

## Outlineoffungi.org - Note 639 [Flavodontia](#)

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### [Flavodontia](#) C.L. Zhao

This is a monotypic, resupinate polypore genus found growing on decaying angiosperm wood (trunks) ([Wang & Zhao 2022](#)). It is characterized by a combination of smooth, pink hymenophore; monomitic hyphal system; ellipsoid basidiospores; and absence of cystidia ([Wang & Zhao 2022](#)). The asexual morph is unknown. The phylogenetic analyses (LSU, ITS) by [Wang & Zhao \(2022\)](#), place [Flavodontia](#) in the *Irpicaceae* (*Polyporales*, *Agaricomycetidae*, *Agaricomycetes*, *Agaricomycotina*, *Basidiomycota*) as accepted in [Justo et al. \(2017\)](#), as sister to *Irpex* and in a more inclusive clade with *Flavodon*. Shortly after the publication of this genus a broader, global revision of the *Irpicaceae* was published ([Li et al. 2022](#)), that synonymized [Flavodontia](#) with *Irpex*. A broad concept of *Irpex* that also included *Emmia*, *Flavodon* and *Hydnopolyporus* had been proposed just before the publication of [Flavodontia](#) ([Chen et al. 2021](#)). It is unclear at this point what arrangement, a broadly or narrowly defined *Irpex*, will be accepted by the taxonomic community. Known only from Asia (China).

### References

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Published online 2 December 2022