

Outlineoffungi.org - Note 1366 *Niveoporia*

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Niveoporia B.K. Cui & Xing Ji

Niveoporia (Polyporaceae, Polyporales, Agaricomycetes, Agaricomycotina, Basidiomycota) was established to accommodate *N. russeimarginata* (B.K. Cui & C.L. Zhao) B.K. Cui & Xing Ji as the type species based on morphology and phylogeny using ITS, LSU, SSU, *tef1*, and *tbb1* sequence data (Ji et al. 2023). *Niveoporia russeimarginata* was isolated from the fallen angiosperm trunk in China (Ji et al. 2023). *Niveoporia decurrata* (Corner) B.K. Cui & Xing Ji, and *N. subrusseimarginata* B.K. Cui & Xing Ji are the other accepted species. In this genus, basidiocarps are perennial and resupinate to pileate. The pores are round. Context is buff to fawn. The hyphal system is dimitic and generative hyphae have clamp connections. Cystidia is absent while cystidioles are present. Basidiospores are ellipsoid, truncate, hyaline, thick-walled, and smooth. Phylogenetically, *Abundisporus* formed a sister clade to *Niveoporia* using ITS, LSU, SSU, *tef1*, and *tbb1* sequence data (Ji et al. 2023).

Reference

Ji X, Sun YF, Wu DM, Gao N et al. 2023 – An updated phylogenetic assessment and taxonomic revision of *Perenniporia sensu lato* (Polyporales, Basidiomycota). *Journal of Fungi* 9(2), 173.

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