

Outlineoffungi.org - Note 896 *Tenuipostia*

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Tenuipostia B.K. Cui & Shun Liu,

Tenuipostia was proposed by Lui et al. (2022) as a monotypic genus. Based on the combined sequence analyses of ITS, LSU, SSU, mtSSU, *TEF1*, *RPB2*, and morphological characters, this genus formed a distinct lineage from *Postia* s.s and the type species *T. dissecta* (Cooke) B.K. Cui & Shun Liu (\equiv *Tyromyces floriformis* (Quel.) Bond. & Sing.) has been accepted under this genus. *Tyromyces floriformis* previously reported from Argentina and Chile then was placed in the genus *Postia* as *P. dissecta* (Cooke) Rajchenb. (Rajchenberg, 1983, 1987). Huckfeldt and Schmidt (2017) based on phylogenetic analysis of ITS sequences placed *P. dissecta* under the genus *Oligoporus*. However, *P. dissecta* formed a separate lineage away from *Oligoporus* clade (Shen et al. 2019). Phylogenetically, *Tenuipostia* is distinct from *Postia* s.s. clade and nested closely with the genus *Austropostia*. Morphologically, *Tenuipostia* is characterized by its annual pileate basidiocarps. The pileal surface clay-buff to dirty light brown. The pore surface is white to buff. Context is white, corky to slightly fragile. Tubes are concolorous with pore surface, fragile. The hyphal system; monomitic, generative hyphae clamped, IKI–, CB–. Cystidia are absent, cystidioles present. Basidiospores oblong to ellipsoid, colorless, thin to slightly thick, smooth, IKI–, CB–. Only one species has been accepted for *Tenuipostia* that reported from Argentina, Australia and Chile. The taxonomic placement of *Tenuipostia* is in *Postiaceae*, *Polyporales*, and *Agaricomycetes*.

References

- Huckfeldt T, Schmidt O. 2017 – *Oligoporus dissectus* comb. nov., ein Braunfaule-Erreger in Gebauden, Erstfund für Deutschland. *Z Mykol* 83, 57–69. http://www.hausschwamminfo.de/Homepage_Institut/Saftporlinge_Z_Mykol_83_Huckfeldt_Schmidt.pdf
- Liu S, Chen YY, Sun YF, He XL, Song CG, Si J, Liu DM, Gates G, Cui BK. 2023 – Systematic classification and phylogenetic relationships of the brown-rot fungi within the *polyporales*. *Fungal Diversity*. <http://dx.doi/10.1007/s13225-022-00511-2>.
- Rajchenberg M. 1983 – Basidiomicetos xilofilos de la region *Andinopatagonica*. Adiciones y correcciones I. *Boletin de la Sociedad Argentina de Botanica* 22, 41–56. <https://botanicaargentina.org.ar/wp-content/uploads/2018/09/41-56004.pdf>
- Rajchenberg M. 1987 – *Xylophilous* (*Aphylophorales*, *Basidiomycetes*) from the southern Andean forests. *Sydowia* 40, 235–249. https://www.zobodat.at/pdf/Sydowia_40_0235-0249.pdf
- Shen LL, Wang M, Zhou JL, Xing JH, Cui BK, Dai YC. 2019 – Taxonomy and phylogeny of *Postia*. Multi-gene phylogeny and taxonomy of the brown-rot fungi: *Postia* (*Polyporales*, *Basidiomycota*) and related genera. *Persoonia* 42, 101–126. <http://dx.doi.org/10.3767/persoonia.2019.42.05>

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