of one layer; surface generally smooth but may be microgranular to microscabrate. Excystment structure is a median slit that tends to separate the vesicle into two halves.

Type species: *Dichotisphaera caradocensis* Turner 1984

Remarks: The genus *Dichotisphaera* gen nov is proposed to accommodate those leiospheres that excysted via a median slit. Such forms may be thus distinguished from *Leiosphaeridia* which when it excysted did so via a pylome.

*Hemisphaeridium* Hemer - Nygreen 1967 is similar but excysted by splitting along grooves vesicle wall. No such grooves occur in representatives of *Dichotisphaera*

junior synonym of *LEIOSPHAERIDIA* according to Colbath, Grenfell 1995

