

Outlineoffungi.org – Note 1573 *Purimyces*

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Purimyces D.O. Ramos & O.L. Pereira

Purimyces, a monotypic genus, was introduced with *P. orchidacearum* D.O. Ramos & O.L. Pereira based on molecular analysis of ITS, and LSU sequence data ([Crous et al. 2024](#)). This genus was isolated as root endophyte on *Cattleya locatellii* (*Orchidaceae*) growing above rocks, near to Araponga municipality, state of Minas Gerais, Brazil. *Purimyces* has septate, branched, smooth-walled, hyaline mycelium forming mycelial strains and differs phylogenetically from all known genera of *Hyphodiscaceae*. The genus is placed near to *Venturiocistella* and *Fuscolachnum sensu lato* Clade, differing from these genera by the endophytic association and the absence of reproductive morphs. Colonies of *Purimyces* resembles those of *Gamara* and *Glutionomyces*, two other genera of *Hyphodiscaceae* that lack sporulation structures and are known to form endophytic and mycorrhizal associations with plants.

Reference

[Crous PW, Jurjević Z, Balashov S, Peña-Lastra SDL et al. 2024 – Fungal Planet description sheets: 1614–1696. *Fungal Systematics and Evolution* 13, 183-440.](#)

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(Edited by **Kevin D Hyde**)

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