

# Nitrosopolaris wilkesensis sp. nov. gen. nov.

Submitted by Pessi, Igor

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

| Proposed Taxon   | Etymology   | Description  | Parent Taxon              | Type  | Registry URL  |
|--|---|--|---------------------------|---|---|
| Genus<br><i>Nitrosopolaris</i>                             | [Ni.tro.so.po.la'ris] L. <b>adj.</b> <i>nitrosus</i> , nitrous; L. <b>adj.</b> <i>polaris</i> , of or pertaining to the poles; N.L. <b>masc. n.</b> <i>Nitrosopolaris</i> , nitrite-producing organism belonging to the poles | Genus of putative ammonia-oxidizing archaea in the family <i>Nitrososphaeraceae</i> , described based on metagenome-assembled genome from Arctic and Antarctic soils | <i>Nitrososphaeraceae</i> | <i>Nitrosopolaris wilkesensis</i> <sup>Ts</sup> | <a href="https://seqco.de/i:23399">seqco.de/i:23399</a> |
| Species<br><i>Nitrosopolaris wilkesensis</i> <sup>Ts</sup> | [wil.ke.sen'sis] N.L. <b>masc. adj.</b> <i>wilkesensis</i> , pertaining to Wilkes Land, Antarctica  | Species of putative ammonia-oxidizing archaea described based on a metagenome-assembled genome from Wilkes Land, Antarctica  | <i>Nitrosopolaris</i>     | NCBI Assembly:<br>GCA_003176995.1 <sup>Ts</sup> | <a href="https://seqco.de/i:23825">seqco.de/i:23825</a> |