

## Outlineoffungi.org - Note 1032 *Eoscyphella*

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*Eoscyphella* Silva-Filho, Stevani & Menolli

*Eoscyphella* was introduced by Silva-Filho (2023) to accommodate *E. luciurceolata* as a mono-type species, based on the morphological characteristics and phylogenetic analysis of ITS and LSU sequence data. The type species was isolated from *Solanum swartzianum* in Brazil. *Eoscyphella* is a bioluminescent cyphelloid genus and is characterized by absence of conspicuous long hairs on the receptacle, subglobose to broadly ellipsoid basidiospores, regularly bi-spored basidia, the absence of clamp connections, and the consistent presence of pigmented and encrusted external hyphae. *Woldmaria* forms a sister clade with *Eoscyphella* based on the phylogenetic analysis of ITS and LSU sequence data (Silva-Filho 2023). The taxonomic placement of *Eoscyphella* is in *Cyphellopsidaceae*, *Agaricales*, *Agaricomycetidae*, *Agaricomycetes*, *Agaricomycotina*, and *Basidiomycota*.

### Reference

Silva-Filho AG, Mombert A, Nascimento CC, Nóbrega BB et al. 2023 – *Eoscyphella luciurceolata* gen. and sp. nov. (*Agaricomycetes*) Shed Light on *Cyphellopsidaceae* with a New Lineage of Bioluminescent Fungi. *Journal of Fungi* 9(10), 1004. <https://doi.org/10.3390/jof9101004>

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