

Outlineoffungi.org - Note 1047 *Nimisora*

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Nimisora Pérez-Ort., M. Svenss. & J.C. Zamora

Nimisora iberica Pérez-Ort., Turégano, M. Svenss. & J.C. Zamora was classified within the newly established monotypic genus *Nimisora* under *Lecanoraceae* by Pérez-Ortega et al. in 2023. The taxonomic placement was confirmed through detailed morphological examination and phylogenetic analyses, which incorporated sequence data from ITS, LSU, and SSU regions. The type strain was found on the bark of *Cistus ladanifer* in Spain. The conidiomata have not been observed. The genus is distinguished by crustose thalli, lecideoid apothecia, thick-walled excipulum, simple to branched paraphyses, bacidia-type ascus, and colorless ascospores. *Nimisora* exhibits morphological and anatomical characteristics that align with species from genera such as *Lecidella*, *Japewia*, *Japewiella*, *Palicella*, and *Traponora*. These genera are distinguished by differences in exciple structure, pigmentation, paraphyses morphology, ascus type, ascospore features, and chemical composition. Phylogenetically, *Nimisora* formed a sister clade with *Ramboldia* using ITS, LSU, and SSU sequence data (Pérez-Ortega et al. 2023).

Reference

Pérez-Ortega S, Turégano Y, Svensson M, Zamora JC. 2023 – *Nimisora* (*Lecanoraceae*, *Ascomycota*), a new genus for a common lecideoid epiphytic species from the central Iberian Peninsula. *The Lichenologist* 55(5), 335–345.

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