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[Obliquifusoideum](#) W. Dong, Doilom & K.D. Hyde

The monotypic genus [Obliquifusoideum](#) was found on decayed wood in freshwater in Thailand ([Dong et al. 2021](#)). [Obliquifusoideum guttulatum](#) has an unstable placement. In LSU-SSU-ITS-*rpb2* analysis, it is sister to [Pleurotheciales](#) with poor support, and in single gene (LSU and ITS) analyses, [Obliquifusoideum](#) clusters with [Savoryellales](#) ([Dong et al. 2021](#)). The dark ascomata with a lateral neck in [Obliquifusoideum](#) resemble [Helicoascotaiwania](#) in [Pleurotheciales](#) and [Ascotaiwania](#), [Neoascotaiwania](#) and [Savoryella](#) in [Savoryellales](#). The asexual morph of [Obliquifusoideum](#) is undetermined ([Dayarathne et al. 2019](#), [Dong et al. 2021](#), [Réblová et al. 2020](#), [Sivanesan & Chang 1992](#)). [Obliquifusoideum guttulatum](#) has fusoid and hyaline ascospores, whereas the other four genera have ellipsoidal and pigmental ascospores ([Dong et al. 2021](#)). Thus, [Dong et al. \(2021\)](#) place [Obliquifusoideum](#) in [Savoryellomycetidae](#) genera *incertae sedis*. More collection and sequence data are essential for a place this genus in its natural classification.

References

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Entry by

Shi-Ke Huang Center of Excellence in Fungal Research, Mae Fah Luang University, Chiang Rai 57100, Thailand

(Edited by **Sajeewa Maharachchimbura** and **Kevin D. Hyde**)

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