

## Outlineoffungi.org - Note 846 *Praearthromyces*

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***Praearthromyces*** T.J. Baroni, T.W. Kuyper & van de Peppel

*Praearthromyces* was proposed by van de Peppel et al. (2022) to accommodate *P. corneri* as the type species, based on morphological characteristics and phylogenetic analysis of ITS, LSU and *tef1α* sequence data. The type species was isolated from the dead wood and soil in Malaysia. *Praearthromyces griseus* is the other accepted species in the genus. *Praearthromyces* species are characterized by tephrocoid or collybioid or mycenoid habit with narrow, densely crowded lamellae, thin, deeply rooting pseudorhiza, no clamp connections, cheilocystidia variously shaped and mostly lacking internal pigments or resinous materials. Phylogenetically *Praearthromyces* is distinct based on the molecular profile of combined ITS, LSU and *tef1α* sequences (van de Peppel et al. 2022). The taxonomic placement of *Praearthromyces* is in *Agaricales*, *Agaricomycetidae*, *Agaricomycetes*, and *Basidiomycota*.

### Reference

van de Peppel LJ, Aime MC, Læssøe T, Pedersen OS et al. 2022 – Four new genera and six new species of lyophylloid agarics (*Agaricales*, *Basidiomycota*) from three different continents. *Mycological Progress* 21(10), 85. <https://doi.org/10.1007/s11557-022-01836-7>

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