

## Outlineoffungi.org - Note 1136 *Kukwaea*

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***Kukwaea*** Suija, Motiej. & Zhurb.

*Kukwaea* was introduced as a lichenicolous genus from coniferous forests in Europe and the Asian region of Russia. The new taxon, *K. pubescens* is characterized by its cupulate, brown ascomata with grey to blackish disc surrounded by brownish-grey hairs. Using data from BLAST matches from DNA sequence data Suija et al. (2020) placed this in genus incertae sedis in *Helotiales*. Using concatenated SSU, LSU, mtSSU and *rpb2* sequences from Suija et al. (2020) incorporated into an expanded multigene dataset from Johnston et al. (2019), *Kukwaea* belongs to *Hamatocanthoscyphaceae* (Johnston 2022).

### References

- Johnston PR, Quijada L, Smith CA, Baral HO et al. 2019 – A multigene phylogeny toward a new phylogenetic classification of *Leotiomyces*. IMA Fungus 10, 1. <https://doi.org/10.1186/s43008-019-0002-x>
- Johnston PR. 2022 – *Leotiomyces* phylogeny updated. Manaaki Whenua – Landcare Research Datastore. <https://doi.org/10.7931/gx9a-c781>
- Suija A, Zhurbenko MP, Stepanchikova IS, Himelbrant DE et al. 2020 – *Kukwaea pubescens* gen. et sp. nova (*Helotiales*, *incertae sedis*), a new lichenicolous fungus on *Cetraria islandica*, and a key to the lichenicolous fungi occurring on *Cetraria* s. str. Phytotaxa 459(1), 39–50. <https://doi.org/10.11646/phytotaxa.459.1.4>

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Published online 15 May 2023