

Outlineoffungi.org – Note 1591 *Thomasiella*

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Thomasiella G.H. Jerônimo

Thomasiella, a monotypic genus, was introduced as *Thomasia* by [Jerônimo et al. \(2024\)](#). However, the name *Thomasia* was already assigned to a plant genus within the *Malvaceae*, necessitating the new name, *Thomasiella*. The type species *Thomasiella carolinae* G.H. Jerônimo, was isolated from cellulosic substrates placed in a water collection containing plant detritus in Maine, USA. It is recognized as a saprotrophic species. The type species, characterized in its asexual form, exhibits a monocentric thallus with exogenous development. The zoosporangia are apophysate, and the rhizoids are extensive, featuring multiple axes. Resting spores are thick-walled, contain a central and prominent lipid globule, and are morphologically similar to zoosporangia. Phylogenetic analysis based on LSU and SSU loci places *Thomasiella* as a sister genus to the *Nowakowskiellaceae* family (*Cladochytriales*, *Cladochytriomycetes*, *Cladochytriomycota*).

References

[Jerônimo GH, Simmons DR, Longcore JE et al. 2024 – Investigation of CZEUM cultures reveals new genera and species of *Cladochytriales* \(*Cladochytriomycetes*, *Chytridiomycota*\). *Mycological Progress* 23, 1.](#)

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