

Outlineoffungi.org - Note 663 *Johnsheardia*

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Johnsheardia S.Y. Kondr., Kärnefelt & A. Thell

Based on analysis of combined nrITS and mtSSU sequence data, [Kondratyuk et al. \(2021\)](#) introduced *Johnsheardia* to accommodate a group of mostly muscicolous species that were previously classified in *Rinodina* but prove to be phylogenetically distant. Seven identified species were sequenced, all of which are combined into the new genus. No discussion is presented about the possible existence of other species related to these among the c. 250 currently accepted *Rinodina* species ([Lücking et al. 2017](#)) that have not been sequenced. No morphological characters are mentioned that would enable to differentiate species of this phylogenetic group from other splits of *Rinodina* s. lat. The taxonomic placement of *Johnsheardia* is in *Physciaceae* (*Teloschistales*, *Lecanoromycetes*) ([Kondratyuk et al. 2021](#)).

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>
- Lücking R, Hodkinson BP, Leavitt SD. 2016 – The 2016 classification of lichenized fungi in the *Ascomycota* and *Basidiomycota* – approaching one thousand genera. - *The Bryologist* 119(4), 361–416. <https://doi.org/10.1639/0007-2745-119.4.361>

Entry by

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(Edited by **Vinodhini Thiyagaraja** and **Kevin D. Hyde**)

Published online 8 December 2022