

## Outlineoffungi.org - Note 843 *Aurantipostia*

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*Aurantipostia* B.K. Cui & Shun Liu

*Aurantipostia* was erected by Liu et al. (2022) to accommodate *Aurantipostia macrospora* B.K. Cui & Shun Liu as a mono type species based on the morphological characteristics and phylogenetic analysis of ITS, LSU, SSU, *tef1* and RPB2 sequence data. *Aurantipostia* was isolated from on dead part of the living of *Eucalyptus* sp. in Australia. Microscopically, *Aurantipostia* is characterized by monomitic hyphal system with clamped generative hyphae, absence of cystidia, presence of cystidioles, and smooth, thin-walled, hyaline, oblong ellipsoid, acyanophilic, inamyloid and non-dextrinoid basidiospores, and causing brown rot in the host. *Aurantipostia* formed a well-resolved clade to the related genera *Nothofagiporus* and *Ptychogaster*. and distinct from *Postia* s.s. *Aurantipostia* significantly differs from the other related genera, by having flabelliform to irregular pileus, pale-buff to apricot orange pileal surface, corky cream coloured context and cream to orange-yellow pores surface. The taxonomic placement of *Aurantipostia* is in *Postiaceae*, *Polyporales*, [Agaricomycetes](#), [Agaricomycotina](#), [Basidiomycota](#).

### Reference

Liu S, Chen YY, Sun YF, He XL et al. 2022 – Systematic classification and phylogenetic relationships of the brown-rot fungi within the *polyporales*. *Fungal Diversity* 118(1), 1–94. <https://doi.org/10.1007/s13225-022-00511-2>

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