

Outlineoffungi.org - Note 791 *Tretospeira*

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Tretospeira Wanas., J.D.P. Bezerra & P.E. Mortimer

Liu et al. (2023) introduced a new species of *Tretospeira* from decaying wood in terrestrial habitat of the Mushroom Research Centre in Chiang Mai Province, Thailand. They considered it as a second species in the genus (type *Tretospeira ugandensis* (Hansf.) Piroz.), the type described from dead twigs in Uganda ([Index Fungorum 2023](#)). Phylogenetic analysis of combined LSU and ITS sequence data placed *Tretospeira cheirospora* in *Phaeosphaeriaceae* and formed a distinct lineage sister to *Banksiophoma australiensis* ([Liu et al. 2023](#)), which we follow here. *Banksiophoma* is a monotypic coelomycetous asexual morph genus and very different, although this does not rule them out from being the same genus. *Tretospeira* was also compared with *Hughesinia verrucosa* ([Delgado et al. 2005](#)), *Acrodictys lignicola* Manohar., N.K. Rao, D.K. Agarwal & Kunwar ([Index Fungorum 2023](#)), some species in *Pseudotetraploa* (*Tetraploosphaeriaceae*), e.g., *P. curviappendiculata* (Sat. Hatak., Kaz. Tanaka & Y. Harada) Kaz. Tanaka & K. Hiray. and *P. longissimi* (Sat. Hatak., Kaz. Tanaka & Y. Harada) Kaz. Tanaka & K. Hiray. All have long obpyriform, distoseptate conidia made up of several columns ([Hatakeyama et al. 2005](#), [Tanaka et al. 2009](#)), but tend to differ in the shape of the conidia and *Pseudotetraploa* lacks conidiophores and has monoblastic conidiogenous cells. Future collections of similar fungi will need sequencing to establish their placement.

References

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