

Outlineoffungi.org - Note 1398 *Ageratinicola*

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Ageratinicola L. Lu, K.D. Hyde & Tibpromma 2023

The monotypic genus *Ageratinicola* was established by Senanayake et al. (2023) to accommodate *A. kunmingensis* L. Lu, K.D. Hyde & Tibpromma based on combined ITS, SSU, and LSU sequence data. The taxonomic placement of the type species is in *Ageratinicolaceae*, *Pleosporales*, *Pleosporomycetidae*, and *Ascomycota* (Senanayake et al. 2023). The type species was collected on the dead stems of *Ageratina adenophora* in China. In the new genus, only the asexual structures have been observed. The conidiomata are pycnidial, globose to subglobose, and solitary or aggregated, with multi-layered walls. Conidiophores are reduced to conidiogenous cells, which are enteroblastic, doliiform or cylindrical-shaped, and hyaline. Conidia are multi-shaped, smooth-walled, and with or without mucilaginous sheath. *Ageratinicola* and *Foliophoma* form sister clades with *Ageratinicola* based on combined ITS, LSU, and SSU sequence data. In terms of morphology, *Ageratinicola* can be distinguished from the *Foliophoma* species by its brown and muriform conidia.

Reference

Senanayake IC, Rossi W, Leonardi M, Weir A et al. 2023 – Fungal diversity notes 1611–1716, taxonomic and phylogenetic contributions on fungal genera and species emphasis in south China. *Fungal Diversity* 12, 1–243.

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