

Outlineoffungi.org - Note 953 *Cryptocaliciomycetidae*

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Cryptocaliciomycetidae M. Prieto, Etayo & Olariaga

Cryptocaliciomycetidae was established for a single order (*Cryptocaliciales*), a family (*Cryptocaliciaceae*). The family *Cryptocaliciaceae* is typified by *Cryptocalicium* Etayo, Olariaga & M. Prieto and this genus is monotypic with the species *Cryptocalicium blascoi* Etayo, Olariaga and M. Prieto. The subclass formed a distinct clade in the phylogenetic analysis conducted for 7-locus data set (ITS, LSU, SSU, MCM7, RPB1 and RPB2) and was sister to the *Eurotiomycetidae*, and formed a supported clade together with *Coryneliomycetidae*. The subclass further showed the open ascomata as a common ancestor together with *Chaetothyriomycetidae*, *Eurotiomycetidae* and *Coryneliomycetidae* in the ancestral character analysis (Prieto et al. 2021). The taxonomic placement of *Cryptocaliciomycetidae* is in *Lecanoromycetes*, *Pezizomycotina*, and *Ascomycota*.

Reference

Prieto M, Etayo J, Olariaga I. 2021 – A new lineage of mazaediate fungi in the *Eurotiomycetes*, *Cryptocaliciomycetidae* subclass. nov, based on the new species *Cryptocalicium blascoi* and the revision of the ascoma evolution. *Mycological Progress* 20(7), 889–904. <https://doi.org/10.1007/s11557-021-01710-y>

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