

Outlineoffungi.org - Note 883 *Oxenbollia*

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Oxenbollia W.P. Wu & Y.Z. Diao

Oxenbollia was recently established by Wu and Diao (2022) to accommodate *Oxenbollia lunatospora* which is a saprobe on rotten wood of an unidentified plant from China. The genus is characterized by macronematous, mononematous, simple, septate, unbranched conidiophores, terminal monophialidic conidiogenous cells with funnel-shaped collarette, and lunate, aseptate conidia with simple setulae. Wu and Diao (2022) showed that *Oxenbollia* clustered with *Phialogeniculata* and *Flectospora* but in a distinct lineage. *Oxenbollia* can be distinguished from *Phialogeniculata* and *Flectospora* by the absence of setae, unbranched conidiophores, terminal, monophialidic conidiogenous cells with funnel-shaped collarette, and lunate, aseptate conidia with simple setulae (Réblová et al. 2021, Wu and Diao 2022) therefore, a new genus *Oxenbollia* was introduced to accommodate *O. lunatospora*. Currently, only the type species *O. lunatospora* is accepted in the genus as monotypic. Based on the morphological characteristics and molecular investigations with ITS and LSU, this genus was placed in *Chaetosphaeriaceae*, *Chaetosphaeriales*, and *Sordariomycetes*.

References

- Wu W, Diao Y. 2022 – Anamorphic chaetosphaeriaceous fungi from China. *Fungal Diversity* 116(1), 1–546. <https://link.springer.com/article/10.1007/s13225-022-00509-w>
- Réblová M, Nekvindová J, Hernández-Restrepo M. 2021 – Reflections on *Menisporopsis*, *Multiguttulispora*, and *Tainosphaeria* using molecular and morphological Data. *Journal of Fungi* 7(6), 438. <https://link.springer.com/article/10.1007/s13225-022-00509-w>

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