

Register list for 4 new names including *Nitrosomaritimum* gen. nov.

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Table 1: Complete list of names proposed in the current register list.

| Proposed Taxon | Etymology | Description | Parent Taxon | Type | Registry URL |
|--|---|---|--------------------------|---|---|
| Genus <i>Nitrosomaritimum</i> | [Ni.tro.so.ma.ri.ti'mum] L. neut. adj. <i>nitrosus</i> , nitrous; L. neut. adj. <i>maritimum</i> , of the sea; N.L. neut. n. <i>Nitrosomaritimum</i> , referring to the organism as an ammonia oxidizer capable of converting ammonia to nitrite, distributed in coastal water and sediment | The name " <i>Nitrosomaritimum</i> " refers to the organism as an ammonia oxidizer capable of converting ammonia to nitrite (from the Latin " <i>nitrosus</i> ", full of natron; here intended to mean nitrous) and its habitat distribution in coastal water and sediments (from the Latin adjective ' <i>maritimum</i> ', meaning coastal). | <i>Nitrosopumilaceae</i> | <i>Nitrosomaritimum aestuarii</i> ^{Ts} | seqco.de/i:48769 |
| Species <i>Nitrosomaritimum aestuarii</i> ^{Ts} | [aes.tu.a.ri'i] L. gen. n. <i>aestuarii</i> , of estuary, pertaining to source of isolation | The "aestuariensis" indicates the first metagenome-assembled genome (MAG) of this species was recovered from the estuary. | <i>Nitrosomaritimum</i> | NCBI Assembly: GCA_013867335.1 ^{Ts} | seqco.de/i:48841 |
| Species <i>Nitrosomaritimum khambatense</i> | [kham.ba.ten'se] N.L. neut. adj. <i>khambatense</i> , of Khambat, referring to this organism first identified in the Gulf of Khambat | The "khambatensis" indicates the first metagenome-assembled genome (MAG) of this species was recovered from deep marine sediments in the Gulf of Khambat. | <i>Nitrosomaritimum</i> | NCBI Assembly: GCA_011773785.1 ^{Ts} | seqco.de/i:48842 |
| Species <i>Nitrosomaritimum yanchengense</i> | [yan.cheng.en'se] N.L. neut. adj. <i>yanchengense</i> , referring to this organism first identified in intertidal aquifers of Yancheng Wetland | The "yanchengensis" indicates the first metagenome-assembled genome (MAG) of this species was recovered from the intertidal aquifers of Yancheng Wetland. | <i>Nitrosomaritimum</i> | NCBI Assembly: GCA_042138165.1 ^{Ts} | seqco.de/i:48840 |