

Outlineoffungi.org - Note 747 *Neoganoderma*

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Neoganoderma B.K. Cui & Y.F. Sun

The monotypic genus *Neoganoderma* is typified by *N. neurosporum* (J.S. Furtado) B.K. Cui & Y.F. Sun, known from dead wood of deciduous trees in Neotropics ([Sun et al. 2022](#)). Phylogenetic analyses based on ITS, nLSU, *rpb2*, *tef1*, mtSSU and nSSU loci indicated its monophyletic placement within *Ganodermataceae* (*Polyporales*, [Agaricomycetes](#), [Basidiomycota](#)) ([Sun et al. 2022](#)). The ganoderma-like basidiomata and haddowia-like ornamentation of the endospore wall make *Neoganoderma* easily confused with [Ganoderma](#) and *Haddowia*. But *Neoganoderma* has unique basidiospores with longitudinal ridges on the endospore wall without obvious traverse ridges, which are equal in length to the basidiospores ([Sun et al. 2022](#)). No asexual morph is known.

Reference

Sun YF, Xing JH, He XL, Wu DM, Song CG, Liu S, Vlasák J, Gates G, Gibertoni TB, Cui BK. 2022 – Species diversity, systematic revision and molecular phylogeny of *Ganodermataceae* (*Polyporales*, *Basidiomycota*) with an emphasis on Chinese collections. *Studies in Mycology* 101, 287–415. <https://doi.org/10.3114/sim.2022.101.05>

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