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[Extremopsis](#) G. Delgado & Maciá-Vicente

Crous et al. (2021) introduced [Extremopsis](#) to accommodate [E. radicicola](#) G. Delgado & Maciá-Vicente. [Extremopsis radicicola](#) is a sterile strain which was isolated as an endophyte from asymptomatic roots of *Arabidopsis thaliana* inoculated with soil and grown under controlled conditions in Spain (Crous et al. 2021). Morphological characteristics of the genus is based on the chlamydospores formed in culture, which are terminal or intercalary, solitary, occur in short chains of up to 8 or forming more or less dense clusters, globose or subglobose, ellipsoidal, pyriform or elongated, subhyaline to pale brown, smooth, thin-walled, that may become brown, thick-walled, 0–1-septate and smooth to verruculose, dark brown when forming in large clusters (Crous et al. 2021). The sexual morph is not known. Gorfer et al. (2011) isolated a fungal strain ('*Devriesia*' sp. NG_p52) from Austrian agricultural soils. This isolate was grouped within the [Extremopsis](#) clade appearing to be conspecific with [E. radicicola](#) (Crous et al. 2021). Thus, known [Extremopsis](#) distribution can be given as Southern Spain to other parts of Europe (Crous et al. 2021). Based on the analysis of LSU sequences, [Extremopsis](#) was placed in [Extremaceae](#) (*Mycosphaerellales*, *Dothideomycetes*). Thus, multi-loci analysis is required for the robust placement of the genus.

References

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- Gorfer M, Blumhoff M, Klaubauf S, Urban A et al. 2011 – Community profiling and gene expression of fungal assimilatory nitrate reductases in agricultural soil. *The ISME Journal: Multidisciplinary Journal of Microbial Ecology*, 5, 1771–1783. <https://doi.org/10.1038/ismej.2011.53>

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(Edited by **Ishara S. Manawasinghe & Chayanard Phukhamsakda**)

Published online 7 April 2023