

Outlineoffungi.org - Note 919 [Holmiellaceae](#)

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[Holmiellaceae](#) Maharachch. & Wanas.

[Holmiella](#) was erected by Petrini et al. (1979) to accommodate *Holmiella sabina* (De Not.) Petrini, Samuels & E. Müll. (= *Triblidium sabinum* De Not.) as the type genus. Currently, this genus comprises four species (Species Fungorum 2023). Members of [Holmiella](#) are endophytes or saprobes in needles and wood of *Juniperus* species (Holm and Holm 1977; [Kutorga and Hawksworth 1997](#); [Eriksson 2014](#); [Pem et al. 2018](#)). In the asexual morph, conidiomata are pycnidia and superficial or immersed in cultures. Conidiophores are branched, hyaline, and septate. Conidiogenous cells are integrated and hyaline. Conidia are straight to curved. Chlamydospores may be present. Ascomata are apothecial with solitary and superficial formations. The hamathecium is filamentous, branched, and septate with 8 spores in the asci. Ascospores are 2–3-seriate and 1-septate. [Holmiella](#) was earlier placed in [Patellariaceae](#). The phylogenetic analysis based on SSU, 5.8S, LSU, *RPB2*, and *TEF* sequence data by Maharachchikumbura et al. (2021) revealed that [Holmiella](#) is closely related to [Botryosphaeriales](#), [Catinellales](#), and [Homortomycetaceae](#) disproving earlier placement in [Patellariaceae](#) ([Yacharoen et al. 2015](#); [Pem et al. 2018](#)). [Holmiella](#) species formed a sister clade to the monotypic order [Catinellales](#) and divergence time estimates revealed that [Holmiella](#) species, therefore, represent a distinct family and order. Thus, the family [Holmiellaceae](#) was introduced for [Holmiella](#) species.

References

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