

Outlineoffungi.org - Note 705 *Abtylopilus*

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Abtylopilus Yan C. Li & Zhu L. Yang

Abtylopilus was established based on morphological and multi-locus phylogenetic studies with nrLSU, *tef1*, *rpb1* and *rpb2* sequences ([Li and Yang 2021](#)). The genus is currently placed in *Boletaceae*, *Boletales*, *Agaricomycetes*, *Basidiomycota* ([Li & Yang 2021](#)). *Abtylopilus* differs from other genera in the *Boletaceae* in its nearly glabrous pileus, white to cream hymenophore, fine hymenophore pores (0.3–1 mm wide), initially red and then black discoloration when injured, and palisadoderm pileipellis ([Li & Yang 2021](#)). The asexual morph is unknown. Currently, two species, namely *Abtylopilus scabrosus* Yan C. Li & Zhu L. (type) and *Abtylopilus alborubellus* Yan C. Li & Zhu L. Yang are occurring on soil associated with Fagaceae in China ([Li & Yang 2021](#)).

Reference

Li, YC, Yang, ZL. 2021 – *Anthracoporus* Yan C. Li & Zhu L. Yang. In The Boletes of China: *Tylopilus* s.l. (pp. 49–60). Springer, Singapore. https://doi.org/10.1007/978-981-16-2986-0_7

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