

Outlineoffungi.org - Note 1399 *Alloeutypa*

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Alloeutypa Hai X. Ma, Z.E. Yang & Yu Li

Ma et al. (2023) introduced *Alloeutypa* under *Diatrypaceae* (*Xylariales*, *Xylariomycetidae*, *Sordariomycetes* *Sordariomycetidae*, *Pezizomycotina*, *Ascomycota*) to accommodate two species based on morphology and phylogenetic analyses using ITS and *tub2* sequence data. This genus was typified by *Alloeutypa milinensis* Hai X. Ma, Z.E. Yang & Yu Li and *A. flavovirens* (Pers.) Hai X. Ma & Z.E. Yang is the other accepted species. The type species was isolated from dead branches of angiosperm plant in China. In the new genus, stromata are scattered on the host, pustulate, and superficial. Endostroma is constructed of the outer layer of black, small, and dense with globose to subglobose perithecium. Paraphyses are elongate, hyaline, filiform, unbranched, and septate. Asci are eight-spored, unitunicate, and clavate-shaped with allantoid, aseptate, and slightly curved ascospores. The asexual structure has not been determined. *Alloeutypa* can be easily distinguished from *Eutypa* sensu stricto due to its unique characteristics, such as the green interior of the stromata and its discrete, *Diatrype*-like appearance (Ma et al. 2023).

References

Ma HX, Yang ZE, Song ZK, Qu Z et al. 2023 – Taxonomic and phylogenetic contributions to *Diatrypaceae* from southeastern Tibet in China. *Frontiers in Microbiology* 14, 1073548.

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Published online 18 June 2024