

Outlineoffungi.org - Note 760 *Crinitomyces*

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Crinitomyces Sakpuntoon, G. Péter, M. Groenew., Dlačny, Limtong & Srisuk

Sakpuntoon et al. (2022) introduced the yeast genus *Crinitomyces* within *Saccharomycetales* with *C. flavificans* (Nakase) as the type species. Yeast identification based only on morphology can often lead to misidentification due to the simplicity of their features (Lücking et al. 2020; Chethana et al. 2021). Thus, to determine the correct placement, phylogenetic analyses (SSU rRNA gene, the ITS region and the D1/D2 domain of the LSU rRNA), morphology and ecology are used (Sakpuntoon et al. 2022). Sakpuntoon et al. (2022) introduced the new species *Crinitomyces reliqui* Sakpuntoon, G. Péter, M. Groenew., Dlačny, Limtong & Srisuk which was isolated from food waste in Thailand. *Crinitomyces reliqui* clustered with *Trichosporiella flavificans* (Nakase) de Hoog, Rodr. Mir. & Oorschot and *Candida ghanaensis* Kurtzman, which were synonymized as *C. flavificans* (Nakase) Sakpuntoon, G. Péter, M. Groenew., Dlačny, Limtong & Srisuk and *C. ghanaensis* (Kurtzman) Sakpuntoon, G. Péter, M. Groenew., Dlačny, Limtong & Srisuk, respectively. *Crinitomyces* is characterized by septate hyphae, spherical or ellipsoidal cells, asexual reproduction by multilateral budding and hairy colony (Sakpuntoon et al. 2022). Urea hydrolysis test and Diazonium Blue B (DBB) test were negative.

References

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- Lücking R, Aime MC, Robbertse B, Miller AN, et al. 2020 – Unambiguous identification of fungi: where do we stand and how accurate and precise is fungal DNA barcoding?. *IMA fungus* 11, 1–32. <https://doi.org/10.1186/s43008-020-00033-z>
- Sakpuntoon V, Péter G, Groenewald M, Dlačny D, et al. 2022 – Description of *Crinitomyces reliqui* gen. nov., sp. nov. and reassignment of *Trichosporiella flavificans* and *Candida ghanaensis* to the genus *Crinitomyces*. *Journal of Fungi* 8, 224. <https://doi.org/10.3390/jof8030224>

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