

Outlineoffungi.org - Note 1456 *Cryptocalicium*

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Cryptocalicium Etayo, Olariaga & M. Prieto, in Prieto, Etayo & Olariaga, Mycol. Progr. 20(7): 894 (2021)

Cryptocalicium was introduced to accommodate a single saprobic species *Cryptocalicium blascoi* within a newly established *Cryptocaliciaceae*, order *Cryptocaliciales* and subclass *Cryptocaliciomycetidae* in Eurotiomycetes. The genus formed a sister clade to *Coryneliomycetidae* and *Eurotiomycetidae* in the multigene (LSU, SSU, ITS, mtSSU, RPB1, RPB2, and MCM7) phylogenetic analyses (Prieto et al. 2021). The presence of clavate asci, with a pedicel, bitunicate, and evanescent also supports the placement of this genus between these two subclasses. Further, *Cryptocalicium blascoi* shares a similar saprotrophic nutritional mode with *Mycocaliciomycetidae* but differs in having cylindrical asci without iodine reactions. The calicioid species possess unique morphological features such as tiny fruiting bodies and dark violet pigment granules that turn blue-green in KOH (Prieto et al. 2021).

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.

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