

## Outlineoffungi.org – Note 1537 *Sclerotus*

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### *Sclerotus* Xavier de Lima

*Hymenochaetaceae*, *Hymenochaetales*, *Agaricomycetidae*, *Agaricomycetes*, *Agaricomycotina*, *Basidiomycota*, asexual morph unknown. This is a monotypic polypore genus found associated with dead angiosperm wood in the Brazilian and French Guiana Amazon, possibly saprotrophic. Phylogenetic analyses based on ITS and LSU indicated its phylogenetic position in *Hymenochaetaceae*, and sister to the clade of *Sanghuangporus/Tropicoporus*. Type species is *Sclerotus extensus* (Lév.) Xavier de Lima. The genus was characterized by the strongly ventricose hymenial setae, and the black line that is exposed as a dark crust on the pilear surface after the tomentum wears away. Phylogenetic analysis showed that *S. extensus* has macromorphological plasticity and includes pileate as well as effused-reflexed basidiomata (de Lima et al. 2022).

### Reference

de Lima VX, de Oliveira VR, de Lima-Júnior NC, Oliveira-Filho JR et al. 2022 – Taxonomy and phylogenetic analysis reveal one new genus and three new species in *Inonotus* sl (*Hymenochaetaceae*) from Brazil. *Cryptogamie, Mycologie* 43(1), 1–21.

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