

Outlineoffungi.org - Note 1417 *Muriseptatomyces*

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Muriseptatomyces Crous

The monotypic genus *Muriseptatomyces* was established by Crous et al. (2023) under *Lindgomycetaceae* (*Pleosporales*, *Pleosporomycetidae*, *Dothideomycetes*, *Pezizomycotina*, *Ascomycota*) to accommodate *M. restionacearum* Crous based on morphology and phylogenetic analyses using ITS, *tef1*, SSU and LSU sequence data. The type species *M. restionacearum* was found on culms of *Restionaceae* in South Africa. In this new genus, ascomata are immersed, subglobose, brown and having long necks. Asci are eight-spored, bitunicate, fissitunicate, and cylindrical-clavate. Ascospores are one–two-seriate, verruculose, thick-walled, and encased in a gelatinous sheath. The asexual morph has not been observed (Crous et al. 2023).

References

Crous PW, Osieck ER, Shivas RG, Tan YP et al. 2023 – Fungal Planet description sheets: 1478–1549. *Persoonia-Molecular Phylogeny and Evolution of Fungi* 50(1), 158–310.

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