

Outlineoffungi.org - Note 1534 *Narcissea*

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Narcissea D. Wächt. & A. Melzer

Wächter & Melzer (2020) introduced *Narcissea* within *Psathyrellaceae* (*Agaricales*, *Agaricomycetes*, *Basidiomycota*) to accommodate *N. patouillardii* (Quél.) D. Wächt. & A. Melzer (as the type species) and *N. cordispora* (T. Gibbs) D. Wächt. & A. Melzer, both originally described in the genus *Coprinus*. A phylogenetic analysis based on ITS, 5.8S rRNA, LSU, *TEF1*, and β -*tubulin* revealed *Narcissea* as a well-supported lineage, closely related to *Coprinellus* s. str. and *Tulosesus*. Subsequently, two other *Narcissea* species were newly described, *N. delicata* K.G.G. Ganga, Manim. & K.P.D. Latha (Crous et al. 2023) and *N. lahorensis* Usman & Khalid (Usman et al. 2022), and two species were recombined (*N. ephemeroideus* (DC.) T. Bau, L.Y. Zhu & M. Huang and *N. cardiaspora* (Bender) Voto). Morphologically, the species of this genus are very similar to members of the sections *Niveae* and *Subniveae* of the genus *Coprinopsis* (small, thin-fleshed, coprinoid basidiomata; abundant granular veil on the pileus which consists mainly or partly of (sub)globose elements, which are smooth or with small surface crystals; pileocystidia absent; basidiospores without myxosporium). *Narcissea* species are saprotrophic (fimicolous, on decomposing plant remnants or fertilized soil) (Uljé 2005).

References

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- 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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