

Outlineoffungi.org - Note 973 *Spiririma*

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Spiririma Voglmayr, J. Fourn., Tello & Jaklitsch

Based on morphological characteristics and phylogenetic analysis of combined ITS, LSU, RPB2 and TUB2 sequence data, Voglmayr et al. (2022) introduced *Spiririma* as a monotypic genus to accommodate *Spiririma gaudefroyi* Voglmayr, J. Fourn., Tello & Jaklitsch as the type species. It was previously identified as *Rosellinia gaudefroyi* which is detailed by Voglmayr et al. (2022). *Spiririma* has been inconsistent and unclear due to a lack of detailed descriptions and illustrations of its ascomatal characters. Various species have been confused with *Spiririma*. Voglmayr et al. (2022) re-collected the specimens identified as *S. gaudefroyi* from the trunk base of *Quercus pubescens* in France and the bark of the living trunk of *Quercus ilex* in Spain and designated a lectotype and epitype, respectively. *Spiririma* is known only from its sexual morph, and is characterized by ascomata with a coarsely papillate ostiole beneath a black clypeus, covered by a thin white pellicle, brown, ellipsoid ascospores with a spirally coiling germ slit and small bipolar secondary appendages. The asexual morph was not observed on the natural substrate (Voglmayr et al. 2022). *Spiririma gaudefroyi* resembles *Anthostomella lamiacearum* by having a spirally coiling germ slit. The phylogenetic evidence obtained from the analysis of ITS, LSU, RPB2 and TUB2 sequence data supports it as a distinct lineage (Voglmayr et al. 2022). The taxonomic placement of *Spiririma* is in *Induratiaceae*, *Xylariales*, *Sordariomycetes*, *Ascomycota* (Voglmayr et al. 2022).

Reference

Voglmayr H, Tello S, Jaklitsch WM, Friebe G, Baral HO & Fournier J. 2022 – About spirals and pores: Xylariaceae with remarkable germ loci. *Persoonia* 49(1), 58–98. <https://doi.org/10.3767/persoonia.2022.49.02>

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Published online 5 April 2024