

Outlineoffungi.org - Note 1372 *Blaszkowskia*

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Blaszkowskia G.A. Silva & Oehl

Blaszkowskia was proposed by Silva et al. (2023) based on sequences of the ITS region and partial LSU nrDNA of *B. deserticola* (Trappe, Bloss & J.A. Menge) Oehl & G.A. Silva (basonym: *Glomus deserticola*). This species was initially included within *Septoglomus* due to its morphological and phylogenetic aspects (Oehl et al. 2011); however, recent molecular analyses have shown that it forms a clade distinct from other *Septoglomus* species (Silva et al. 2023). The etymology of the genus is a tribute to Dr. Janusz Błaszowski for his contribution to the identification of new taxa of AM fungi. *Blaszkowskia deserticola* differentiates morphologically from *Septoglomus* by characteristics of the subtending hyphae, which is funnel-shaped and remains pigmented along its length, by a thin septum at the base of the spore closing the spore pore, and by the distribution of several septa on the subtending hyphae. Further phylogenetic studies may elucidate the relationships between species of the *Glomeraceae* family that share several morphological structures (Silva et al. 2023).

References

- Oehl F, Silva GA, Goto BT, Sieverding E. 2011– *Glomeromycota*: three new genera and glomoid species reorganized. *Mycotaxon* 116, 75–120.
- Silva GA, Corazon-Guivin MA, Assis DMA, Oehl F. 2023 – *Blaszkowskia*, a new genus in *Glomeraceae*. *Mycological Progress* 22, 74.

Entry by

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