

Outlineoffungi.org - Note 1278 *Mycoarthris*

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Mycoarthris Marvanova & P.J. Fisher

Mycoarthris is a monotypic genus, known only from its asexual state, isolated from fresh-water foam. ITS sequences from the ex-type cultures of *Mycoarthris corallinus* (AH009124) and *Vandijkella johannae* (LT904725 ex CBS 143182) are very similar. *M. corallinus* was isolated from fresh-water foam, *V. johannae* from soil. Based on the descriptions from Marvanová et al. (2002) and Sandoval-Denis & Giraldo (2017), the two fungi are morphologically quite distinct. Phylogenetically they have a poorly resolved position within *Helotiales*, in the *Stannaria* lineage/Han Clade 9/*Vandijkellaceae* clade of Johnston et al. (2019).

References

- Johnston PR, Quijada L, Smith CA, Baral HO, et al. 2019 – A multigene phylogeny toward a new phylogenetic classification for the *Leotiomyces*. *IMA Fungus* 10, 1.
- Marvanová L, Landvik S, Fisher PJ, Moss ST, et al. 2002 – A new fungus with arthroconidia from foam. *Nova Hedwigia* 75, 255–269.
- Sandoval-Denis M, Giraldo A. 2017 – *Fungal Planet* 711. *Persoonia* 39: 454– 455.

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