

Outlineoffungi.org – Note 1310 *Podocarpioporus*

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Podocarpioporus Y.C. Dai, Yuan Yuan & Meng Zhou.L. Zhao

Zhou et al. (2023) introduced *Podocarpioporus* within *Hymenochaetales* (*Agaricomycetes*, *Basidiomycota*) to accommodate two wood-decomposing species, *P. podocarpi* (Y.C. Dai) Y.C. Dai, Yuan Yuan & Meng Zhou and *P. vinaceobrunneus* (Corner) Y.C. Dai, Yuan Yuan & Meng Zhou (Zhou et al. 2023). The genus is characterized by annual basidiomata, which are resupinate, effused-reflexed to pileate; with a pileus surface tomentose that is sulcate and zonate, ranging in color from cinnamon to vinaceous fuscous brown. The hymenophore is poroid to irpicoid and the hymenium color varies from clay-buff, brown to vinaceous. The hyphal system is dimitic with generative hyphae having clamp connections and occasional skeletal hyphae with simple septa, with tissue darkening but otherwise unchanged in KOH. Cystidia are occasionally encrusted at the apex, and the basidiospores are allantoid, colorless, thin-walled, smooth, and negative in Melzer's reagent (Dai et al. 2009, Hattori 2001, Zhou et al. 2023). The genus is distributed in tropical Asia (China and Malaysia) growing on woody hosts of *Podocarpaceae*. Molecular analyses of the multi-locus dataset (ITS, LSU, SSU, mtSSU, and *tef1*) confirmed that the genus belongs to a monophyletic clade, but only *P. podocarpi* was phylogenetically analyzed. The DNA sequences of *P. vinaceobrunneus* have not been published till now.

References

- Dai YC, Cui BK, Yuan HS. 2009 – *Trichaptum* (*Basidiomycota*, *Hymenochaetales*) from China with a description of three new species. *Mycological Progress* 8, 281–287.
- Hattori T. 2001 – Type studies of the polypores described by E.J.H. Corner from Asia and West Pacific Areas 2. Species described in *Gloeophyllum*, *Heteroporus*, *Microporellus*, *Oxyporus*, *Paratrichaptum*, and *Rigidoporus*. *Mycoscience*. 42, 19–28.
- Zhou M, Dai Y, Vlasák J, Liu H et al. 2023 – Updated systematics of *Trichaptum s.l.* (*Hymenochaetales*, *Basidiomycota*). *Mycosphere* 14, 815–917.

Entry by

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