Register list for 4 new names including Nitronatura plena sp. nov.

Submitted by Sereika, Mantas

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

Proposed Taxon	Etymology	Description	Parent Taxon	Type	Registry URL
Genus *Nitronatura*	[Ni.tro.na.tu'ra] **N.L. pref.** *nitro-*, pertaining to nitrate; **L. fem. n.** *natura*, nature; **N.L. fem. n.** *Nitronatura*, nitrogen and nature, symbolizing a lineage associated with nitrogen cycling in natural ecosystems	Genus formerly known as Palsa-1315 under GTDB R226. The description of the genus is the same as for its nomenclatural type *Nitronatura plena*.	*Nitrospiraceae*	*Nitronatura plena*[Ts]	seqco.de/i:54883
Genus *Nitrososappho*	[Ni.tro.so.sap'pho] **N.L. pref.** *nitroso-*, full of natron, nitrous; **N.L. fem. n.** *Sappho*, latinized form of the Greek poet's name Σαπφώ; **N.L. fem. n.** *Nitrososappho*, a nitrous-oxide producing organism honoring the poet Sappho (Σαπφώ), used as a metaphor for resilience and persistence, in this case, of an archaeal ammonia oxidizer found in environmentally disturbed or constrained habitats	Genus formerly known as TA-21 under GTDB R226. The description of the genus is the same as for its nomenclatural type *Nitrososappho danica*.	*Nitrososphaeraceae*	*Nitrososappho danica*[Ts]	seqco.de/i:54885
Species *Nitronatura plena*[Ts]	[ple'na] **L. fem. adj.** *plena*, full or complete, referring to the capacity for complete ammonia oxidation by clade B comammox	Species established on the basis of ANI comparisons to GTDB R226. The type genome was recovered from sphagnum acid bog soil. Based on metabolic reconstruction, *Nitronatura plena* is aerobic, capable of ammonia and nitrite oxidation. The type genome contains comammox metabolism genes, including *amoA*, *amoB*, *amoC*, *nxrAB*, and *hao*.	*Nitronatura*	NCBI Assembly: GCA_974707355.1 [Ts]	seqco.de/i:54882
Species	[da.ni'ca] **N.L. fem. adj.** *danica*,	Species established on the basis of ANI comparisons to GTDB R226. The type genome was recovered from urban sediment of a rainwater		NCBI Assembly:	

Proposed Taxon	**Etymology**	**Description**	**Parent Taxon**	**Type**	**Registry URL**
Nitrososappho danica[Ts]	Danish, referring to the origin of the sample and where the organism in Denmark	basin. Based on metabolic reconstruction, *Nitrososappho danica* is aerobic, capable of ammonia oxidation, and encodes genes for urea use.	*Nitrososappho*	GCA_974504955.1[Ts]	seqco.de/i:54884