

## Outlineoffungi.org - Note 1060 *Quasiramularia*

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***Quasiramularia*** I-Chin Wei & R. Kirschner

*Quasiramularia* is a monotypic genus typified with *Q. phakopsoricola* ([Kolařík et al. 2021](#)). It is a *Ramularia*-like hyphomycete discovered on uredinia of *Phakopsora ampelopsidis* on leaves of wild *Ampelopsis brevipedunculata* and cultivated *Parthenocissus tricuspidata* in several cities in Taiwan. Analyses of SSU and LSU rDNA and *rpb2* gene sequence data and ultrastructural features revealed it is a new lineage of *Ustilaginomycotina*. A new order and family are proposed to accommodate the species in this lineage, viz. *Quasiramulariales* and *Quasiramulariaceae*. *Quasiramularia* is similar to anamorphic *Ramularia* but differs by conidiogenous loci lacking the ring-shaped hollow between the central dome and the marginal ring typical of *Ramularia* species ([Kolařík et al. 2021](#)). The taxonomic placement of *Quasiramularia* is in *Quasiramulariaceae*, *Quasiramulariales*, *Ustilaginomycetidae*, *Ustilaginomycetes*, and *Basidiomycota*.

### Reference

Kolařík M, Wei IC, Hsieh SY, Piepenbring M, Kirschner R. 2021 – Nucleotide composition bias of rDNA sequences as a source of phylogenetic artifacts in *Basidiomycota*—a case of a new lineage of a urediniculous *Ramularia*-like anamorph with affinities to *Ustilaginomycotina*. *Mycological Progress* 20, 1553–1571. <https://doi.org/10.1007/s11557-021-01749-x>

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