

Genus *Methyloligotropha*

Etymology

[Me.thy.lo.li.go.tro'pha] **N.L. neut. n.** *methyl*, pertaining to the methyl group; **Gr. masc. adj.** *oligos*, little, few; **Gr. fem. n.** *trophos*, feeder, rearer, that which nourishes ; **N.L. fem. n.** *Methyloligotropha*, an oligotrophic methyl-using bacterium

Nomenclatural type

Species *Methyloligotropha calcicola*^{Ts}

Description

Putative atmospheric methanotroph. An oligotrophic methyl-using bacterium.

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Methyloligotrophales* » *Methyloligotrophaceae* » *Methyloligotropha*

References

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

Registry URL

<https://seqco.de/i:55810>

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)