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[Poriella](#) C.L. Zhao

[Poriella](#) is a polyporoid and saprotrophic genus that grows on conifers, rarely on hardwood, where it causes white rot and has been mainly recorded in temperate but has also been documented in tropical forests; known from Asia, North America and Europe ([Chen et al. 2021](#)). Phylogenetic analyses based on ITS, LSU, mtSSU and *tefl* indicated its phylogenetic position in *Polyporaceae* (*Polyporales*, *Incertae sedis*, *Agaricomycetes*, *Agaricomycotina*, *Basidiomycota*) ([Chen et al. 2021](#)). Phylogenetic data also showed [Poriella](#) is closely related to *Yuchengia narymica* (Pilát) B.K. Cui, C.L. Zhao & K.T. Steffen and *Vanderbylia* D.A. Reid (Chen et al. 2021). [Poriella](#) is a monotypic genus and the type species is [Poriella subacida](#) (Peck) C.L. Zhao [= *Perenniporia subacida* (Peck) Donk] ([Chen et al. 2021](#)). [Poriella](#) is characterized by producing resupinate to effused-reflex basidiomata with dingy yellowish to pale tan to ochraceous surface, di-trimitic hyphal system with unbranched and strongly dextrinoid skeletal hyphae, and non-dextrinoid, cyanophilous, ellipsoid, non-truncate, hyaline, thick-walled basidiospores ([Chen et al. 2021](#)). The asexual morph is unknown. [Poriella subacida](#) has also been recorded from Africa; however, representative samples from this region were not included in the phylogenetic analysis by [Chen et al. \(2021\)](#). Therefore, it is necessary to include samples from this continent to know if they correspond to [Poriella subacida](#) and confirm its wide tropical distribution.

Reference

Chen R, Karunarathna SC, Zhao CL. 2021 - *Poriella subacida* gen. & comb nov. for *Perenniporia subacida* (Peck) Donk. *Agronomy* 11, 1308. <https://doi.org/10.3390/agronomy11071308>

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