Outlineoffungi.org - Note 1307 *Golubeviales*

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Golubeviales Q.M. Wang, F.Y. Bai, Begerow & Boekhout

Golubeviales was introduced by Wang et al. (2015) as a monotypic order to accommodate *Golubevia* Q.M. Wang, F.Y. Bai, Begerow & Boekhout within *Exobasidiomycetes*. Based on phylogenic analyses of seven loci datasets (ITS, LSU, SSU, *rpb*1, *rpb*2, *tef*1, and CytB), *Golubevia* was established for the single species clade formed by *G. pallescens* (Gokhale) Q.M. Wang, F.Y. Bai, Begerow & Boekhout. It was found as a sister lineage of the other orders within the *Exobasidiomycetes* (Wang et al. 2015). Unfortunately, in the description of *Golubevia* by Wang et al. (2015) the type species, *G. pallescens*, which was transferred from *Tilletiopsis*, was not provided with a citation of the basionym. This omission was made not only the type species and generic name invalidly published (ICN, Art. 41.5 & 40.1, respectively), but also the order name, *Golubeviales* (ICN, Art. 32.1(c), as it is an automatically typified name, formed from *Golubevia*. Recently, this combination and the generic and order names were validly published in Guarnaccia et al. (2023). *Golubeviales* consists of a monotypic family and a genus with three species that are known only in their yeast stage (Guarnaccia et al. 2023). In the type genus, sexual reproduction is unknown. Budding cells and ballistoconidia are present. Hyphae are branched, narrow, and cylindrical-shaped. Clamp connections and starch-like compounds are absent (Wang et al. 2015, Guarnaccia et al. 2023).

References

Guarnaccia V, Remolif GME, Nari L, Gualandri V et al. 2023 – Characterization of fungal species involved in white haze disorder on apples in Northern Italy and description of *Golubevia mali* sp. nov. and *Entyloma mali* sp. nov. Postharvest Biology and Technology 209, 112678.

Wang QM, Begerow D, Groenewald M, Liu XZ et al. 2015 – Multigene phylogeny and taxonomic revision of yeasts and related fungi in the *Ustilaginomycotina*. Studies in Mycology 81, 55–83.

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