

Outlineoffungi.org - Note 821 *Pseudocerradoa*

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Pseudocerradoa M. Ebinghaus & Dianese

Based on analysis of a combined dataset of LSU, SSU and CO3 gene regions, Ebinghaus et al. (2022) introduced *Pseudocerradoa* to accommodate *P. paullula* (Syd. & P. Syd.) Ebinghaus & Dianese (\equiv *Puccinia paullula* Syd. & P. Syd.) and *P. raphidophorae* (Syd.) M. Ebinghaus & Dianese (\equiv *Puccinia raphidophorae* Syd.). *Pseudocerradoa paullula* is the type species of the genus and was originally described as a rust pathogen on leaves of *Amorphophallus* sp. from the Philippines (Sydow & Sydow 1913), while *P. raphidophorae* was described on leaves of *Rhaphidophora merrillii* (= *Epipremnum pinnatum*) in the Philippines (Sydow & Petrak 1928). *Pseudocerradoa paullula* is autoecious and produces uredinia and telia on species of *Araceae*. The genus is characterized by uredinia and telia sporogenous cells which always remain confined to the stomatal cavity, whereas in the phylogenetically related *Cerradoa*, they emerge from the stomata. In addition, *Cerradoa* infects palms (*Arecaceae*). Based on phylogenetic inferences from analysis of LSU, SSU and CO3 datasets, *Pseudocerradoa* is in a well-supported clade and sister to the rust genus *Cerradoa* (Ebinghaus et al. 2022). The evidence of Ebinghaus et al. (2022) clearly places *Pseudocerradoa* in the family *Pucciniaceae*, *Uredinineae*, *Pucciniales*, *Pucciniomycetes*, *Pucciniomycotina*, and *Basidiomycota*.

References

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