

Outlineoffungi.org - Note 1531 *Tulosesus*

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Tulosesus D. Wächt. & A. Melzer

Wächter & Melzer (2020) introduced *Tulosesus* within *Psathyrellaceae* (*Agaricales*, *Agaricomycetes*, *Basidiomycota*) to accommodate 39 species of *Coprinellus* s. lat. Their phylogenetic analysis based on ITS, 5.8S rRNA, LSU, TEF1, and β -tubulin placed *Tulosesus* in a sister position to *Coprinellus* s. str. and *Narcissea*. The type species is *T. callinus* (M. Lange & A.H. Sm.) D. Wächt. & A. Melzer. Recently, before the work of Wächter & Melzer (2020), the species of the *Tulosesus* were classified in the section *Setulosi* of the genus *Coprinellus* s. lat., based on their small to medium-sized coprinoid basidiomata combined with elongated pileo- and caulocystidia. Most species from the section *Setulosi* were transferred to the genus *Tulosesus*. Subsequently, *Tulosesus maritimus* D.J. Schaf., Loizides & P. Alvarado was newly described (Schafer et al. 2022). It is a saprotrophic genus with terrestrial, fimicolous, lignicolous or herbicolous species (Uljé 2005).

References

- Uljé CB. 2005 – *Coprinus* Pers. In: Noordeloos ME, Kuyper TW, Vellinga EC (eds), *Flora Agaricina Neerlandica*. Taylor & Francis, Boca Raton, 22–109.
- Schafer D, Alvarado P, Smith L, Liimatainen K et al. 2022 – Coprinoid *Psathyrellaceae* species from Cyprus: three new sabulicolous taxa from sand dunes and a four-spored form of the fimicolous species *Parasola cuniculorum*. *Mycological Progress* 21, 52.
- Wächter D, Melzer A. 2020 – Proposal for a subdivision of the family *Psathyrellaceae* based on a taxon-rich phylogenetic analysis with iterative multigene guide tree. *Mycological Progress* 19, 1151–1265.

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