Outlineoffungi.org - Note 807 Bergerella

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Bergerella Diederich & Lawrey

Lawrey et al. (2020) established the monotypic genus <u>Bergerella</u> to accommodate <u>Bergerella atrofusca</u> Diederich & Lawrey as the type. The phylogenetic analyses based on LSU or ITS both showed the distinct position of this genus in *Hydnaceae* (Lawrey et al. 2020). The authors did not provide general morphological character of the genus when compared to other lichenized taxa in *Cantharellales*. Only descriptions for the type species, <u>Bergerella atrofusca</u>, were provided. <u>Bergerella atrofusca</u> is mainly characterized by the extremely small, dark reddish brown and shiny bulbils that develop superficially as a virulent pathogen on the thallus of Physcia species. The asexual morph is unknown. the type species is lichenicolous and known from two alpine localities in Austria, but is perhaps more widespread in the Alps as the host species are common there. It is known from thalli of *Physcia aipolia* and *P. stellaris*, in shaded, cool, and humid conditions on a young *Larix* near a river and on dead *Salix*. More species are expected to further exam the monophyly of this genus (Lawrey et al. 2020).

Reference

Lawrey JD, Sikaroodi M, Gillevet PM, Diederich P. 2020 – A new species of bulbil-forming lichenicolous fungi represents an isolated clade in the *Cantharellales*. The Bryologist 123(2):155–162. https://doi.org/10.1639/0007-2745-123.2.155

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