

Outlineoffungi.org - Note 827 *Pseudohydropus*

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Pseudohydropus Vizzini & Consiglio

Pseudohydropus was introduced by Consiglio et al. (2022) to accommodate *P. floccipes* (Fr.) Vizzini & Consiglio as the type. This is an agaricoid genus, saprotrophic, lignicolous, found on ± buried wood. Currently, four species of *Pseudohydropus* have been described by Consiglio et al. (2022) worldwide. Phylogenetic analyses based on ITS and LSU (28S) sequences indicated its phylogenetic position within *Porotheleaceae* as sister to a clade consisting of *Porotheleum* Fr. and *Pulverulina* Matheny & K.W. Hughes. Compared with the other genera within *Porotheleaceae*, species of *Pseudohydropus* are distinguished by their mycenoid habit, globose to largely ellipsoid, inamyloid basidiospores, presence of hymenial cystidia (cheilo- and pleurocystidia), caulocystidia and pileocystidia, and a pileipellis as xero- to ixocutis with abundant, clavate pileocystidia. *Hydropus* Kühner ex Singer s. stricto, typified with *H. fuliginarius* (Batsch) Singer differs mainly in the amyloid basidiospores, and absence of pleurocystidia (Kühner 1938, Singer 1982, Robich 1992, Hausknecht et al. 1997, Esteve-Raventós et al. 2002, Vizzini et al. 2022). The asexual morph is unknown. The taxonomic placement of *Pseudohydropus* is in *Porotheleaceae*, *Agaricales*, *Agaricomycetidae*, *Agaricomycetes*, *Agaricomycotina*, and *Basidiomycota*.

References

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