

Outlineoffungi.org - Note 1070 *Villoboletus*

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Villoboletus L. Fan & N. Mao

Villoboletus, a monotypic genus was established by Mao et al. (2023) to accommodate *V. persicinus* as the type species, based on morphological characteristics and phylogenetic analysis of LSU, *tef1* α , *rpb1*, and *rpb2* sequence data. The type species was found on the ground in a broadleaf forest dominated by *Quercus* sp. in China. *Villoboletus* is characterized by pileus covered with finely pubescent, yellow hymenophoral surface and yellowish tubes, context turning blue when exposed, and stipe surface covered with plenty of flocculent hairs from the apex to just above the base. Clamp connections are absent (Mao et al. 2023). Morphologically *Butyriboletus* and *Veloboletus* are similar to *Villoboletus*. The taxonomic placement of *Villoboletus* is in *Boletaceae*, *Boletales*, *Agaricomycetidae*, *Agaricomycetes*, and *Basidiomycota*.

Reference

Mao N, Zhao TY, Xu YY, Fan L. 2023 – *Villoboletus persicinus*, gen. et sp. nov. (Boletaceae), a bolete with flocculent-covered stipe from northern China. *Mycologia* 115(2), 255–262. <https://doi.org/10.1080/00275514.2022.2153006>

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