

Outlineoffungi.org - Note 901 *Crittendeniaceae*

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Crittendeniaceae Millanes, Diederich & Wedin

Crittendeniaceae was introduced by Diederich et al. (2022) to accommodate *Crittendenia*, a lichenicolous genus. *Crittendeniaceae* is distinguished from *Chionosphaeraceae* by a basal clamp in the basidia and lichenicolous habitat. *Crittendenia* was typified with *Crittendenia coppinsii* (P. Roberts) Diederich, M. Westb., Millanes & Wedin. This genus includes 16 species. In this genus, basidiomata are formed in aggregated small groups to entire thalli with stipe relatively robust in which its thallus is brownish and translucent. The stipe has a thick wall with septa. Basidia are subcylindrical and produce ellipsoid to elongate ellipsoid basidiospores. Phylogenetic analyses using ITS and LSU sequences indicated that *Crittendeniaceae* was distinct from other families in the *Agaricostilbomycetes*. The taxonomic placement of the family is in *Agaricostilbales* and *Agaricostilbomycetes*.

Reference

Diederich P, Millanes AM, Etayo J, van den Boom PPG, Wedin M. 2022 – Finding the needle in the haystack: a revision of *Crittendenia*, a surprisingly diverse lichenicolous genus of *Agaricostilbomycetes*, *Pucciniomycotina*. *The Bryologist* 125(2), 248–293. <https://doi.org/10.1639/0007-2745-125.2.248>

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