

Outlineoffungi.org - Note 1022 *Allotrechispora*

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Allotrechispora L.W. Zhou & S.L. Liu

Allotrechispora was introduced by Liu et al. (2022) to accommodate *A. gatesiae* as the type species, based on morphological characteristics and phylogenetic analysis of ITS, LSU, *tefl-α*, and *rpb2* sequence data. The type species was isolated from the fallen trunk of *Atherosperma moschatum* in Australia. This genus has three species including *A. daweishanensis*, *A. gatesiae*, and *A. xantha*. This genus generally occurs as annual, resupinate, cream to cinnamon-buff, corticioid, thin and soft basidiomes which are loosely attached to the substrates. Hymenophore is white to cinnamon-buff when fresh, smooth to tuberculate, and cracked with age. The hyphal system is monomitic, generative hyphae with clamp connections, absence of isodiametric subhymenial hyphae, hyaline and thin-walled. Basidiospores are ellipsoid to ellipsoid, or oblong shape, hyaline, with thin-walled, smooth, inamyloid, indextrinoid, and acyanophilous. Basidia are subcylindrical to subclavate, with four sterigmata, hyaline, thin-walled, and occurred clamp connection. Cystidia are absent. Phylogenetically *Fibrodontia* is the closest genus to *Allotrechispora*. The taxonomic placement of [Allotrechispora](#) is in *Allotrechisporaceae*, *Allotrechisporales*, [Agaricomycetes](#), [Agaricomycotina](#), and [Basidiomycota](#).

Reference

Liu SL, He SH, Wang XW, May TW, et al. 2022 – *Trechisporales* emended with segregation of *Sistotremastrales* ord. nov. (*Basidiomycota*) . *Mycosphere* 13, 862–954. <https://doi.org/10.5943/mycosphere/13/1/11>

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