

Outlineoffungi.org - Note 514, *Tricholyophyllum*

Tricholyophyllum Qing Cai et al.

Based on both morphological and phylogenetic evidence, *Tricholyophyllum* was introduced by Cai et al. (2020) to accommodate *T. brunneum*. Besides the independent phylogenetic position, *Tricholyophyllum* is morphologically distinct from the other genera within *Lyophyllaceae sensu lato* in the trichodermal pileipellis and stipitipellis, presence of cheilocystidia, and elongate to cylindrical basidiospores (Cai et al. 2020) (M. Erdoğan).

Reference

Cai Q, Lüli YJ, Kost G, Yang ZL. 2020 – *Tricholyophyllum brunneum* gen. et. sp. nov. with bacilliform basidiospores in the family *Lyophyllaceae*. *Mycosystema*, 39(9), 1728–1740.