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Neosarcodon Xiao L. He, Di Wang & W.H. Peng

Neosarcodon is a genus of 11 terrestrial, stipitate, fleshy, hydroid species from the USA, Neotropics and Australia, previously belonging to the genus *Sarcodon*. The name was originally informally proposed by [Larsson et al. \(2019\)](#) for the North and South American species contingent but not formally described, since ITS was the only molecular marker available at the time. [Wang et al. \(2024\)](#) made the formal description, based on ITS sequences and one RPB2 sequence. In addition to its original content, [Douch et al. \(2024\)](#) recombined one species from New Zealand into the genus, as *Neosarcodon carbonarius*. The life strategy (ectomycorrhizal or saprotrophic) has yet to be confirmed.

References

- [Douch JK, Vaughan LJ, Cooper JA, Holmes GD et al. 2024 – Taxonomic revision of fleshy species of *Hydnellum*, *Neosarcodon*, and *Sarcodon* \(Thelephorales\) from Australasia. *Mycologia*, 29, 1–28.](#)
- [Larsson KH, Svantesson S, Miscovic D, Kõljalg U et al. 2019 – Reassessment of the generic limits for *Hydnellum* and *Sarcodon* \(Thelephorales, Basidiomycota\). *MycoKeys* 54, 31–47.](#)
- [Wang D, Feng H, Zhou J, Liu TH et al. 2024 – New insights into the stipitate hydroid fungi *Sarcodon*, *Hydnellum*, and the formerly informally defined *Neosarcodon*, with emphasis on the edible species marketed in Southwest China. *IMA Fungus* 15, 8.](#)

Entry by

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