

## Outlineoffungi.org - Note 719 [Rajchenbergia](#)

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**[Rajchenbergia](#)** Salvador-Montoya, Popoff & Drechsler-Santos

This is a resupinate polypore found predominately on dead angiosperms and distributed mainly in the tropical areas ([Salvador-Montoya et al. 2020](#)). Phylogenetic analyses based on ITS and LSU placed this genus in *Hymenochaetaceae* (*Hymenochaetales*, *Agaricomycetidae*, *Agaricomycetes*, *Agaricomycotina*, *Basidiomycota*) ([Salvador-Montoya et al. 2020](#)). Results also showed *Phellinotus* is a sister taxon to *Rajchenbergia*, with low support by bootstrap and good support by posterior probabilities ([Salvador-Montoya et al. 2020](#)). The type species is *R. pertenuis* Salvador-Montoya, Popoff & Drechsler-Santos. Compared to other species of *Hymenochaetaceae*, the three species of this genus are characterized by annual, resupinate basidioma, poroid hymenophore, subiculum thin, homogenous or with a dark line, monomitic hyphal system without clamps, absence of setae and cystidioles, ellipsoid, broadly ellipsoid to ovoid, thick-walled, yellowish to rusty brown basidiospores ([Salvador-Montoya et al. 2020](#)). The asexual morph is unknown. Those three species have DNA sequence data. *Rajchenbergia* is morphologically similar to *Fomitiporella* and *Arambarria*, but they both have effused-reflexed basidiomata ([Salvador-Montoya et al. 2020](#)). Additionally, *Fomitiporella* has a homogenous context and dimitic hyphal system, while *Arambarria* presents a rudimentary mycelial core in the base of basidiomata ([Salvador-Montoya et al. 2020](#)).

### Reference

Salvador-Montoya CA, Popoff OF, Góes-Neto A, Drechsler-Santos ER. 2020 – Global phylogenetic and morphological reassessment of *Fomitiporella* s.l. (*Hymenochaetales*, *Basidiomycota*): taxonomic delimitation of *Fomitiporella* s.s. and segregation of *Rajchenbergia*, gen. nov. *Plant Systematics and Evolution* 306, 34. <https://doi.org/10.1007/s00606-020-01648-w>

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