

## Outlineoffungi.org - Note 987 [Allotrechispora](#)

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[Allotrechispora](#) L.W. Zhou & S.L. Liu

[Allotrechispora](#) was introduced by Liu et al. (2022) to accommodate [Allotrechispora gatesiae](#) L.W. Zhou, S.L. Liu & T.W., as the type species based on the morphological characteristics and phylogenetic analysis of ITS, LSU, *tefl-α*, and *rpb2* sequence data. The type species was isolated from 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, and loosely attached to the substrates. Hymenophore is white to cinnamon-buff when fresh, smooth to tuberculate, and cracked with age. 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 closest genus to [Allotrechispora](#). The taxonomic placement of [Allotrechispora](#) is in *Allotrechisporaceae*, *Allotrechisporales*, [Agaricomycetes](#), [Agaricomycotina](#), [Basidiomycota](#).

### Reference

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

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Published online 5 April 2024