

Outlineoffungi.org - Note 671 *Candidacolonium*

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Candidacolonium P.L. Vines & M. Tomaso-Peterson

Candidacolonium was introduced by [Vines \(2015\)](#) without designating a holotype, then being effectively published by [Vines & Tomaso-Peterson \(2021\)](#) to follow the rules of The International Code of Nomenclature for algae, fungi, and plants ([Turland et al. 2018](#)). Pathogenicity evaluations showed that this genus accommodates a plant parasitic fungus collected on roots of *Cynodon dactylon* × *C. transvaalensis* (*Poaceae*) from the USA. *Candidacolonium* is a distinguishable genus in *Magnaporthaceae* based on morphology and molecular analysis (ITS, LSU, SSU, *mcm7*, *rpb1*, and *tefl* markers). It is characterized by the luminous white colony, lack of reproductive structures, and chiroid or mitten-shaped hyphopodia ([Vines 2015](#)) that differ morphologically from *Gaeumannomyces graminis* var. *graminis* which has deeply lobed hyphopodia, ascomata perithecial, and asexual morph, when present, with brown conidiophores and lunate conidia ([Hernández-Restrepo et al. 2016](#)). This genus is monotypic and is typified by *C. cynodontis* P.L. Vines & M. Tomaso-Peterson.

References

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