

## Outlineoffungi.org - Note 1503 *Gamszarella*

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### *Gamszarella* Crous

*Gamszarella* (*Cordycipitaceae*, *Hypocreales*, *Hypocreomycetidae*) was established by Crous et al. (2023) to accommodate *G. buffelskloofina* Crous as the type species based on morphological characteristics and phylogenetic analysis (ITS, LSU, *rpb2*, and *tef1* sequences). *Gamszarella buffelskloofina* was isolated from a dead insect on the leaf litter of an unidentified tree in South Africa. *Gamszarella* includes three species, namely *G. antillana* (R.F. Castañeda & G.R.W. Arnold) Crous, *G. buffelskloofina* Crous, and *G. magnispora* (Z.F. Zhang & L. Cai) Crous. The mycelium of this genus is hyaline, smooth, branched, and has septate hyphae with arranged conidiophores. Conidiogenous cells are hyaline, smooth, and subcylindrical in shape with an apical taper. Conidia are hyaline, smooth, guttulate, aseptate, and subcylindrical in shape. *Gamszarella buffelskloofina* is most closely related to *G. magnispora* in terms of phylogeny, but it differs by having smaller conidia (Crous et al. 2023).

### Reference

Crous PW, Costa MM, Kandemir H, Vermaas M et al. 2023 – Fungal Planet description sheets: 1550–1613. *Persoonia-Molecular Phylogeny and Evolution of Fungi* 51(1), 280–417. <https://doi.org/10.3767/persoonia.2023.51.08>

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