

Outlineoffungi.org - Note 829 *Flectospora*

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Flectospora Réblová & Hern. -Restr.

Based on the phylogenetic analysis of combined ITS and 28S sequence data, Réblová et al. (2021) introduced *Flectospora* to accommodate two species. The type species of this genus, *Flectospora laminata* Réblová & Hern. -Restr. was reported as a saprobe on decaying wood, known only in Thailand (Réblová et al. 2021). The other *Flectospora* sp. was collected from decaying wood in New Zealand, also presumably as a saprobe (Réblová et al. 2021). *Flectospora laminata* was initially considered the chloridium-like anamorph of *Chaetosphaeria hispida* (Réblová et al. 2003). However, the holotype of *Ch. hispida* has been transferred to the new genus *Flectospora* as *F. laminata* due to phylogenetic arguments and a critical evaluation of teleomorphic and anamorphic characteristics (Réblová et al. 2021). *Flectospora* was named referring to the curved conidia and characterized by ascomycetes with phialidic dematiaceous hyphomycete anamorphs with macronematous, simple conidiophores and hyaline, ellipsoidal to obovoid, aseptate, slightly curved conidia accumulating in slimy heads. The teleomorphs have glabrous perithecial ascomata, unitunicate asci, paraphyses, and hyaline, septate ascospores. The taxonomic placement of *Flectospora* is in *Chaetosphaeriaceae*, *Chaetosphaeriales*, *Sordariomycetes*, and *Ascomycota*.

References

- Réblová M, Seifert KA. 2003 – Six new species of *Chaetosphaeria* from tropical rain forests in Thailand and redescription of *Chaetosphaeria hiugensis*. *Sydowia* 55, 313–347.
- Réblová M, Nekvindová J, Hernández-Restrepo M. 2021 – Reflections on *Menisporopsis*, *Multiguttulispora* and *Tainosphaeria* using molecular and morphological Data. *Journal of Fungi* 7(6), 438. <https://doi.org/10.3390/jof7060438>

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Published online 21 March 2024