

Outlineoffungi.org - Note 832 *Furtadomyces*

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Furtadomyces Leonardo-Silva, Cotrim & Xavier-Santos

Based on morphological and phylogenetic analysis (ITS and 28S), Leonardo-Silva et al. (2022) established a new name *Furtadomyces* to replace *Furtadoa* Costa-Rezende, Robledo & Drechsler-Santos, encompassing *Furtadomyces sumptuosus*, *F. biseptatus* and *F. brasiliensis*. Later, *F. corneri* and *F. trichodermatum* were combined in the genus (Peres et al. 2023). The genus is typified by *F. biseptatus* (Costa-Rezende, Drechsler-Santos & Reck) Leonardo-Silva, Cotrim & Xavier-Santos. *Furtadomyces* currently includes five species, all from the Neotropics. The species of the genus occur on soil and are usually found attached to buried angiosperm roots. *Furtadomyces* is characterized by stipitate basidiomata, soft when fresh, a dull and glabrous to strigose pilear surface, a dimitic hyphal system with a monomitic context composed of both clamped and simple-septate generative hyphae, and dimitic trama of tubes, composed of clamped generative hyphae and arboriform skeletal hyphae, and “amaurodermoid” basidiospores (Costa-Rezende et al. 2017; Leonardo-Silva et al. 2022; Peres et al. 2023). The taxonomic placement of *Furtadomyces* is in *Ganodermataceae*, *Polyporales*, *Agaricomycetes*, *Agaricomycotina*, and *Basidiomycota*.

References

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- Leonardo-Silva L, Cotrim CFC, Xavier-Santos S, 2022 – *Furtadomyces* nom. nov. (*Ganodermataceae*, *Basidiomycota*) with description of *F. sumptuosus*, a new species of ganodermatoid fungi from Brazil. *Mycological Progress* 21 (3), 1–12. <https://doi.org/10.1007/s11557-022-01794-0>
- Peres RS, Bittencourt F, Robledo GL, Drechsler-Santos ER, Pöldmaa K, Ryvarde L, Crespo E, Costa-Rezende DH. 2023 – Filling gaps in the phylogeny of *Amauroderma* s. lat. (*Polyporales*, *Ganodermataceae*). *South African Journal of Botany* 155, 140-53. <https://doi.org/10.1016/j.sajb.2023.02.018>

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(Edited by **Kevin D. Hyde & Maryam Tavakol Noorabadi**)

Published online 21 March 2024