

## Outlineoffungi.org - Note 818 [Distobactrodesmium](#)

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[Distobactrodesmium](#) Z. Niu, K. Zhang & R.F. Castañeda

[Distobactrodesmium](#) was introduced by Niu et al. (2021) as a monotypic genus to accommodate an atypical *Bactrodesmium* Cooke species, *Bactrodesmium rahmii* M.B. Ellis. This was excluded from *Bactrodesmium* by Réblová et al. (2020) based on a narrower delimitation from *Bactrodesmium* based on its euseptate conidia and lack of sequence data. *Distobactrodesmium rahmii* (= *Bactrodesmium rahmii* M.B. Ellis), the type species, has been reported as a saprobe on *Picea* species in Canada and Switzerland (Niu et al. 2021). [Distobactrodesmium](#) is characterized by sporodochial conidiomata, macronematous, mononematous, cylindrical, hyaline or sub-hyaline, simple or branched conidiophores, monoblastic, integrated or discrete conidiogenous cells, and obovoid to clavate, brown to dark brown, distoseptate conidia (Niu et al. 2021). The sexual morph has not been observed in this genus. Due to unavailable sequence data of [Distobactrodesmium](#), its systematic position needs to be further determined.

### References

- Hughes SJ, White GP. 1983 – *Bactrodesmium rahmii*. Fungi Canadenses 260:1–2
- Niu ZF, Zhang K, Li DW, Ma J, Castañeda-Ruiz RF 2021 – *Distobactrodesmium* gen. nov. to accommodate *Bactrodesmium rahmii* and notes on *Bactrodesmium*. Mycotaxon 136, 141–158. <https://doi.org/10.5248/136.141>
- Réblová M, Hernández-Restrepo M, Fournier J, Nekvindová J. 2020 – New insights into the systematics of *Bactrodesmium* and its allies and introducing new genera, species and morphological patterns in the *Pleurotheciales* and *Savoryellales* (*Sordariomycetes*). Studies in Mycology 95, 415–466. <https://doi.org/10.1016/j.simyco.2020.02.002>

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