

Outlineoffungi.org – Note 1543 *Niveoboletus*

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Niveoboletus Yang Wang, G. Wu, B. Zhang & Yu Li

Niveoboletus is a monotypic bolete genus proposed by [Wang et al. \(2024\)](#) based on unique combination of morphological characters, as well as multigene phylogenetic analyses of ITS, LSU, *tef1-a*, *rpb1*, and *rpb2* loci. The type species, *N. brunneus* Yang Wang, G. Wu, B. Zhang & Y. Li, was described from a broad-leaf forest dominated by *Castanopsis* species in Central China. The genus is primarily defined by the combination of purely white hymenophore which stains light brown when injured, a coarse stipe lacking reticulations, and small, smooth phaseoliform basidiospores. In a multilocus Bayesian tree *N. brunneus* forms a well supported clade, which is sister to *Boletus*, *Tylopilus*, *Strobilomyces*, *Porphyrellus*, and *Imleria* ([Wang et al. 2024](#)).

References

[Wang Y, Ma YH, Wu G, Yang XY et al. 2024 – Polyphasic taxonomy clarifies the relationships between *Butyriboletus* and *Exsudoporus*, and new taxa and reports of Boletaceae from China. *Mycosphere* 15\(1\), 881–953.](#)

Entry by

Elena Zvyagina, Youth Lab of Molecular Genetics, Yugra State University, Khanty-Mansiysk, Chekhova 16, 628011; White Sea Biological Station, Lomonosov Moscow State University, Leninskie Gory, GSP-1, Moscow, 119991, Russian Federation

(Edited by **Boris Assyov**)

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