

Outlineoffungi.org - Note 995 *Barbatosphaeriales*

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Barbatosphaeriales K.D. Hyde & Hongsanan

Barbatosphaeriaceae was introduced by Zhang et al. (2017) to accommodate three genera, *Barbatosphaeria*, *Ceratostomella* and *Xylomelasma*, as they share similar characteristics, such as dark, long-necked, astromatic ascomata, clavate or cylindrical-clavate asci and mostly ellipsoidal ascospores. In addition, Conidiophores are cylindrical to flask- or irregularly-shaped, and brown or hyaline. Conidiogenous cells are polyblastic, and integrated, terminal. Conidia are unicellular and hyaline. Hyde et al. (2020) placed *Barbatosphaeriaceae* in *Diaporthomycetidae* families *incertae sedis* based on phylogenetic analysis. Hyde et al. (2021) raised *Barbatosphaeriaceae* to order status based on phylogenetic analysis coupled with divergent time estimation. *Barbatosphaeria* Réblová, as the type genus, is a non-stromatic perithecial ascomycete introduced for a single species *Barbatosphaeria barbirostris* (Dufour) Réblová (Réblová 2007). The members of this order are saprobic on decaying wood or plant material. The taxonomic placement of *Barbatosphaeriales* is in *Diaporthomycetidae*, *Sordariomycetes*, *Pezizomycotina*, and *Ascomycota*.

References

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