

Outlineoffungi.org - Note 954 *Iqbalia*

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Iqbalia Fayyaz, Afshan & S.Y. Kondr.

The monotypic genus *Iqbalia* was introduced to accommodate a rock-inhabiting lichenized species, *Iqbalia kashmirensis*. *Iqbalia* was reported from Pakistan and has similar characteristics to the Australian genus *Nevilleiella* in having brownish yellow to orange thalli and pustule-like formations on the thallus surface. *Iqbalia* differs in having discrete rather than aggregated areoles, in lacking schizidia-like formations, a wide septum in ascospores when mounted in water and presence of variolaric acid and ecology (on calcareous rocks vs. on soil in desert conditions) ([Kondratyuk et al. 2015](#)). The genus formed a distinct phylogenetic lineage in *Teloschistaceae* based on ITS, LSU and SSU sequence data, but was close to *Kaernefia*, *Nevilleiella*, *Stellarangia* and between the *Filsoniana-Stellarangia* subclade ([Kondratyuk et al. 2015](#)). In *Iqbalia* apothecia are biatorine to zeorine and associated with teloschistes-type asci with 8-spored ascospores. The taxonomic placement of *Iqbalia* is in *Teloschistaceae*, *Teloschistales*, *Lecanoromycetidae*, [Lecanoromycetes](#), [Pezizomycotina](#), and *Ascomycota*.

References

- Fayyaz I, Kouser R, Afshan NUS, Niazi AR, Zulfiqar R, Khalid AN, Kondratyuk SY. 2022 – *Iqbalia kashmirensis* gen. et sp. nov, from Pakistan (*Teloschistaceae*, lichenized *ascomycetes*) based on multigene phylogeny. *Mycological Progress* 21(8), 68. <https://doi.org/10.1007/s11557-022-01823-y>
- Kondratyuk SY, Kärnefelt I, Thell A, Elix JA, Kim J, Kondratiuk AS, Hur JS. 2015 – *Tassiloo*, a new genus in the *Teloschistaceae* (lichenized *Ascomycetes*). *Graphis Scripta* 27(1–2), 22–26. <https://lucris.lub.lu.se/ws/portalfiles/portal/3021433/5257138.pdf>

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