

Outlineoffungi.org - Note 1223 *Nakagariella*

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Nakagariella P. Correia, E. Azevedo & M.F. Caeiro

Nakagariella was introduced by [Correia et al. \(2023\)](#) as a monotypic genus to accommodate *N. filiformis* (Nakagiri) P. Correia, E. Azevedo & M.F. Caeiro based on the morphology and phylogenetic analysis. This genus is classified in *Halosphaeriaceae*, *Microascales*, *Sordariomycetes*. Only the sexual morph has been reported in this genus and it is saprobic and can be found in sandy beach environments ([Correia et al. 2023](#)). *Nakagariella* is characterized by carbonaceous, superficial, solitary, and globose to sub-globose ascomata without paraphyses. The peridium consists of three layers: a flattened cell arrangement in the inner layer, a thick-walled cell structure in the outer layer, thin-walled, polygonal, or rounded cell structure in the middle layer. Asci are unitunicate, 8-spored, and show early deliquescing. Ascospores are multiseptated, filiform, hyaline, lacking polar spines, and featuring equatorial secondary appendages. *Nakagariella* was derived from the basionym, *Corollospora filiformis* Nakagiri. Morphologically, *Nakagariella* is distinguished from *Corollospora* (*C. filiformis*) ([Nakagiri 1989](#)) based on having two-layered peridium, fusiform, or sub-ellipsoidal ascospores with polar spines ([Correia et al. 2023](#)). Based on ITS and LSU phylogenetic analysis placed *Nakagariella filiformis* in a distinct clade sister to *Keraliethelia*.

References

- Correia P, Azevedo E, Caeiro MF. 2023 – Redefining the genus *Corollospora* based on morphological and phylogenetic approaches. *Journal of Fungi*. 8, 841–882. <https://doi.org/10.3390/jof9080841>
- Nakagiri A. 1989 – Marine fungi in sea form from Japanese coast. The Institute for Fermentation Osaka, IFO Research Communications. 14, 52–79. <https://doi.org/10.1515/bot.2011.013>

Entry by

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Published online 8 May 2024