
Order *Methyloligotrophales*

Etymology

[Me.thy.lo.li.go.tro.pha'les] **N.L. fem. n.** *Methyloligotropha*, referring to the type genus *Methyloligotropha*; *-ales*, ending to denote an order; **N.L. fem. pl. n.** *Methyloligotrophales*, the *Methyloligotropha* order

Nomenclatural type

Genus *Methyloligotropha*

Description

Putative atmospheric methanotrophs encoding USCg pmoA

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Methyloligotrophales*

References

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

Registry URL

<https://seqco.de/i:55813>

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)