

Outlineoffungi.org - Note 1074 *Yamadamyces*

Web-links: [Index Fungorum](#), [Facesoffungi](#), [MycoBank](#), [GenBank](#)

Yamadamyces Q.M. Wang, F.Y. Bai, M. Groenew. & Boekhout

Yamadamyces was invalidly proposed by Wang et al. (2015) based on the morphological characteristics and phylogenetic analysis of LSU sequence data. The type species had an invalid nomenclature and was preserved in a metabolically inactive state (Li et al. 2020). Later, Li et al. (2020) re-described *Yamadamyces* indicating *Y. rosulatus* as the type species, based on the phylogenetic analysis of 18S, ITS, D1/D2, *rpb1*, *rpb2*, *tef1α*, and CYTB sequence data. Sexual reproduction of the genus is unknown. Colonies are butyrous shaped and greyish-cream. Budding cells and pseudomycelium are present. Ballistoconidia is not produced (Wang et al. 2015). The taxonomic placement of *Yamadamyces* is in *Kriegeriaceae*, *Kriegeriales*, *Microbotryomycetes*, and *Basidiomycota*.

References

- Li AH, Yuan FX, Groenewald M, Bensch K et al. 2020 – Diversity and phylogeny of basidiomycetous yeasts from plant leaves and soil: proposal of two new orders, three new families, eight new genera and one hundred and seven new species. *Studies in Mycology* 96(1), 17–40. <https://doi.org/10.1016/j.simyco.2020.01.002>
- Wang QM, Yurkov AM, Göker M, Lumbsch HT et al. 2015 – Phylogenetic classification of yeasts and related taxa within *Pucciniomycotina*. *Studies in Mycology* 81(1), 149–89. <https://doi.org/10.1016/j.simyco.2015.12.002>

Entry by

Maoqiang He, State Key Laboratory of Mycology, Institute of Microbiology, Chinese Academy of Sciences, Beijing 100101, China

(Edited by **Rui-Lin Zhao**, **Maryam Tavakol Noorabadi**, **Kevin D. Hyde** & **Subodini N. Wijesinghe**)

Published online 7 May 2024