

## Outlineoffungi.org – Note 1566 *Calocybella*

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### *Calocybella* Vizzini, Consiglio & Setti

*Calocybella*, a phylogenetically circumscribed agaricoid genus in the *Lyophyllaceae*, contains eight species described worldwide (Vizzini et al. 2015, 2017; Corriol et al. 2017; Latha et al. 2016, 2020; Crous et al. 2021; Liu et al. 2024). The genus was originally introduced to accommodate *Rugosomyces pudicus* and remained monotypic with the type species *C. pudica* known exclusively from Europe for several years (Vizzini et al. 2015). Latha et al. (2016) described three new species of *Calocybella* from Kerala State, India, marking the first report of the genus outside of Europe. Corriol et al. (2017) synonymized *C. pudica* with *C. juncicola* but according to priority rules, *C. juncicola* takes precedence over *C. pudica*. A morphological circumscription of the genus is difficult because of the fluidity of the morphological characters. The originally proposed diagnostic features of the genus such as a reddening context and basidiospores with a *Rhodocybe*-like verruculose ornamentations were subsequently found to be inconsistent. *Calocybella* species have collybioid or slenderly tricholomatoid basidiocarps, a cutis- or a trichoderm-type pileipellis, and clamped hyphae (Vizzini et al. 2015, 2017; Latha et al. 2016). The known species are *C. babruka*, *C. dicholamellata*, *C. lohitha* and *C. swetha* (India); *C. juncicola* (Europe), *C. dominicana* and *C. goethei* (Dominican Republic) and *C. sribuabanensis* (Thailand) (Vizzini et al. 2015; Latha et al. 2016, Vizzini et al. 2017; Corriol et al. 2017; Latha et al. 2020, Crous et al. 2021; Liu et al. 2024).

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(Edited by **Kevin D. Hyde**)

Published online 23 September 2024