

Outlineoffungi.org - Note 918 [Holmiellales](#)

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[Holmiellales](#) Maharachch. & Wanas.

[Holmiellales](#) was introduced by Maharachchikumbura et al. (2021) based on SSU, 5.8S, LSU, *RPB2*, and *TEF* sequence data for the monotypic family [Holmiellaceae](#) and it represents a lineage of saprobic fungi that was previously placed in the monotypic order [Patellariales](#). The type family is [Holmiellaceae](#) Maharachch. & Wanas. In the asexual morph, conidiomata are pycnidia and superficial or immersed in culture. Conidiophores are branched, hyaline, and septate. Conidiogenous cells are integrated and hyaline. Conidia are straight to curved. Chlamydospores may be produced. Species of [Holmiellales](#) have apothecial ascomata which are initially enclosed in host parenchyma and subsequently crack open to become finally exposed through a wide, irregular hymenium. The apothecial ascomata in [Holmiellales](#) clearly distinguished this order and other closely related orders [Botryosphaeriales](#), [Homortomycetales](#), and [Catinellales](#). The order [Holmiellales](#) has a stem age of 97 million years (Liu et al. 2017) and has the same common ancestor with the orders [Homortomycetales](#) and [Catinellales](#). The species of this order are saprobic, especially on dead wood in terrestrial habitats in Oman.

References

- Liu JK, Hyde KD, Jeewon R, Phillips AJL, Maharachchikumbura SSN, Ryberg M, Liu ZY, Zhao Q. 2017 – Ranking higher taxa using divergence times: a case study in *Dothideomycetes*. *Fungal Divers* 84, 75–99. <http://dx.doi.org/10.1007/s13225-017-0385-1>
- Maharachchikumbura SSN, Wanasinghe DN, Cheewangkoon R, Al-Sadi AM. 2021 – Uncovering the hidden taxonomic diversity of fungi in Oman. *Fungal Diversity* 106(1). <http://dx.doi.org/10.1007/s13225-017-0385-1>

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