

## Outlineoffungi.org - Note 1160 *Ramoconidiophora*

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### *Ramoconidiophora* S. Bien & Damm

*Ramoconidiophora* is a monotypic genus, the type species *R. euphorbiae* being described originally as *Collophorina euphorbiae* from a strain isolated from a healthy *Euphorbia polycaulis* plant (Nasr et al. 2018). *Ramoconidiophora euphorbiae* is yeast-like on synthetic nutrient-poor agar medium, producing abundant conidia within hyphae (i.e., endospores), from conidiogenous cells on hyphae, within closed conidiomata, and via microcyclic conidiation. Its position within *Tympanidaceae* was supported in the multigene analysis of Johnston (2022). Morphologically, these yeast-like taxa within *Tympanidaceae* are difficult to distinguish based on asexual morphs; *R. euphorbiae* differs by its conidiomatal conidiophores that develop branches at almost each septum and conidiogenous openings that are almost exclusively formed terminally (Bien et al. 2020).

### References

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- Johnston PR. 2022 – *Leotiomyces* phylogeny updated. Manaaki Whenua – Landcare Research Datastore. <https://doi.org/10.7931/gx9a-c781>
- Nasr S, Bien S, Soudi MR, Alimadadi N et al. 2018 – Novel *Collophorina* and *Coniochaeta* species from *Euphorbia polycaulis*, an endemic plant in Iran. *Mycological Progress* 17, 755–771. <https://doi.org/10.1007/s11557-018-1382-9>

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