

## Outlineoffungi.org - Note 544, [Mangifericomex](#)

[Mangifericomex](#) E.F. Yang & Tibpromma

[Yang et al. \(2022\)](#) introduced [Mangifericomex](#) within *Pleosporales* genera *incertae sedis* with *M. hongheensis* as the type species. This monotypic genus was associated with *Mangifera indica* (mango) in China. It has a unique small epidermal clypeus with a thick ascomatal wall which is continuous with the clypeus. [Mangifericomex](#) is similar to botryosphaeria-like genera, but differs in having brown, muriform ascospores ([Phillips et al. 2019](#); Wu et al. 2021; [Yang et al. 2022](#)). [Mangifericomex hongheensis](#) is allied with *Brunneoclavispora bambusae* (strain MFLUCC 11-0177), but is phylogenetically a distinct lineage. The genus formed a distinct clade distant from *Didymosphaericeae* (suborder *Massarinae*) and *Halotthiaceae*, where the type strain of *Brunneoclavispora bambusae* (MFLUCC 11-0177) was assigned ([Ariyawansa et al. 2015](#); [Tanaka et al. 2015](#)). The tree in [Yang et al. \(2022\)](#) has a few problems. *Brunneoclavispora bambusae* (MFLUCC 11-0177) previously clustered in *Halotthiaceae* ([Ariyawansa et al. 2015](#); [Hyde et al. 2020](#)); this family is included in [Yang et al. \(2022\)](#). However, the strain of *Brunneoclavispora bambusae* is unstable so the placement could possibly change. The family is not properly labelled, it is not *Didymosphaericeae*, it should also be *Pleosporales* genus *incertae sedis*. *Didymosphaericeae* in the tree was labelled as *Apiosporaceae* so this could be the reason why the former family was misplaced. Thus, further analysis of [Mangifericomex](#) is needed.

### Reference

- Ariyawansa HA, Hyde KD, Jayasiri SC, Buyck B et al. 2015 – Fungal diversity notes 111–252—taxonomic and phylogenetic contributions to fungal taxa. *Fungal Diversity* 75, 27–274, <https://link.springer.com/article/10.1007/s13225-016-0366-9>
- Hyde KD, Dong Y, Phookamsak R, Jeewon R et al. 2020 – Fungal diversity notes 1151–1276: taxonomic and phylogenetic contributions on genera and species of fungal taxa. *Fungal Diversity* 100, 5–277, <https://link.springer.com/article/10.1007/s13225-020-00439-5>
- Phillips AJ, Hyde KD, Alves A, Liu JK 2019 – Families in *Botryosphaeriales*: a phylogenetic, morphological and evolutionary perspective. *Fungal Diversity* 94, 1–22, [https://www.researchgate.net/publication/329144702\\_Families\\_in\\_Botryosphaeriales\\_a\\_phylogenetic\\_morphological\\_and\\_evolutionary\\_perspective](https://www.researchgate.net/publication/329144702_Families_in_Botryosphaeriales_a_phylogenetic_morphological_and_evolutionary_perspective)
- Tanaka K, Hirayama K, Yonezawa H, Sato G et al. 2015 – Revision of the *Massarineae* (*Pleosporales*, *Dothideomycetes*). *Studies in Mycology* 182, 75–136., <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4774272/>
- Yang EF, Tibpromma S, Karunarathna SC, Phookamsak R et al. 2022 – Taxonomy and phylogeny of novel and extant taxa in *Pleosporales* associated with *Mangifera indica* from Yunnan, China (Series I). *Journal of Fungi* 8, 152, <https://www.mdpi.com/2309-608X/8/2/152>

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