

## Outlineoffungi.org - Note 951 [Cinnabaria](#)

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[Cinnabaria](#) Wilk, Pabijan & Lücking.

A saxicolous monotypic genus [Cinnabaria](#) was described from Bolivia to accommodate [Cinnabaria boliviana](#) Wilk & Lücking. The genus formed a distinct clade in the phylogenetic analyses conducted based on ITS, LSU, and SSU with lower statistical support. [Cinnabaria](#) is characterized by a thallus with areolate, sublobate margin, pale yellow-orange, abundant, immersed apothecia with the red disk, polarilocular ascospores that are medium-sized with a thin septum, colorless crystals present inside of the thallus and apothecia and pycnidia are completely immersed or not ([Wilk et al. 2021](#)). The genus shows similar morphological features to species of the “*Caloplaca*” *cinnabarina* group, especially “*Caloplaca*” *montisfracti* and “*Caloplaca*” *rubelliana*. However, it differs from “*Caloplaca*” *cinnabarina* in the presence of yellowish and distinctly larger thallus, with thicker thalline cortex and larger apothecia and ascospores. Further, [Cinnabaria](#) differs from “*Caloplaca*” *rubelliana* in the presence of gray-orange to orange, thin thallus that lacks lobules at the margins, and a gray prothallus ([Wetmore and Kärnefelt 1999](#), [Kondratyuk et al. 2007](#), [Wilk et al. 2021](#)). The taxonomic placement of [Cinnabaria](#) is in *Teloschistaceae*, *Teloschistales*, *Lecanoromycetidae*, *Lecanoromycetes*, *Pezizomycotina* and *Ascomycota*.

### References

- Kondratyuk SY, Kärnefelt I, Elix JA, Thell A. 2007 –New species of the genus *Caloplaca* in Australia. *Bibliotheca Lichenologica* 95, 341–386. <file:///C:/Users/Acer/Downloads/621.Kondratyuk.pdf.02.01.pdf>
- Wetmore CM, Kärnefelt EI 1999 – What is *Caloplaca cinnabarina* ? *Bryologist* 102, 683–691. <https://doi.org/10.2307/3244255>
- Wilk K, Pabijan M, Sařuga M, Gaya E, Lücking R 2021 – Phylogenetic revision of South American *Teloschistaceae* (lichenized *Ascomycota*, *Teloschistales*) reveals three new genera and species. *Mycologia* 113(2), 278–299. <https://doi.org/10.1080/00275514.2020.1830672>

### Entry by

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