

Outlineoffungi.org - Note 948 *Kurokawia*

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Kurokawia S.Y. Kondr., Lökös & Hur

The genus *Kurokawia* was established with *Kurokawia isidiata* S.Y. Kondr., Lökös & Huras the type species based on combined ITS and SSU sequences ([Kondratyuk et al. 2021](#)). The taxa were previously assigned within *Anaptychia* and formed a sister clade to *Anaptychia* the phylogenetic analysis conducted by Kondratyuk et al. ([2021](#)). Apothecia are lecanorine with asci 8-spored that ascospores have dark brown color with 1-septate with minute spines or ridges. Conidia are bacilliform to widely bacilliform shapes and colourless, and $3\text{--}5 \times 1\text{--}1.5 \mu\text{m}$ in size. The members are reported on bark, especially on wayside trees, hard coastal rock, turf, and soil, also are distributed in East Asia, Mediterranean Europe, North Africa, North America and Northern Hemisphere. The genus showed similar characteristics to *Anaptychia*, but differs in the presence of foliose and closely attached thallus, dull olive green, when moist, upper surface, well-developed lower cortex, simple, rarely branched (brush-like) rhizines, shorter ascospores, wider conidia and lack of pale grey white lateral cilia and tomentum on the upper surface. Hollinger et al. ([2022](#)) also combined *Anaptychia pseudoroemeri* under *Kurokawia* on the basis of smooth upper cortex, well-developed lower cortex and mostly simple rhizines. The taxonomic placement of *Kurokawia* is in *Physciaceae*, *Caliciales*, *Lecanoromycetidae*, [Lecanoromycetes](#), [Pezizomycotina](#) and *Ascomycota*.

References

- Kondratyuk SY, Lökös L, Kärnefelt I, Thell A, Jeong M-H, Oh S-O, Kondratiuk AS, Farkas E, Hur J-S. 2021 – Contributions to molecular phylogeny of lichen-forming fungi 2. Review of current monophyletic branches of the family *Physciaceae*. - *Acta Botanica Hungarica* 63(3-4), 351–390. <https://doi.org/10.1556/034.63.2021.3-4.8>
- Hollinger J, Noell N, Gasparyan A, Rockefeller A, Leavitt SD. 2022 – Two new species of *Anaptychia* (*Physciaceae*) from western North America, with notes on the other species of section *Protoanaptychia*. *The Bryologist* 125(4), 571–601. <https://doi.org/10.1639/0007-2745-125.4.571>

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