

## Outlineoffungi.org - Note 1044 *Nothofagiporus*

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*Nothofagiporus* B.K. Cui & Shun Liu

*Nothofagiporus*, a monotypic genus was proposed by Liu et al. (2023) to accommodate *N. venatus* as the type species based on morphological characteristics and phylogenetic analysis of ITS, LSU, *rpb1*, *rpb2*, SSU, mtSSU and *tef1α* sequence data. The type species was isolated from the fallen branch of *Nothofagus cunninghamii* in Australia. Basidiocarps are annual and pileate. Tubes are concolorous with pore surface and corky. The hyphal system is monomitic and generative hyphae are clamped. Cystidia are absent and cystidioles are present. Basidiospores are allantoid in shape, hyaline, and smooth. *Nothofagiporus* differs from *Postia* s.s. by its clay-buff to vinaceous grey pileal surface, developing abundant strands of dark vinaceous or blackish veins (Liu et al. 2023). The taxonomic placement of *Nothofagiporus* is in *Postiaceae*, *Polyporales*, *Agaricomycetes*, *Agaricomycotina*, and *Basidiomycota*.

### Reference

Liu S, Chen YY, Sun YF et al. 2023 – Systematic classification and phylogenetic relationships of the brown-rot fungi within the *Polyporales*. *Fungal Diversity* 118, 1–94. <https://doi.org/10.1007/s13225-022-00511-2>

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