

Outlineoffungi.org - Note 1290 *Scleromitrula*

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Scleromitrula S. Imai

The type species of *Scleromitrula*, *S. shiraiana*, could be a hyperparasite on stromata of *Ciboria shiraiana*, another *Leotiomyces* fungus co-occurring on fruits of *Morus* (Spooner 1987). Based on ITS and LSU sequences, these two species are phylogenetically distinct, *Ciboria shiraiana* (GenBank JN033430 and JN086733 ex KUS-F52447) in *Sclerotiniaceae*, whereas *Scleromitrula shiraiana* (GenBank AY789408 ex Hirayama 062001) is in a clade with *S. spiraeicola* (GenBank Z81448 and Z81424) and *S. calthicola* (GenBank Z80887 and Z81422), forming one of the paraphyletic *Rutstroemiaceae* clades sister to *Sclerotiniaceae* (Johnston et al. 2019, Baral et al. 2022). This supports the conclusions of Holst-Jensen et al. (1997, as *Verpatinia calthicola* and *V. spiraeicola*) and Schumacher & Holst-Jensen (1997) who discussed differences in sclerotial morphology between *Scleromitrula* and *Sclerotiniaceae*.

References

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- Schumacher T, Holst-Jensen A. 1997 – A synopsis of the genus *Scleromitrula* (= *Verpatinia*) (*Ascomycotina*: *Helotiales*: *Sclerotiniaceae*). *Mycoscience* 38, 55–69. <https://doi.org/10.1007/BF02464969>

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