

Outlineoffungi.org - Note 743 *Furtadomyces*

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Furtadomyces Leonardo-Silva, Cotrim & Xavier-Santos

Furtadomyces, a new name proposed to replace *Furtadoa* Costa-Rezende, Robledo & Drechsler-Santos, which name was declared an illegitimate homonym according to Art. 53.1 (ICN). The type species is *Furtadomyces biseptatus* ([Costa-Rezende, Drechsler-Santos & Reck](#)) Leonardo-Silva, Cotrim & Xavier-Santos. Species of this poroid genus are wood saprotrophs found in the Neotropics: Brazil, Guyana, and Venezuela ([Costa-Rezende et al. 2017](#); [Leonardo-Silva et al. 2022](#)). Phylogenetic analyses based on ITS, nLSU, *rpb1* and *tef1* loci indicated its monophyletic placement in *Ganodermataceae*, *Polyporales* ([Costa-Rezende et al. 2017](#)). This genus is characterized by a stipitate basidiomata that are soft when fresh, dull pilear surface and white to pale brown context. The hyphal system is dimitic while context is monomitic, composed of both clamped and simple-septate generative hyphae. Trama of tubes are dimitic, thin to slightly thick-walled, composed of clamped generative hyphae and arboriform skeletal hyphae. Basidiospores are ornamented and double-walled ([Costa-Rezende et al. 2017](#); [Leonardo-Silva et al. 2022](#)). No asexual morph is known.

References

- Costa-Rezende DH, Robledo GL, Góes-Neto A, Reck MA, Crespo E, Drechsler-Santos ER. 2017 – Morphological reassessment and molecular phylogenetic analyses of *Amauroderma* s.lat. raised new perspectives in the generic classification of the *Ganodermataceae* family. *Persoonia* 39, 254–269. <https://doi.org/10.3767/persoonia.2017.39.10>
- 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, 36. <https://doi.org/10.1007/s11557-022-01794-0>

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