

Outlineoffungi.org – Note 1235 *Appressodiscus*

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Appressodiscus Aptroot & L.A. Santos

Appressodiscus was introduced as a new genus within *Ramalinaceae* (*Lecanorales*, *Lecanoromycetes*, *Ascomycota*) to accommodate two species, *A. badius* (Aptroot) Aptroot and *A. isidiobadius* Aptroot & L.A. Santos, both species exclusively found in Brazil (Aptroot et al. 2023). The genus is typified by *A. isidiobadius*. Both species are lichenized with trebouxioid photobiont and grow on tree bark in various forests. The genus is characterized by crustose thallus (in one species with isidia), flat apothecia, prosoplectenchymatous excipulum, 8-spored asci with small ocular chamber, and simple and hyaline ascospores. The genus forms a sister clade with *Phyllopsora* (Aptroot et al. 2023). The relationships between the genera within *Ramalinaceae* are generally poorly supported (Kistenich et al. 2018, Orange 2020, Kukwa et al. 2023), even in multi-locus phylogenies, but sequencing of additional molecular markers for *Appressodiscus* may help to establish its position within the family.

References

- Aptroot A, dos Santos LA, Junior CAVF, Cáceres MES 2023 – *Ramalea* and the new genus *Appressodiscus* belong in the *Ramalinaceae*. *The Bryologist* 126(3), 360–366. <https://doi.org/10.1639/0007-2745-126.3.360>
- Kistenich S, Timdal E, Bendiksby M, Ekman S. 2018 – Molecular systematics and character evolution in the lichen family *Ramalinaceae* (*Ascomycota*: *Lecanorales*). *Taxon* 67(5), 871–904. <https://doi.org/10.12705/675.1>
- Kukwa M, Kosecka M, Jabłońska A, Flakus A et al. 2023 – *Pseudolepraria*, a new leprose genus revealed in *Ramalinaceae* (*Ascomycota*, *Lecanoromycetes*, *Lecanorales*) to accommodate *Lepraria stephaniana*. *MycKeys* 96, 97–112. <https://doi.org/10.3897/mycokeys.96.98029>
- Orange A. 2020 – *Lithocalla* (*Ascomycota*, *Lecanorales*), a new genus of leprose lichens containing usnic acid. *Lichenologist* 52(6), 425–435. <https://doi.org/10.1017/S0024282920000419>

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