

## Outlineoffungi.org - Note 891 [Obliquiminima](#)

**Web-links:** [Index Fungorum](#), [Facesoffungi](#), [Mycobank](#), [GenBank](#)

[Obliquiminima](#) W. Dong, H. Zhang & K.D. Hyde

[Obliquiminima](#) was introduced by Dong et al (2021) as a monotypic genus to accommodate [O. hyalina](#) W. Dong, H. Zhang & K.D. Hyde as the type species. This species is a saprobe collected on submerged wood from freshwater habitats. [Obliquiminima](#) is characterized by superficial, ellipsoidal to subglobose, black, coriaceous, ostiolate ascomata with a lateral neck, unitunicate, obclavate, sessile asci with a small, refractive apical ring and oval, narrowly ellipsoidal, aseptate, guttulate, hyaline ascospores with a thin gelatinous sheath (Dong et al. 2021). The asexual morph is unknown in [Obliquiminima](#)., Based on morphological characteristics and phylogenetic analyses using ITS, SSU, LSU, and RPB2 [Obliquiminima](#) is placed in [Cancellidiaceae](#), [Cancellidiales](#), and [Sordariomycetes](#). [Cancellidium](#) is sister clade for [Obliquiminima](#), but no sexual morphs are reported in [Cancellidium](#) and this genus is known only by asexual morphs (Hyde et al. 2021), thus the morphology between these two genera cannot be compared, but phylogenetically they are distinct (Dong et al. 2021). Further fresh collections are required to better understand the morphology of this family.

### References

- Dong W, Hyde KD, Jeewon R, Doilom M, Yu XD, Wang GN, Liu NG, Hu DM, Nalumpang S, Zhang H. 2021 – Towards a natural classification of annulatasceae-like taxa II: introducing five new genera and eighteen new species from freshwater. *Mycosphere* 12(1), 1–88. [https://www.mycosphere.org/pdf/MYCOSPHERE\\_12\\_1\\_1.pdf](https://www.mycosphere.org/pdf/MYCOSPHERE_12_1_1.pdf)
- Hyde KD, Bao DF, Hongsanan S, Chethana KT, Yang J, Suwannarach. 2021 – Evolution of freshwater *Diaporthomycetidae* (*Sordariomycetes*) provides evidence for five new orders and six new families. *Fungal Diversity* 107, 71–105. <http://dx.doi.org/10.1007/s13225-021-00469-7>

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