

## Outlineoffungi.org – Note 780 *Leptodophora*

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### *Leptodophora* Koukol & Maciá-Vicente

*Leptodophora* was established by Koukol et al. (2022) for root-inhabiting taxa previously placed in *Cadophora*, but phylogenetically distinct from the type species, *C. fastigiata* Lagerb. & Melin. The type species is *L. orchidicola* (Sigler & Currah) Koukol & Maciá-Vicente, a well-known root endophyte widely referred to as *Cadophora orchidicola* (Sigler & Currah) M.J. Day & Currah in the literature (Koukol et al. 2022). The genus is characterized by hyphomycetous asexual morphs with mono- or polyblastic conidiogenous cells and aseptate conidia forming chains of strongly constricted cells and complex tuft-like bodies (Koukol et al. 2022). No sexual morph has been reported. The familial placement of *Leptodophora* is uncertain (Koukol et al. 2022). Based on combined ITS, LSU, *rpb2* and *tefl* data the genus was placed in *Helotiales* (*Leotiomyces*) (Koukol et al. 2022).

### Reference

Koukol, O; Maciá-Vicente, JG. 2022 – *Leptodophora* gen. nov. (*Helotiales*, *Leotiomyces*) proposed to accommodate selected root-associated members of the genus *Cadophora*. Czech Mycology 74(1):57–66. <https://doi.org/10.33585/cmy.74104>

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