

Outlineoffungi.org - Note 1368 *Pseudotrachaptum*

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Pseudotrachaptum Y.C. Dai, Yuan Yuan & Meng Zhou

Based on morphological and phylogenetic analyses, Zhou et al. (2023) erected *Pseudotrachaptum* to accommodate *P. laricinum* (P. Karst.) Y.C. Dai, Yuan Yuan & Meng Zhou. *Pseudotrachaptum* is characterized by its coriaceous pilei with purplish lamellate hymenophore, duplex context, and allantoid basidiospores, which could be confused with other *Trichaptum* spp. due to its purplish hymenophore. *Pseudotrachaptum laricinum* is a combination based on *Trichaptum laricinum* which was originally described as *Lenzites laricinus* P. Karst. from Siberia, Russia. Macrae & Aoshima (1966) listed synonyms of *T. laricinum* and confirmed the sequence of RLG-4665 and RLG-6936 (GenBank: U63471 & U63477) represent the real *T. laricinum*. (Ryvarden & Gilbertson 1994, Vlasák & Vlasák 2017, Kossmann et al. 2021). Further, the molecular phylogeny of *Pseudotrachaptum* based on the multi-locus dataset (ITS+nLSU+mt-SSU+nuc-SSU+TEF1) indicates that this genus does not affiliate with any existing families and is considered under *Hymenochaetales insertae sedis* (Zhou et al. 2023). Additional sampling from data lack regions of the world would be required to further resolve the diversity of *Pseudotrachaptum* species.

References

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(Edited by **Maryam Tavakol Noorabadi & Subodini N. Wijesinghe**)

Published online 31 May 2024