

Outlineoffungi.org - Note 584 [Yuxiensis](#)

Web-links: [Index Fungorum](#), [Facesoffungi](#), MycoBank

[Yuxiensis](#) Bundhun & K.D. Hyde

[Yuxiensis](#) was introduced by [Bundhun et al. \(2021\)](#) to accommodate a taxon in *Scortechiniaceae* (*Coronophorales*, *Sordariomycetes*) based on morphology together with phylogenetic inference from the analyses of LSU, ITS, TEF-1 α and RPB2 sequence data. This genus was collected from decaying wood, presumably as a saprobe, from Yunnan Province, China and is typified by *Y. granularis*. It is phylogenetically close to *Euacanthia*; but differs from *Euacanthia* in terms of ascomatal position, surface and ascospore ornamentation. In addition, [Yuxiensis](#) has a close phylogenetic affinity to *Pseudocatenomyces*, but this genus is only known in its asexual morph. Thus, *Pseudocatenomyces* cannot be morphologically compared with closely related [Yuxiensis](#) species (Bundhun et al. 2021).

Reference

Bundhun D, Wanasinghe DN, Maharachchikumbura SSN, Bhat DJ, Huang S, Lumyong S, Mortimer PE, Hyde KD – 2021. *Yuxiensis granularis* gen. et sp. nov., a novel quellkörper-bearing fungal taxon added to *Scortechiniaceae* and inclusion of *Parasympodiellaceae* in *Coronophorales* based on phylogenetic evidence. *Life*, 11(10). <https://www.mdpi.com/2075-1729/11/10/1011>

Entry by

Nattawut Boonyuen, National Center for Genetic Engineering and Biotechnology, National Science and Technology Development Agency, Pathum Thani, Thailand

(Edited by **Sajeewa Maharachchimbura & Kevin D. Hyde**)

Published online 26 September 2022