

Outlineoffungi.org - Note 754 *Angularia*

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Angularia R. Xu, Phukhams. & Y. Li

Xu et al. (2022) introduced this monotypic genus within *Leptosphaeriaceae*, with *Angularia xanthoceratis* R. Xu, Phukhams. & Yu Li as the type, based on morphological characters and phylogenetic analysis of combined ITS, LSU, SSU and *tub2* sequence data. *Leptosphaeriaceae* species are widely distributed in terrestrial habitats as pathogens, endophytes and saprobes (Hongsanan et al. 2020). *Angularia* has been reported as a saprobe, collected from the dead stem of *Xanthoceras sorbifolium* in China (Xu et al. 2022). The genus is known only from its asexual morph and is characterized by solitary, uniloculate, globose, coriaceous conidiomata, enteroblastic, phialidic, subcylindrical to truncate, hyaline conidiogenous cells and fusiform, aseptate, hyaline conidia (Xu et al. 2022). The genus was introduced without the unique character of scleroplectenchymatous or plectenchymatous cell types of peridium layers (Xu et al. 2022). There is only one species in *Angularia*, therefore, further new collections with the sexual morph link are needed to understand its morphology and phylogenetic relationship.

References

- Hongsanan S, Hyde KD, Phookamsak R, Wanasinghe DN et al. 2020 – Refined families of *Dothideomycetes*: *Dothideomycetidae* and *Pleosporomycetidae*. *Mycosphere* 11(1), 1553–2107. <https://doi.org/10.1007/s13225-020-00462-6>
- Xu R, Su W, Tian S, Bhunjun CS, Tibpromma S, Hyde KD, Li Y, Phukhamsakda C. 2022 – Synopsis of *Leptosphaeriaceae* and introduction of three new taxa and one new record from China. *Journal of Fungi* 8, 416. <https://doi.org/10.3390/jof8050416>

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