

## Outlineoffungi.org - Note 736 *Savitreella*

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***Savitreella*** Nutaratat, Boontham & Khunnamw

Nutaratat et al. (2022) introduced the monotypic genus *Savitreella* with the type species *Savitreella phatthalungensis* Nutaratat, Boontham & Khunnamw., isolated from pineapple (*Ananas comosus*) leaves in Thailand. This genus is classified in *Taphrinales*, *Incertae sedis* (*Taphrinomycetidae*, *Taphrinomycetes*, *Ascomycota*). In the phylogenetic analysis of ITS and LSU, *Savitreella* is closely related to *Protomyces* and *Taphrina* species (Nutaratat et al. 2022). *Savitreella* formed a well-separated lineage from the species of these genera and confirmed that it represented a new distinct genus (Nutaratat et al. 2022). Beside phylogenetic analysis, phenotypic features also can distinguish this genus from the neighboring genera, *Protomyces* and *Taphrina*. Yeast cells divide by multilateral budding while pseudohyphae are not produced (Nutaratat et al. 2022). Ascospores have not been observed in individuals or in mixed cultures (Nutaratat et al. 2022). Glucose is not fermented, while diazonium blue B reaction, urease activity and acid production are negative (Nutaratat et al. 2022).

### Reference

Nutaratat P, Boontham W, Khunnamwong P. 2022 – A Novel Yeast Genus and Two Novel Species Isolated from Pineapple Leaves in Thailand: *Savitreella phatthalungensis* gen. nov., sp. nov., and *Goffeauzyma siamensis* sp. nov. *Journal of Fungi* 8(2), 118. <https://doi.org/10.3390/jof8020118>

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