

## Outlineoffungi.org - Note 1062 *Rhodoantrodia*

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***Rhodoantrodia*** B.K. Cui, Y.Y. Chen & Shun Liu

*Rhodoantrodia* was proposed by Liu et al. (2023) to accommodate *R. tropica* as the type species based on the morphological characteristics and phylogenetic analysis of ITS, LSU, SSU, mtSSU, and *rpb2* sequence data. *Rhodoantrodia subtropica* and *R. yunnanensis* are the other accepted species in the genus. The type species was isolated from the dead tree of *Engelhardtia hainanensis* in China. Basidiocarps are annual and resupinate. The subiculum is cream to buff and corky. The hyphal system is dimitic and generative hyphae are clamped. Cystidia and cystidioles are absent. Basidiospores are cylindrical to subfusiform and smooth. *Rhodoantrodia* differs from *Antrodia* s.s. by its light purple to violaceous pore surface when fresh, greyish to pinkish buff upon drying, and cylindrical to subfusiform basidiospores. The taxonomic placement of *Rhodoantrodia* is in *Fomitopsidaceae*, *Polyporales*, *Agaricomycetes*, and *Basidiomycota*.

### Reference

Liu S, Chen YY, Sun YF, He XL et al. 2023 – Systematic classification and phylogenetic relationships of the brown-rot fungi within the *Polyporales*. *Fungal Diversity* 118, 1–94. <https://doi.org/10.1007/s13225-022-00511-2>

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