

## Outlineoffungi.org - Note 1019 *Acyanoboletus*

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*Acyanoboletus* G. Wu & Zhu L. Yang

*Acyanoboletus* was introduced by Wu et al. (2023) to accommodate *A. controversus* as the type species, based on the morphological characteristics and combined phylogenetic analyses of LSU, *tef1*, *rpb1* and *rpb2* sequence data. Another species of the genus is *A. dissimilis*. Compared with other genera in *Boletaceae*, *Acyanoboletus* differs in strongly incurved pileal margin when young, pale yellow context and hymenophore without color changing when bruised, stipe lacking of reticulations, strong unpleasant smell, an intricate trichoderm pileipellis, and smooth basidiospores (Wu et al. 2023). *Acyanoboletus controversus* was found on soil under *Pinus kesiya* var. *langbianensis*, *Quercus*, *Lithocarpus* and *Castanopsis* hosts in China. The taxonomic placement of *Acyanoboletus* is in *Boletaceae*, *Boletales*, *Agaricomycetidae*, *Agaricomycetes*, *Agaricomycotina*, and *Basidiomycota*.

### Reference

Wu G, Li HJ, Horak E, Wu K et al. 2023 – New taxa of *Boletaceae* from China. *Mycosphere* 14(1), 745–776. <https://doi.org/10.5943/mycosphere/14/1/9>

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