

Outlineoffungi.org - Note 1069 *Tropicoboletus*

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Tropicoboletus Angelini, Gelardi & Vizzini

Tropicoboletus, a monotypic genus was erected by Gelardi et al. (2023) to accommodate *T. ruborculus* (\equiv *Boletus ruborculus*) as the type species, based on morphological characteristics and phylogenetic analysis of *tef1 α* and *rpb2* sequence data. The type species was found on the side of a tree near *Coccoloba* in Puerto Rico. Basidiomata of *Tropicoboletus* are pileate-stipitate, epigeal, and evelate. Basidiospores are smooth, ellipsoid-fusiform in shape. Clamp connections are absent. No specific characteristics were reported for *Tropicoboletus* to differentiate it from other genera in *Boletaceae* and the phylogenetic analysis justified the placement of the genus as it forms an independent clade (Gelardi et al. 2023). The taxonomic placement of *Tropicoboletus* is in *Boletaceae*, *Boletales*, *Agaricomycetidae*, *Agaricomycetes*, and *Basidiomycota*.

Reference

Gelardi M, Angelini C, Biketova AY, Suz LM et al. 2023 – *Coccoloba*-associated xerocomoid boletes (*Boletaceae*) from the Caribbean and Mexico: *Tropicoboletus ruborculus* gen. et comb. nov., revision of *Xerocomus coccolobae*, phylogenetic assessment of *Singerocomus guadelupae* comb. nov., and type studies of *Xerocomus caeruleonigrescens*, *X. cuneipes*, and *X. pseudoboletinus* var. *pini-caribaeae*. *Mycological Progress* 22(4), 29. <https://doi.org/10.1007/s11557-023-01876-7>

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