

Outlineoffungi.org - Note 839 [Limtongozyma](#)

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[Limtongozyma](#) Boontham, Angchuan, Boonmak & Srisuk

Boontham et al. (2020) proposed [Limtongozyma](#) to accommodate *L. siamensis* Boontham, Angchuan, Boonmak & Srisuk based on morphology and phylogenetic analysis with ITS, LSU and SSU sequence data. Boontham et al. (2021) validated the genus and rectified several errors in the original publication. According to Boontham et al. (2021), the genus is typified by *Limtongozyma cylindracea* (Koichi Yamada & Machida ex S.A. Mey. & Yarrow) Boontham, Angchuan, Boonmak & Srisuk. Based on barcode sequence data (ITS and LSU rRNA gene D1/D2) the species is assigned to *Debaryomycetaceae* (*Saccharomycetales*, *Saccharomycetes* and *Ascomycota*). However, a confident placement of the genus within the family remains uncertain. An affinity with *Babjevaella* is possible. The description reassigned *Candida cylindracea* Koichi Yamada & Machida ex S.A. Mey. & Yarrow, a close relative to the genus, but neglected the inclusion of *Candida pseudocylindracea* F.Y. Bai & Chen Wang bis, which also belongs to the same clade. GenBank deposits indicate that the three described species are part of a complex with fuzzy boundaries. Species of the genus are of interest because of their ability to produce lipolytic enzymes, but caution is required in interpreting the literature due to the confusion in the nomenclature of some strains, especially those mislabeled as *Candida rugosa* (Lachance et al. 2011). The type species was reported to exhibit several differences from *L. cylindracea*, such as the utilization of nitrate, a result that awaits independent confirmation. Ascospores were not observed. Yeast cells are divided by multilateral budding and pseudohyphae are produced.

References

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