

Outlineoffungi.org - Note 1513 *Skvortzoviaceae*

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Skvortzoviaceae L.W. Zhou & Xue W. Wang

The monotypic family *Skvortzoviaceae* was introduced by Xw et al. (2023) to accommodate *Skvortzovia* Bononi & Hjortstam, in Hjortstam & Bononi as the type genus and *Skvortzovia furfurella* (Bres.) Bononi & Hjortstam as the ype genus based on phylogeny (nSSU, ITS, nLSU, mt-SSU, tef1 α , rpb1, and rpb2) and morphology. The family *Skvortzoviaceae* is classified under *Hymenochaetales* (*Agaricomycetes*, *Basidiomycota*). The family *Skvortzoviaceae*, basidiomes are annual, resupinate, and effused. The hymenophore is smooth, exhibiting grandinioid and odontoid characteristics, with colors ranging from cream to yellowish. The hyphal system is monomitic, consisting of generative hyphae that are typically thin-walled and often feature clamp connections. Cystidia are tubular with an obtuse apex, hyaline, and thin-walled. Basidia can be described as clavate to cylindrical, each possessing four sterigmata. Basidiospores are cylindrical or allantoid in shape, smooth, thin-walled, hyaline, inamyloid, and acyanophilous (Xw et al. 2023).

Reference

Xw W, Sl L, Lw Z. 2023 – An updated taxonomic framework of *Hymenochaetales* (*Agaricomycetes*, *Basidiomycota*). *Mycosphere* 14(1), 452–96.

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