

## Outlineoffungi.org - Note 1341 *Pulvinaticonidioma*

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***Pulvinaticonidioma*** X. Tang, Jayaward., J.C. Kang & K.D. Hyde

The monotypic genus *Pulvinaticonidioma* was erected by Tang et al. (2023) under *Diaporthaceae* (*Diaporthales*, *Diaporthomycetidae*, *Sordariomycetes*, *Pezizomycotina*, *Ascomycota*) to accommodate *P. hyalinum* X. Tang, Jayaward., J.C. Kang & K.D. Hyde, based on morphological characters and phylogenetic analyses using ITS, LSU, *tef1-α*, and *rpb2* sequence data. The type species was isolated from the fruits of *Dipterocarpaceae* in Thailand. In *Pulvinaticonidioma*, only asexual morph has been observed. In this genus, conidiomata are solitary, pycnidial, subglobose, unilocular, and thick-walled. Conidiophores are hyaline and reduced to conidiogenous cells. Conidiogenous cells are phialidic, cylindrical to ampulliform, smooth-walled, and hyaline. Conidia are hyaline, cylindrical, straight, unicellular, and aseptate. Phylogenetically (a combined dataset of ITS, LSU, *tef1-α*, and *rpb2* sequence data), *Pulvinaticonidioma* is closely related to *Chrysomorbus*. Both genera have a coelomycetous asexual morph. However, *Pulvinaticonidioma* is distinguished from *Chrysomorbus* by its unique characteristics of conidiomata and conidia (Tang et al. 2023).

### References

Tang X, Lu YZ, Dissanayake LS, Goonasekara ID et al. 2023 – Two new fungal genera (*Diaporthales*) found on *Dipterocarpaceae* in Thailand. *Frontiers in Microbiology* 14, 1169052.

### Entry by

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