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[Fasciodontia](#) Yurchenko & Riebesehl

This is a resupinate corticioid genus found on dead angiosperms and is widely distributed (Yurchenko et al. 2020, Luo & Zhao 2021). Phylogenetic analyses based on ITS and LSU placed this genus in *Schizoporaceae* (*Hymenochaetales*, *Agaricomycetidae*, [Agaricomycetes](#), [Agaricomycotina](#), [Basidiomycota](#)) (Yurchenko et al. 2020). Results also showed the clade formed by *Lyomyces* and [Xylodon](#) as sister group with good support by bootstrap and posterior probabilities (Yurchenko et al. 2020). The type species is *F. bugellensis* (Ces.) Yurchenko, Riebesehl & Langer. Compared to other species of *Schizoporaceae*, the three species of the genus are characterized by annual, resupinate, membranaceous basidioma, minutely odontoid hymenophore, pseudodimitic hyphal system with clamps, cylindrical to slightly moniliform and capitate cystidia, utriform to subcylindrical basidia, usually with two constrictions, ellipsoid, smooth, with thickened or thick walled basidiospores, slightly to moderately cyanophilous (Yurchenko et al. 2020, Luo & Zhao 2021). The asexual morph is unknown. All species have sequence data. [Fasciodontia](#) is morphologically similar to [Xylodon](#), but the species of [Xylodon](#) with thick-walled basidiospores lack the combination of characters listed above (Yurchenko et al. 2020).

References

- Luo KY, Zhao CL. 2021 – *Fasciodontia yunnanensis* (*Schizoporaceae*, *Hymenochaetales*), a new species from Southern China. *Annales Botanici Fennici* 58(4-6), 259–266. <https://doi.org/10.5735/085.058.0411>
- Yurchenko E, Riebesehl J, Langer E. 2020 – *Fasciodontia* gen. nov. (*Hymenochaetales*, *Basidiomycota*) and the taxonomic status of *Deviodontia*. *Mycological Progress* 19(2), 171–184. <https://doi.org/10.1007/s11557-019-01554-7>

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(Edited by **Kevin D Hyde & Rekhani Hansika Perera**)

Published online 13 December 2022