

## Outlineoffungi.org - Note 853 *Vesiculophora*

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*Vesiculophora* J.S. Monteiro & R.F. Castañeda, in Monteiro et al.

Monteiro et al. (2022) established *Vesiculophora* to accommodate *V. diversiseptata* as the type species, based on the morphology. No sequence data are available for phylogenetic analyses. This anamorphic taxon is saprobic and reported from decaying wood of an unidentified dicotyledonous plant in Pará, Brazil. *Vesiculophora* is characterized by macronematous, mononematous, branched conidiophores with unilateral and apical vesicles. Conidiogenous cells are monoblastic, integrated, determinate, and cylindrical. Conidiogenous loci are flattened and schizolytic in conidial secession. Conidia are phragmosporous, 1-euseptate at the base, and distoseptate at the rest of the body. Sexual morph was not determined. *Vesiculophora* differs from anamorphic *Ascotricha* spp. and *Sporidesmiella* spp. in the characteristics of conidiophores, conidiogenous cells and conidia. The taxonomic placement of *Vesiculophora* is in *Melanommataceae*, *Pleosporales*, *Dothideomycetes*, and *Ascomycota*.

### Reference

Monteiro JS, Sotão HMP, Santos Ferreira MCd, Rodrigues FdJ et al .2022 – *Vesiculophora diversiseptata* gen. & sp. nov. and *Anapleurothecium clavatum* & *Podosporium simile* spp. nov. from the Brazilian Amazon. Mycotaxon 137 (2), 227–237. <https://doi.org/10.5248/137.227>

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