

Genus *Nitrosomaritimum*

Etymology

[Ni.tro.so.ma.ri.ti'mum] L. neut. adj. *nitrosus*, nitrous; L. neut. adj. *maritimum*, of the sea; N.L. neut. n. *Nitrosomaritimum*, referring to the organism as an ammonia oxidizer capable of converting ammonia to nitrite, distributed in coastal water and sediment

Nomenclatural type

Species *Nitrosomaritimum aestuarii*⁷⁵

Description

The name "*Nitrosomaritimum*" refers to the organism as an ammonia oxidizer capable of converting ammonia to nitrite (from the Latin "*nitrosus*", full of natron; here intended to mean nitrous) and its habitat distribution in coastal water and sediments (from the Latin adjective '*maritimum*', meaning coastal).

Classification

Archaea » Thermoproteota » Nitrososphaeria » Nitrosopumilales » Nitrosopumilaceae » *Nitrosomaritimum*

References

Effective publication: Zhao et al., 2024 [1]

Registry URL

<https://seqco.de/i:48769>

References

1. Zhao et al. (2024). Discovery of *Candidatus Nitrosomaritimum* as a New Genus of Ammonia-Oxidizing Archaea Widespread in Anoxic Saltmarsh Intertidal Aquifers. *Environmental Science & Technology*.
[DOI:10.1021/acs.est.4c02321](https://doi.org/10.1021/acs.est.4c02321)