

Outlineoffungi.org - Note 670 *Neodactylaria*

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

Neodactylaria Guevara-Suarez, Deanna A. Sutton, Wiederh. & Gené (**H**)

Neodactylaria, a dactylaria-like genus, was introduced by [Crous et al. \(2017\)](#) for *N. obpyriformis* Guevara-Suarez, Deanna A. Sutton, Wiederhold & Gené. based on morphology and phylogenetic analysis of LSU sequences ([Crous et al. 2017](#)). *Neodactylaria obpyriformis* was isolated from human bronchoalveolar lavage ([Crous et al. 2017](#)). Two species has been accepted in this genus ([Crous et al. 2017](#); [Qiao et al. 2020](#)). *Neodactylaria* has hyphomycetous asexual morphs with macronematous, mononematous, septate, unbranched, brown conidiophores, polyblastic, sympodial, denticulate conidiogenous cells and solitary, aseptate or septate, obpyriform or rostrate, brownish conidia ([Crous et al. 2017](#)). It differs from similar genera by its conidial morphology and phylogenetic analyses ([Crous et al. 2017](#); [Qiao et al. 2020](#)). [Qiao et al. \(2020\)](#) placed this genus within *Neodactylariaceae* (*Neodactylariales*, *Dothideomycetes*, *Ascomycota*). Only asexual morph has been reported.

References

- Crous PW, Wingfield MJ, Burgess TI, Hardy GESJ, Barber PA et al. 2017 – Fungal Planet description sheets: 558–624. *Persoonia* 38(1), 240–384. <https://doi.org/10.3767/003158517X698941>
- Qiao M, Zheng H, Lv R, Yu Z (2020) *Neodactylariales*, *Neodactylariaceae* (*Dothideomycetes*, *Ascomycota*): new order and family, with a new species from China. *MycoKeys* 73. <https://doi.org/10.3897/mycokeys.73.54054>

Entry by

Chuan-Gen Lin, Center of Excellence in Fungal Research, Mae Fah Luang University, Chiang Rai, Thailand.

(Edited by **Kevin D Hyde & Rekhani Hansika Perera**)

Published online 8 December 2022