

## Outlineoffungi.org - Note 1374 *Paragyromitra*

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***Paragyromitra*** X.C. Wang & W.Y. Zhuang

Wang et al. (2023) introduced *Paragyromitra* under *Discinaceae* (*Pezizales*, *Pezizomycetes*, *Pezizomycotina*, *Ascomycota*) to accommodate five species based on morphological characteristics and a concatenated phylogeny using ITS, *tef*, and LSU sequence data. This genus was typified by *Paragyromitra infula* (Schaeff.) X.C. Wang & W.Y. Zhuang. In *Paragyromitra*, ascomata are saddle and stipitate. The type species has been found across a wide range in the Northern Hemisphere. The stipe is subcylindrical and internally hollow. Asci are operculate, eight-spored, and subcylindrical. Ascospores are hyaline, smooth, bi-guttulate, and non-apiculate. Regarding their morphological characteristics, *Paragyromitra* closely resembles *Gyromitra* Fr. Summa veg. Scand. However, *Paragyromitra* can be differentiated by its typically saddle-like ascomata. However, a more comprehensive examination and study of more genes are required to comprehend the evolutionary history of *Discinaceae* (Wang et al. 2023).

### References

Wang XC, Yang ZL, Chen SL, Bau T et al. 2023 – Phylogeny and taxonomic revision of the family *Discinaceae* (*Pezizales*, *Ascomycota*). *Microbiology Spectrum* 11(3), e00207–23.

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