

## Outlineoffungi.org - Note 1421 *Paramirandina*

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### *Paramirandina* L.L. Liu & Z.Y. Liu

Liu et al. (2023) introduced *Paramirandina* under *Microthyriaceae* (*Microthyriales*, *Incertae sedis*, *Dothideomycetes*, *Pezizomycotina*, *Ascomycota*) to accommodate two species based on morphology and phylogenetic analyses using ITS and LSU sequence data. This genus was typified by *Paramirandina aquatica* L.L. Liu & Z.Y. Liu, isolated on a decaying branch submerged in a stream in China. *Paramirandina cymbiformis* J. Yang & Z.Y. Liu is the other accepted species of the genus. In the asexual morph of *Paramirandina*, colonies are hairy, scattered, and yellowish-brown to brown. Mycelium is constructed of septate, brown to hyaline, and smooth-walled hyphae. Conidiophores are macronematous, mononematous, cylindrical, smooth-walled, and multi-septate. Conidiogenous cells are polyblastic, integrated, and terminal. Conidia are holoblastic, fusiform in shape, hyaline, and smooth-walled. The sexual morph has not been determined. Based on a concatenated dataset of ITS and LSU sequence data, *Paramirandina* formed a sister clade to *Keqinzhangia aquatica*. Morphologically, *Paramirandina* differs from *Keqinzhangia* based on conidial shape. Additionally, *Paramirandina* shares similarities with two genera *Heliocephala* and *Mirandina* (Liu et al. 2023).

### Reference

Liu L, Yang J, Zhou S, Gu X et al. 2023 – Novelty in *Microthyriaceae* (*Microthyriales*): two new asexual genera with three new species from freshwater habitats in Guizhou Province, China. *Journal of Fungi* 9(2), 178.

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