

Outlineoffungi.org - Note 1082 *Sistotremastrales*

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Sistotremastrales L.W. Zhou & S.L. Liu

Sistotremastrales was introduced by Liu et al. (2022) to accommodate *Sistotremastraceae* based on the morphological characteristics and phylogenetic analysis of ITS, nrLSU, *tef1-α*, *rpb2* and mtSSU sequence data. The type genus of the family is *Sistotremastrum* and it was typified by *S. suecicum*. Members of *Sistotremastrales* are composed of wood-inhabiting corticioid fungi. In this order, basidiomes are resupinate, effused, and thin. The hyphal system is monomitic with clamp connections. Most species exhibit a notable microscopic characteristic by possessing 6–8 sterigmata of basidia, while the basidia in a few species have only 4 sterigmata (Liu et al. 2022). Currently, the order consists of one family *Sistotremastraceae*, encompassing two genera: *Sistotremastrum* and *Sertulicium*. The taxonomic placement of *Sistotremastrales* is in *Agaricomycetes*, *Agaricomycotina*, and *Basidiomycota*.

Reference

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

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