

Species *Methyloligotropha calcicola*^{Ts}

Etymology

[cal.ci'co.la] **L. fem. n.** *calx*, chalk ; **L. fem. suff.** *-cola*, dweller, inhabitant; **N.L. fem. n.** *calcicola*, dweller of the limestone cave

Nomenclatural type

[NCBI Assembly: GCA_050740455.1](#)^{Ts}

Description

Putative atmospheric methanotroph inhabiting limestone caves

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Methyloligotrophales* »
Methyloligotrophaceae » *Methyloligotropha* » *Methyloligotropha calcicola*^{Ts}

References

Effective publication: Bay et al., 2025 [1]
Assigned taxonomically: Bay et al., 2025 [1]

Registry URL

<https://seqco.de/i:55811>

References

1. Bay et al. (2025). Microbial aerotrophy enables continuous primary production in diverse cave ecosystems. *Nature Communications*. [DOI:10.1038/s41467-025-65209-w](https://doi.org/10.1038/s41467-025-65209-w)