

Outlineoffungi.org - Note 882 [Teratospermopsis](#)

Web-links: [Index Fungorum](#), [Facesoffungi](#), [MycoBank](#), [GenBank](#)

[Teratospermopsis](#) Jian Ma, X.G. Zhang & R.F. Castañeda

[Teratospermopsis](#) was introduced by Xu et al. (2021) as a new genus to accommodate *Teratospermopsis protuberata* (R.F. Castañeda) Jian Ma, X.G. Zhang & R.F. Castañeda (= *Chaetendophragma protuberata* R.F. Castañeda) as the type species based on its morphological characters. The genus was characterized by its determinate or percurrent proliferating conidiophores, monoblastic, integrated, terminal, annellidic conidiogenous cells; conidia are obclavate, acrogenous, solitary, euseptate with an apical cell that has a filiform appendage and a basal cell with a lateral appendage, and schizolytic secession. This genus and its type species were reported from fallen leaves of *Bauhinia cumanensis* in Cuba (Castañeda-Ruiz 1985). This genus was described based on its morphology. *Teratospermopsis protuberata* is a new combination and monotypic genus that differs from *Chaetendophragma* and *Teratosperma* by its schizolytic conidial with lateral appendage. Sequence data are not available for phylogenetic analyses. The taxonomic placement of [Teratospermopsis](#) is *incertae sedis* in [Pezizomycotina](#), *Ascomycota*. The type species is saprobic.

References

- Castañeda-Ruiz RF. 1985 – *Deuteromycotina* de Cuba. Hyphomycetes III. Instituto de Investigaciones Fundamentales en Agricultura Tropical “Alejandro de Humboldt”, Habana, Cuba. 42 p.
- Xu Z-H, Qiu L, Zhang X-G, Castañeda-Ruiz RF, Xia J-W, Ma J. 2021 – *Teratospermopsis* gen. nov. for *Chaetendophragma protuberata*, with a taxonomic review of *Teratosperma*. Mycotaxon 136, 85-95. <https://doi.org/10.5248/136.85>

Entry by

De-Wei Li, The Connecticut Agricultural Experiment Station Valley Laboratory, Windsor, CT 06095, USA.

(Edited by **Kevin D. Hyde & Maryam Tavakol Noorabadi**)

Published online 5 April 2024