Outlineoffungi.org - Note 1011 *Appendopyricularia*

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Appendopyricularia Crous & Osieck

Appendopyricularia is a monospecific genus accommodating *Appendopyricularia juncicola* Crous & Osieck based on the morphological characteristics and phylogenetic analysis of ITS and LSU sequence data. The type species was isolated on a dead culm of *Juncus effusus* (*Juncaceae*) in Netherlands (Crous et al. 2022). The genus is known only from its asexual morph and is characterized by having dimorphic, solitary, or in 2–3 fascicles of conidiophores; subcylindrical, hyaline, smooth, geniculate-sinuous microconidiophores; subcylindrical, straight to curved to geniculate-sinuous, brown, thick-walled, 1 to 2-septate macroconidiophores; integrated, terminal, subcylindrical, on occasion slightly clavate; subdenticulate, denticles cylindrical conidiogenous cells with one to several per conidiogenous cell; solitary, hyaline, smooth, guttulate, fusoid to fusoid-ellipsoid, 0–2-septate, hilum truncate conidia with flexuous central apical appendage. *Appendopyricularia* shares solitary, pigmented conidiophores that terminate in denticulate conidiogenous cells, as in the *Pyricularia* complex but differs in having hyaline, fusoid to fusoid-ellipsoid conidia, and flexuous central apical appendage, with conidia arranged in an apical circle, and curved upwards (Klaubauf et al. 2014, Crous et al. 2022). The taxonomic placement of *Appendopyricularia* is in *Barbatosphaeriaceae*, *Diaporthomycetidae*, *Dothideomycetes*, *Pezizomycotina*, and *Ascomycota*.

References

Crous PW, Boers J, Holdom D, Osieck ER, et al. 2022 – Fungal Planet description sheets: 1383–1435. Persoonia 48, 261–371. https://doi.org/10.3767/persoonia.2022.48.08

Klaubauf S, Tharreau D, Fournier E, Groenewald JZ, Crous PW, de Vries RP, Lebrun MH. – 2014. Resolving the polyphyletic nature of *Pyricularia* (*Pyriculariaceae*). Studies in Mycology 79, 85–120. https://doi:10.1016/j.simyco.2014.09.004

Entry by

Milan C. Samarakoon, Department of Entomology and Plant Pathology, Faculty of Agriculture, Chiang Mai University, Chiang Mai 50200, Thailand.

(Edited by **Maryam Tavakol Noorabadi** & **Kevin D. Hyde**)

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