

# Microflora Danica long-read MAG names (species level)

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 <i>Aquilonibacter</i>	[Aqui.lo.ni.ba'cter] <b>L. gen. n.</b> <i>aquilonis</i> , north wind; <b>N.L. masc. n. bacter</b> , a rod; <b>N.L. masc. n. Aquilonibacter</b> , northern bacterium, in reference to to the recovery from northern (Arctic) soil	<a href="#">Ji et al., 2021</a> : Genus defined based on 16S rRNA phylogeny and phylogenomic analysis of 15 ribosomal proteins and the GTDB.	<i>Baltobacteraceae</i>	<i>Aquilonibacter contiguus</i> <sup>TS</sup>	<a href="https://seqco.de/i:43387">seqco.de/i:43387</a>
Genus <i>Hemerobacter</i>	[He.me.ro.ba'cter] <b>Gr. fem. n.</b> <i>Hemera</i> , primordial goddess and personification of the Day and daylight in Greek mythology; <b>N.L. masc. n. bacter</b> , a rod; <b>N.L. masc. n. Hemerobacter</b> , in reference to a bacterium ability to use daylight for carbon fixation (photoautotrophy)	<a href="#">Ji et al., 2021</a> : Genus defined based on 16S rRNA phylogeny and phylogenomic analysis of 15 ribosomal proteins and the GTDB.	<i>Baltobacteraceae</i>	<i>Hemerobacter aridus</i> <sup>TS</sup>	<a href="https://seqco.de/i:42009">seqco.de/i:42009</a>
Genus <i>Sulfobium</i>	[Sul.fo'bi.um] <b>L. n. neut. sulfur</b> , sulfur; <b>Gr. n. masc. bios</b> , life; <b>N.L. neut. n. Sulfobium</b> , a living entity metabolizing sulfur compounds	<a href="#">Zecchin et al., 2018 (modified)</a> : Established on the basis of its distinct potential physiology, separation into its own phylogenetic lineage, and its predominant occurrence in habitats of moderate temperature.	<i>Nitrospiraceae</i>	<i>Sulfobium telluricum</i> <sup>TS</sup>	<a href="https://seqco.de/i:349">seqco.de/i:349</a>
Genus <i>Sulfuritelmatobacter</i>	[Sul.fu.ri.tel.ma.to.bac'ter] <b>L. neut. n. sulfur</b> , sulfur; <b>Gr. neut. n. telma</b> , -atos, a swamp; <b>N.L. masc. n. bacter</b> , a rod; <b>N.L. masc. n. Sulfuritelmatobacter</b> , a sulfur metabolizing rod from a swamp	<a href="#">Hausmann et al., 2018</a> : Genus defined based on DsrAB and concatenated 105 marker gene phylogenies, supplemented with ANI and AAI comparisons.	<i>Sulfuritelmatobacteraceae</i>	<i>Sulfuritelmatobacter europaeus</i> <sup>TS</sup>	<a href="https://seqco.de/i:23529">seqco.de/i:23529</a>

Proposed Taxon	Etymology	Description	Parent Taxon	Type	Registry URL
Species <i>Acidiferrum aridum</i>	[a'ri.dum] <b>L. neut. adj.</b> <i>aridum</i> , Dry, referring to a species found in arid soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Acidiferrum</i>	NCBI Assembly: GCA_963833345.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51550">seqco.de/i:51550</a>
Species <i>Acidiferrum danicum</i>	[da'ni.cum] <b>L. neut. adj.</b> <i>danicum</i> , Danish, referring to a species found in Denmark	Species established on the basis of ANI comparisons to GTDB R226	<i>Acidiferrum</i>	NCBI Assembly: GCA_963715795.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51622">seqco.de/i:51622</a>
Species <i>Acidiferrum glebicum</i>	[gle.bi'cum] <b>L. fem. n.</b> <i>gleba</i> , clod or lump of earth; <b>L. neut. adj. suff.</b> <i>-icum</i> , suffix used with the sense of belonging to; <b>N.L. neut. adj.</b> <i>glebicum</i> , Pertinent to lumps of earth, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Acidiferrum</i>	NCBI Assembly: GCA_963729595.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51619">seqco.de/i:51619</a>
Species <i>Acidiferrum humicum</i>	[hu'mi.cum] <b>N.L. neut. adj.</b> <i>humicum</i> , Pertinent to soil, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Acidiferrum</i>	NCBI Assembly: GCA_963729455.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51620">seqco.de/i:51620</a>
Species <i>Acidiferrum propinquum</i>	[pro.pin'quum] <b>L. neut. adj.</b> <i>propinquum</i> , Near to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Acidiferrum</i>	NCBI Assembly: GCA_963704485.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51565">seqco.de/i:51565</a>
Species <i>Acidiferrum proximum</i>	[pro'xi.mum] <b>L. neut. adj.</b> <i>proximum</i> , Close to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Acidiferrum</i>	NCBI Assembly: GCA_963742325.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51589">seqco.de/i:51589</a>
Species <i>Acidiferrum scandiae</i>	[scan.di'ae] <b>N.L. fem. gen. n.</b> <i>scandiae</i> , Scandinavian, referring to a species found in Scandinavia	Species established on the basis of ANI comparisons to GTDB R226	<i>Acidiferrum</i>	NCBI Assembly: GCA_963709675.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51592">seqco.de/i:51592</a>
Species <i>Acidiferrum simile</i>	[si.mi'le] <b>L. neut. adj.</b> <i>simile</i> , Similar, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Acidiferrum</i>	NCBI Assembly: GCA_963842745.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51618">seqco.de/i:51618</a>
Species <i>Acidiferrum terrestre</i>	[ter.res'tre] <b>L. neut. adj.</b> <i>terrestre</i> , Pertinent to soil, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Acidiferrum</i>	NCBI Assembly: GCA_963733775.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51559">seqco.de/i:51559</a>

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Species <i>Acidiferrum terreum</i>	[ter.re'um] <b>L. fem. adj.</b> <i>terreum</i> , Pertinent to soil, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Acidiferrum</i>	NCBI Assembly: GCA_963779395.1 Ts	<a href="https://seqco.de/i:51598">seqco.de/i:51598</a>
Species <i>Acidisarcina arida</i>	[a'ri.da] <b>L. fem. adj.</b> <i>arida</i> , Dry, referring to a species found in arid soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Acidisarcina</i>	NCBI Assembly: GCA_963720245.1 Ts	<a href="https://seqco.de/i:51629">seqco.de/i:51629</a>
Species <i>Acidisarcina glebica</i>	[gle.bi'ca] <b>L. fem. n.</b> <i>gleba</i> , clod or lump of earth; <b>L. fem. adj. suff.</b> - <i>ica</i> , suffix used with the sense of belonging to; <b>N.L. fem. adj.</b> <i>glebica</i> , Pertinent to lumps of earth, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Acidisarcina</i>	NCBI Assembly: GCA_963841345.1 Ts	<a href="https://seqco.de/i:51566">seqco.de/i:51566</a>
Species <i>Acidisarcina nordica</i>	[nor'di.ca] <b>L. fem. adj.</b> <i>nordica</i> , Northern, referring to a species found in the Nordic region (northern Europe)	Species established on the basis of ANI comparisons to GTDB R226	<i>Acidisarcina</i>	NCBI Assembly: GCA_963790505.1 Ts	<a href="https://seqco.de/i:51660">seqco.de/i:51660</a>
Species <i>Aestuariivirga nordica</i>	[nor'di.ca] <b>L. fem. adj.</b> <i>nordica</i> , Northern, referring to a species found in the Nordic region (northern Europe)	Species established on the basis of ANI comparisons to GTDB R226	<i>Aestuariivirga</i>	NCBI Assembly: GCA_963754625.1 Ts	<a href="https://seqco.de/i:51637">seqco.de/i:51637</a>
Species <i>Aestuariivirga scandiae</i>	[scan.di'ae] <b>N.L. fem. gen. n.</b> <i>scandiae</i> , Scandinavian, referring to a species found in Scandinavia	Species established on the basis of ANI comparisons to GTDB R226	<i>Aestuariivirga</i>	NCBI Assembly: GCA_963792525.1 Ts	<a href="https://seqco.de/i:51636">seqco.de/i:51636</a>
Species <i>Aestuariivirga septentrionalis</i>	[sep.ten.tri.o.na'lis] <b>L. fem. adj.</b> <i>septentrionalis</i> , Northern, referring to a species found in the north (northern Europe)	Species established on the basis of ANI comparisons to GTDB R226	<i>Aestuariivirga</i>	NCBI Assembly: GCA_963850355.1 Ts	<a href="https://seqco.de/i:51596">seqco.de/i:51596</a>
Species <i>Allospingosinicella danica</i>	[da'ni.ca] <b>L. fem. adj.</b> <i>danica</i> , Danish, referring to a species found in Denmark	Species established on the basis of ANI comparisons to GTDB R226	<i>Allospingosinicella</i>	NCBI Assembly: GCA_963850005.1 Ts	<a href="https://seqco.de/i:51603">seqco.de/i:51603</a>
Species <i>Allospingosinicella europaea</i>	[eu.ro.pae'a] <b>L. fem. adj.</b> <i>europaea</i> , European, referring to a species found in Europe	Species established on the basis of ANI comparisons to GTDB R226	<i>Allospingosinicella</i>	NCBI Assembly: GCA_963848555.1 Ts	<a href="https://seqco.de/i:51654">seqco.de/i:51654</a>

Species <b>Proposed Taxon</b>	[ter.re'a] <b>L. fem. adj.</b> <i>terrea</i> , <b>Etymology</b> Pertinent to soil, referring to a	Species established on the basis of ANI <b>Description</b>	<i>Allospingosinicella</i> <b>Parent Taxon</b>	NCBI Assembly: GCA_963701615.1 Ts <b>Type</b>	<a href="https://seqco.de/i:51653">seqco.de/i:51653</a> <b>Registry URL</b>
Species <i>terrea</i>	species found in soil	comparisons to GTDB R226			
Species <i>Amaricoccus</i> <i>europaeus</i>	[eu.ro.pae'us] <b>L. masc. adj.</b> <i>europaeus</i> , European, referring to a species found in Europe	Species established on the basis of ANI comparisons to GTDB R226	<i>Amaricoccus</i>	NCBI Assembly: GCA_963829385.1 Ts	<a href="https://seqco.de/i:51595">seqco.de/i:51595</a>
Species <i>Aquilonibacter</i> <i>aridus</i>	[a'ri.dus] <b>L. masc. adj.</b> <i>aridus</i> , Dry, referring to a species found in arid soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Aquilonibacter</i>	NCBI Assembly: GCA_963716415.1 Ts	<a href="https://seqco.de/i:51632">seqco.de/i:51632</a>
Species <i>Aquilonibacter</i> <i>contiguus</i> <sup>Ts</sup>	[con.ti'gu.us] <b>L. masc. adj.</b> <i>contiguus</i> , Close to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Aquilonibacter</i>	NCBI Assembly: GCA_963703325.1 Ts	<a href="https://seqco.de/i:51631">seqco.de/i:51631</a>
Species <i>Aquilonibacter</i> <i>nordicus</i>	[nor'di.cus] <b>L. masc. adj.</b> <i>nordicus</i> , Northern, referring to a species found in the Nordic region (northern Europe)	Species established on the basis of ANI comparisons to GTDB R226	<i>Aquilonibacter</i>	NCBI Assembly: GCA_963726285.1 Ts	<a href="https://seqco.de/i:51650">seqco.de/i:51650</a>
Species <i>Aquilonibacter</i> <i>vicinus</i>	[vi.ci'nus] <b>L. masc. adj.</b> <i>vicinus</i> , Close to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Aquilonibacter</i>	NCBI Assembly: GCA_963820185.1 Ts	<a href="https://seqco.de/i:51656">seqco.de/i:51656</a>
Species <i>Binatus</i> <i>aridus</i>	[a'ri.dus] <b>L. masc. adj.</b> <i>aridus</i> , Dry, referring to a species found in arid soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Binatus</i>	NCBI Assembly: GCA_963833025.1 Ts	<a href="https://seqco.de/i:51630">seqco.de/i:51630</a>
Species <i>Binatus</i> <i>contiguus</i>	[con.ti'gu.us] <b>L. masc. adj.</b> <i>contiguus</i> , Close to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Binatus</i>	NCBI Assembly: GCA_963808235.1 Ts	<a href="https://seqco.de/i:51560">seqco.de/i:51560</a>
Species <i>Binatus</i> <i>danicus</i>	[da'ni.cus] <b>L. masc. adj.</b> <i>danicus</i> , Danish, referring to a species found in Denmark	Species established on the basis of ANI comparisons to GTDB R226	<i>Binatus</i>	NCBI Assembly: GCA_963806485.1 Ts	<a href="https://seqco.de/i:51571">seqco.de/i:51571</a>
Species <i>Binatus</i> <i>nordicus</i>	[nor'di.cus] <b>L. masc. adj.</b> <i>nordicus</i> , Northern, referring to a species found in the Nordic region	Species established on the basis of ANI comparisons to GTDB	<i>Binatus</i>	NCBI Assembly: GCA_963722605.1 Ts	<a href="https://seqco.de/i:51627">seqco.de/i:51627</a>

Proposed Taxon	(northern Europe) <b>Etymology</b> [pro.pin'quus] <b>L. masc. adj.</b>	R226 <b>Description</b>	<b>Parent Taxon</b>	<b>Type</b>	<b>Registry URL</b>
Species <i>Binatus propinquus</i>	<i>propinquus</i> , Near to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Binatus</i>	NCBI Assembly: GCA_963699705.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51652">seqco.de/i:51652</a>
Species <i>Binatus scandiae</i>	[scan.di'ae] <b>N.L. fem. gen. n.</b> <i>scandiae</i> , Scandinavian, referring to a species found in Scandinavia	Species established on the basis of ANI comparisons to GTDB R226	<i>Binatus</i>	NCBI Assembly: GCA_963717005.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51642">seqco.de/i:51642</a>
Species <i>Binatus similis</i>	[si.mi'llis] <b>L. masc. adj.</b> <i>similis</i> , Similar, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Binatus</i>	NCBI Assembly: GCA_963711565.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51628">seqco.de/i:51628</a>
Species <i>Binatus terreus</i>	[ter.re'us] <b>L. masc. adj.</b> <i>terreus</i> , Pertinent to soil, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Binatus</i>	NCBI Assembly: GCA_963842085.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51655">seqco.de/i:51655</a>
Species <i>Binatus vicinus</i>	[vi.ci'nus] <b>L. masc. adj.</b> <i>vicinus</i> , Close to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Binatus</i>	NCBI Assembly: GCA_963724395.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51604">seqco.de/i:51604</a>
Species <i>Brooklawnia lacustris</i>	[la.cus'tris] <b>L. fem. adj.</b> <i>lacustris</i> , Pertinent to a lake, referring to a species found in a lake	Species established on the basis of ANI comparisons to GTDB R226	<i>Brooklawnia</i>	NCBI Assembly: GCA_963780175.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51584">seqco.de/i:51584</a>
Species <i>Cybelea adiacens</i>	[ad.ia'cens] <b>L. fem. part. adj.</b> <i>adiacens</i> , Next to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Cybelea</i>	NCBI Assembly: GCA_963787705.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51553">seqco.de/i:51553</a>
Species <i>Cybelea affinis</i>	[af.fi'nis] <b>L. fem. adj.</b> <i>affinis</i> , Akin, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Cybelea</i>	NCBI Assembly: GCA_963752825.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51574">seqco.de/i:51574</a>
Species <i>Cybelea arida</i>	[a'ri.da] <b>L. fem. adj.</b> <i>arida</i> , Dry, referring to a species found in arid soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Cybelea</i>	NCBI Assembly: GCA_963759245.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51556">seqco.de/i:51556</a>
	[da'ni.ca] <b>L. fem. adj.</b> <i>danica</i> ,	Species established on			

Proposed Taxon	Etymology	Description	Parent Taxon	Type	Registry URL
Species <i>Cybelea danica</i>	Danish, referring to a species found in Denmark	the basis of ANI comparisons to GTDB R226	<i>Cybelea</i>	NCBI Assembly: GCA_963748875.1 Ts	<a href="https://seqco.de/i:51562">seqco.de/i:51562</a>
Species <i>Cybelea humica</i>	[hu'mi.ca] <b>N.L. fem. adj.</b> <i>humica</i> , Pertinent to soil, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Cybelea</i>	NCBI Assembly: GCA_963722595.1 Ts	<a href="https://seqco.de/i:51572">seqco.de/i:51572</a>
Species <i>Cybelea proxima</i>	[pro'xi.ma] <b>L. fem. adj.</b> <i>proxima</i> , Close to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Cybelea</i>	NCBI Assembly: GCA_963713685.1 Ts	<a href="https://seqco.de/i:51548">seqco.de/i:51548</a>
Species <i>Cybelea scandiae</i>	[scan.di'ae] <b>N.L. fem. gen. n.</b> <i>scandiae</i> , Scandinavian, referring to a species found in Scandinavia	Species established on the basis of ANI comparisons to GTDB R226	<i>Cybelea</i>	NCBI Assembly: GCA_963790985.1 Ts	<a href="https://seqco.de/i:51602">seqco.de/i:51602</a>
Species <i>Cybelea similis</i>	[si.mi'llis] <b>L. fem. adj.</b> <i>similis</i> , Similar, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Cybelea</i>	NCBI Assembly: GCA_963834895.1 Ts	<a href="https://seqco.de/i:51573">seqco.de/i:51573</a>
Species <i>Cybelea terrea</i>	[ter.re'a] <b>L. fem. adj.</b> <i>terrea</i> , Pertinent to soil, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Cybelea</i>	NCBI Assembly: GCA_963829005.1 Ts	<a href="https://seqco.de/i:51551">seqco.de/i:51551</a>
Species <i>Cybelea vicina</i>	[vi.ci'na] <b>L. fem. adj.</b> <i>vicina</i> , Close to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Cybelea</i>	NCBI Assembly: GCA_963745145.1 Ts	<a href="https://seqco.de/i:51561">seqco.de/i:51561</a>
Species <i>Hemerobacter aridus</i> <sup>Ts</sup>	[a'ri.dus] <b>L. masc. adj.</b> <i>aridus</i> , Dry, referring to a species found in arid soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Hemerobacter</i>	NCBI Assembly: GCA_963699285.1 Ts	<a href="https://seqco.de/i:51651">seqco.de/i:51651</a>
Species <i>Humimonas humica</i>	[hu'mi.ca] <b>N.L. fem. adj.</b> <i>humica</i> , Pertinent to soil, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Humimonas</i>	NCBI Assembly: GCA_963783385.1 Ts	<a href="https://seqco.de/i:51616">seqco.de/i:51616</a>
Species <i>Longimicrobium litorale</i>	[li.to.ra'le] <b>L. neut. adj.</b> <i>litorale</i> , Pertinent to the coast, referring to a species found in the coast	Species established on the basis of ANI comparisons to GTDB R226	<i>Longimicrobium</i>	NCBI Assembly: GCA_963701155.1 Ts	<a href="https://seqco.de/i:51615">seqco.de/i:51615</a>

Proposed Taxon Species	Etymology	Description	Parent Taxon	Type	Registry URL
<i>Methylovirgula affinis</i>	[af.fi'nis] <b>L. fem. adj.</b> <i>affinis</i> , Akin, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Methylovirgula</i>	NCBI Assembly: GCA_963704315.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51570">seqco.de/i:51570</a>
<i>Methylovirgula europaea</i>	[eu.ro.pae'a] <b>L. fem. adj.</b> <i>europaea</i> , European, referring to a species found in Europe	Species established on the basis of ANI comparisons to GTDB R226	<i>Methylovirgula</i>	NCBI Assembly: GCA_963704745.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51635">seqco.de/i:51635</a>
<i>Methylovirgula glebica</i>	[gle.bi'ca] <b>L. fem. n.</b> <i>gleba</i> , clod or lump of earth; <b>L. fem. adj. suff.</b> <i>-ica</i> , suffix used with the sense of belonging to; <b>N.L. fem. adj.</b> <i>glebica</i> , Pertinent to lumps of earth, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Methylovirgula</i>	NCBI Assembly: GCA_963697785.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51623">seqco.de/i:51623</a>
<i>Methylovirgula humica</i>	[hu'mi.ca] <b>N.L. fem. adj.</b> <i>humica</i> , Pertinent to soil, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Methylovirgula</i>	NCBI Assembly: GCA_963806675.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51646">seqco.de/i:51646</a>
<i>Methylovirgula nordica</i>	[nor'di.ca] <b>L. fem. adj.</b> <i>nordica</i> , Northern, referring to a species found in the Nordic region (northern Europe)	Species established on the basis of ANI comparisons to GTDB R226	<i>Methylovirgula</i>	NCBI Assembly: GCA_963759985.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51621">seqco.de/i:51621</a>
<i>Methylovirgula similis</i>	[si.mi'llis] <b>L. fem. adj.</b> <i>similis</i> , Similar, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Methylovirgula</i>	NCBI Assembly: GCA_963782195.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51611">seqco.de/i:51611</a>
<i>Miltoncostaea arida</i>	[a'ri.da] <b>L. fem. adj.</b> <i>arida</i> , Dry, referring to a species found in arid soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Miltoncostaea</i>	NCBI Assembly: GCA_963703045.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51583">seqco.de/i:51583</a>
<i>Miltoncostaea orica</i>	[o.ri'ca] <b>L. fem. n.</b> <i>ora</i> , coastline; <b>L. fem. adj. suff.</b> <i>-ica</i> , suffix used with the sense of belonging to; <b>N.L. fem. adj.</b> <i>orica</i> , Pertinent to the coast, referring to a species found in the coast	Species established on the basis of ANI comparisons to GTDB R226	<i>Miltoncostaea</i>	NCBI Assembly: GCA_963771025.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51649">seqco.de/i:51649</a>
<i>Nocardioides</i>	[ad.ia'cens] <b>L. masc. part. adj.</b> <i>adiacens</i> , Next to, referring to a	Species established on the basis of ANI	<i>Nocardioides</i>	NCBI Assembly:	<a href="https://seqco.de/i:51582">seqco.de/i:51582</a>

<i>adiacens</i> <b>Proposed Taxon</b>	<b>Etymology</b> species related to but distinct from the existing species	<b>Description</b> comparisons to GTDB R226	<b>Parent Taxon</b>	<b>Type</b> GCA_963754025.1 <sup>Ts</sup>	<b>Registry URL</b>
Species <i>Nocardioides aridus</i>	[a'ri.dus] <b>L. masc. adj.</b> <i>aridus</i> , Dry, referring to a species found in arid soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Nocardioides</i>	NCBI Assembly: GCA_963795115.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51577">seqco.de/i:51577</a>
Species <i>Nocardioides contiguus</i>	[con.ti'gu.us] <b>L. masc. adj.</b> <i>contiguus</i> , Close to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Nocardioides</i>	NCBI Assembly: GCA_963767955.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51578">seqco.de/i:51578</a>
Species <i>Nocardioides danicus</i>	[da'ni.cus] <b>L. masc. adj.</b> <i>danicus</i> , Danish, referring to a species found in Denmark	Species established on the basis of ANI comparisons to GTDB R226	<i>Nocardioides</i>	NCBI Assembly: GCA_963714475.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51579">seqco.de/i:51579</a>
Species <i>Nocardioides glebicus</i>	[gle.bi'cus] <b>L. fem. n.</b> <i>gleba</i> , clod or lump of earth; <b>L. masc. adj. suff.</b> <i>-icus</i> , suffix used with the sense of belonging to; <b>N.L. masc. adj.</b> <i>glebicus</i> , Pertinent to lumps of earth, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Nocardioides</i>	NCBI Assembly: GCA_963846535.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51575">seqco.de/i:51575</a>
Species <i>Nocardioides humicus</i>	[hu'mi.cus] <b>N.L. masc. adj.</b> <i>humicus</i> , Pertinent to soil, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Nocardioides</i>	NCBI Assembly: GCA_963726525.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51613">seqco.de/i:51613</a>
Species <i>Nocardioides nordicus</i>	[nor'di.cus] <b>L. masc. adj.</b> <i>nordicus</i> , Northern, referring to a species found in the Nordic region (northern Europe)	Species established on the basis of ANI comparisons to GTDB R226	<i>Nocardioides</i>	NCBI Assembly: GCA_963827195.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51576">seqco.de/i:51576</a>
Species <i>Nocardioides oricus</i>	[o.ri'cus] <b>L. fem. n.</b> <i>ora</i> , coastline; <b>L. masc. adj. suff.</b> <i>-icus</i> , suffix used with the sense of belonging to; <b>N.L. masc. adj.</b> <i>oricus</i> , Pertinent to the coast, referring to a species found in the coast	Species established on the basis of ANI comparisons to GTDB R226	<i>Nocardioides</i>	NCBI Assembly: GCA_963784545.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51612">seqco.de/i:51612</a>
Species <i>Nocardioides terreus</i>	[ter.re'us] <b>L. masc. adj.</b> <i>terreus</i> , Pertinent to soil, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Nocardioides</i>	NCBI Assembly: GCA_963850965.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51580">seqco.de/i:51580</a>

<b>Proposed Taxon</b>	<b>Etymology</b>	<b>Description</b>	<b>Parent Taxon</b>	<b>Type</b>	<b>Registry URL</b>
<i>Nocardioides vicinus</i>	[vi.ci'nus] <b>L. masc. adj.</b> <i>vicinus</i> , Close to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Nocardioides</i>	NCBI Assembly: GCA_963795215.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51581">seqco.de/i:51581</a>
Species <i>Occallatibacter contiguus</i>	[con.ti'gu.us] <b>L. masc. adj.</b> <i>contiguus</i> , Close to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Occallatibacter</i>	NCBI Assembly: GCA_963800145.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51594">seqco.de/i:51594</a>
Species <i>Occallatibacter glebicus</i>	[gle.bi'cus] <b>L. fem. n.</b> <i>gleba</i> , clod or lump of earth; <b>L. masc. adj. suff.</b> <i>-icus</i> , suffix used with the sense of belonging to; <b>N.L. masc. adj.</b> <i>glebicus</i> , Pertinent to lumps of earth, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Occallatibacter</i>	NCBI Assembly: GCA_963823805.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51563">seqco.de/i:51563</a>
Species <i>Occallatibacter lacustris</i>	[la.cus'tris] <b>L. masc. adj.</b> <i>lacustris</i> , Pertinent to a lake, referring to a species found in a lake	Species established on the basis of ANI comparisons to GTDB R226	<i>Occallatibacter</i>	NCBI Assembly: GCA_963806565.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51569">seqco.de/i:51569</a>
Species <i>Occallatibacter propinquus</i>	[pro.pin'quus] <b>L. masc. adj.</b> <i>propinquus</i> , Near to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Occallatibacter</i>	NCBI Assembly: GCA_963839215.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51587">seqco.de/i:51587</a>
Species <i>Occallatibacter proximus</i>	[pro'xi.mus] <b>L. masc. adj.</b> <i>proximus</i> , Close to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Occallatibacter</i>	NCBI Assembly: GCA_963783065.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51593">seqco.de/i:51593</a>
Species <i>Occallatibacter scandiae</i>	[scan.di'ae] <b>N.L. fem. gen. n.</b> <i>scandiae</i> , Scandinavian, referring to a species found in Scandinavia	Species established on the basis of ANI comparisons to GTDB R226	<i>Occallatibacter</i>	NCBI Assembly: GCA_963804155.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51568">seqco.de/i:51568</a>
Species <i>Occallatibacter septentrionalis</i>	[sep.ten.tri.o.na'lis] <b>L. masc. adj.</b> <i>septentrionalis</i> , Northern, referring to a species found in the north (northern Europe)	Species established on the basis of ANI comparisons to GTDB R226	<i>Occallatibacter</i>	NCBI Assembly: GCA_963710875.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51564">seqco.de/i:51564</a>
Species <i>Occallatibacter telluricus</i>	[te.llu.ri'cus] <b>L. gen. fem. n.</b> <i>telluris</i> , soil or earth; <b>L. masc. adj. suff.</b> <i>-icus</i> , suffix used with the sense of belonging to; <b>L. masc. adj.</b> <i>telluricus</i> , Pertinent to soil,	Species established on the basis of ANI comparisons to GTDB R226	<i>Occallatibacter</i>	NCBI Assembly: GCA_963787995.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51567">seqco.de/i:51567</a>

<b>Proposed Taxon</b>	<b>Etymology</b>	<b>Description</b>	<b>Parent Taxon</b>	<b>Type</b>	<b>Registry URL</b>
Species <i>Occallatibacter terreus</i>	referring to a species found in soil [ter.re'us] <b>L. masc. adj.</b> <i>terreus</i> , Pertinent to soil, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Occallatibacter</i>	NCBI Assembly: GCA_963829535.1 Ts	<a href="https://seqco.de/i:51590">seqco.de/i:51590</a>
Species <i>Occallatibacter vicinus</i>	[vi.ci'nus] <b>L. masc. adj.</b> <i>vicinus</i> , Close to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Occallatibacter</i>	NCBI Assembly: GCA_963742455.1 Ts	<a href="https://seqco.de/i:51591">seqco.de/i:51591</a>
Species <i>Planosporangium terrestre</i>	[ter.res'tre] <b>L. neut. adj.</b> <i>terrestre</i> , Pertinent to soil, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Planosporangium</i>	NCBI Assembly: GCA_963837285.1 Ts	<a href="https://seqco.de/i:51639">seqco.de/i:51639</a>
Species <i>Propionicimonas affinis</i>	[af.fi'nis] <b>L. fem. adj.</b> <i>affinis</i> , Akin, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Propionicimonas</i>	NCBI Assembly: GCA_963848845.1 Ts	<a href="https://seqco.de/i:51661">seqco.de/i:51661</a>
Species <i>Pukyongia nordica</i>	[nor'di.ca] <b>L. fem. adj.</b> <i>nordica</i> , Northern, referring to a species found in the Nordic region (northern Europe)	Species established on the basis of ANI comparisons to GTDB R226	<i>Pukyongia</i>	NCBI Assembly: GCA_963768085.1 Ts	<a href="https://seqco.de/i:51624">seqco.de/i:51624</a>
Species <i>Rhizomicrobium affine</i>	[af.fi'ne] <b>L. neut. adj.</b> <i>affine</i> , Akin, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Rhizomicrobium</i>	NCBI Assembly: GCA_963805005.1 Ts	<a href="https://seqco.de/i:51626">seqco.de/i:51626</a>
Species <i>Rhizomicrobium humicum</i>	[hu'mi.cum] <b>N.L. neut. adj.</b> <i>humicum</i> , Pertinent to soil, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Rhizomicrobium</i>	NCBI Assembly: GCA_963741735.1 Ts	<a href="https://seqco.de/i:51601">seqco.de/i:51601</a>
Species <i>Rhizomicrobium terrestre</i>	[ter.res'tre] <b>L. neut. adj.</b> <i>terrestre</i> , Pertinent to soil, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Rhizomicrobium</i>	NCBI Assembly: GCA_963789595.1 Ts	<a href="https://seqco.de/i:51605">seqco.de/i:51605</a>
Species <i>Rhodopila glebica</i>	[gle.bi'ca] <b>L. fem. n.</b> <i>gleba</i> , clod or lump of earth; <b>L. fem. adj. suff.</b> - <i>ica</i> , suffix used with the sense of belonging to; <b>N.L. fem. adj.</b> <i>glebica</i> , Pertinent to lumps of earth, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Rhodopila</i>	NCBI Assembly: GCA_963797305.1 Ts	<a href="https://seqco.de/i:51657">seqco.de/i:51657</a>

Proposed Taxon Species	Etyymology	Description	Parent Taxon	Type	Registry URL
<i>Rhodopirellula aquidulcis</i>	[a.qui.dul'cis] <b>L. fem. adj.</b> <i>dulcis</i> , sweet; water; <b>N.L. fem. adj.</b> <i>aquidulcis</i> , Pertinent to freshwater, referring to a species found in freshwater	Species established on the basis of ANI comparisons to GTDB R226	<i>Rhodopirellula</i>	NCBI Assembly: GCA_963833245.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51617">seqco.de/i:51617</a>
Species <i>Salsipaludibacter oricus</i>	[o.ri'cus] <b>L. fem. n.</b> <i>ora</i> , coastline; <b>L. masc. adj. suff.</b> <i>-icus</i> , suffix used with the sense of belonging to; <b>N.L. masc. adj.</b> <i>oricus</i> , Pertinent to the coast, referring to a species found in the coast	Species established on the basis of ANI comparisons to GTDB R226	<i>Salsipaludibacter</i>	NCBI Assembly: GCA_963735045.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51648">seqco.de/i:51648</a>
Species <i>Sulfobium telluricum</i> <sup>Ts</sup>	[te.l.lu.ri'cum] <b>L. gen. fem. n.</b> <i>telluris</i> , soil or earth; <b>L. neut. adj. suff.</b> <i>-icum</i> , suffix used with the sense of belonging to; <b>L. neut. adj.</b> <i>telluricum</i> , Pertinent to soil, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Sulfobium</i>	NCBI Assembly: GCA_963811165.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51600">seqco.de/i:51600</a>
Species <i>Sulfuricystis danica</i>	[da'ni.ca] <b>L. fem. adj.</b> <i>danica</i> , Danish, referring to a species found in Denmark	Species established on the basis of ANI comparisons to GTDB R226	<i>Sulfuricystis</i>	NCBI Assembly: GCA_963816095.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51638">seqco.de/i:51638</a>
Species <i>Sulfuritelmatobacter adiacens</i>	[ad.ia'cens] <b>L. masc. part. adj.</b> <i>adiacens</i> , Next to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Sulfuritelmatobacter</i>	NCBI Assembly: GCA_963696285.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51547">seqco.de/i:51547</a>
Species <i>Sulfuritelmatobacter aridus</i>	[a'ri.dus] <b>L. masc. adj.</b> <i>aridus</i> , Dry, referring to a species found in arid soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Sulfuritelmatobacter</i>	NCBI Assembly: GCA_963830295.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51554">seqco.de/i:51554</a>
Species <i>Sulfuritelmatobacter danicus</i>	[da'ni.cus] <b>L. masc. adj.</b> <i>danicus</i> , Danish, referring to a species found in Denmark	Species established on the basis of ANI comparisons to GTDB R226	<i>Sulfuritelmatobacter</i>	NCBI Assembly: GCA_963787495.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51549">seqco.de/i:51549</a>
Species <i>Sulfuritelmatobacter europaeus</i> <sup>Ts</sup>	[eu.ro.pae'us] <b>L. masc. adj.</b> <i>europaeus</i> , European, referring to a species found in Europe	Species established on the basis of ANI comparisons to GTDB R226	<i>Sulfuritelmatobacter</i>	NCBI Assembly: GCA_963715875.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51546">seqco.de/i:51546</a>
	[gle.bi'cus] <b>L. fem. n.</b> <i>gleba</i> , clod or lump of earth; <b>L. masc. adj.</b>	Species established on			

Species <b>Proposed Taxon</b>	<b>Etymology</b> suff. <i>-icus</i> , suffix used with the sense of belonging to, <b>N.L. masc.</b>	<b>Description</b> the basis of ANI comparisons to GTDB	<b>Parent Taxon</b> <i>Sulfuritelmatobacter</i>	<b>Type</b> NCBI Assembly: GCA_963789875.1 <sup>Ts</sup>	<b>Registry URL</b> <a href="#">seqco.de/j:51542</a>
Species <i>Sulfuritelmatobacter glebicus</i>	<b>adj.</b> <i>glebicus</i> , Pertinent to lumps of earth, referring to a species found in soil	R226			
Species <i>Sulfuritelmatobacter humicus</i>	[hu'mi.cus] <b>N.L. masc. adj.</b> <i>humicus</i> , Pertinent to soil, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Sulfuritelmatobacter</i>	NCBI Assembly: GCA_963707325.1 <sup>Ts</sup>	<a href="https://seqco.de/j:51544">seqco.de/j:51544</a>
Species <i>Sulfuritelmatobacter nordicus</i>	[nor'di.cus] <b>L. masc. adj.</b> <i>nordicus</i> , Northern, referring to a species found in the Nordic region (northern Europe)	Species established on the basis of ANI comparisons to GTDB R226	<i>Sulfuritelmatobacter</i>	NCBI Assembly: GCA_963765825.1 <sup>Ts</sup>	<a href="https://seqco.de/j:51543">seqco.de/j:51543</a>
Species <i>Sulfuritelmatobacter proximus</i>	[pro'xi.mus] <b>L. masc. adj.</b> <i>proximus</i> , Close to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Sulfuritelmatobacter</i>	NCBI Assembly: GCA_963801885.1 <sup>Ts</sup>	<a href="https://seqco.de/j:51558">seqco.de/j:51558</a>
Species <i>Sulfuritelmatobacter scandiae</i>	[scan.di'ae] <b>N.L. fem. gen. n.</b> <i>scandiae</i> , Scandinavian, referring to a species found in Scandinavia	Species established on the basis of ANI comparisons to GTDB R226	<i>Sulfuritelmatobacter</i>	NCBI Assembly: GCA_963838015.1 <sup>Ts</sup>	<a href="https://seqco.de/j:51557">seqco.de/j:51557</a>
Species <i>Sulfuritelmatobacter vicinus</i>	[vi.ci'nus] <b>L. masc. adj.</b> <i>vicinus</i> , Close to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Sulfuritelmatobacter</i>	NCBI Assembly: GCA_963702775.1 <sup>Ts</sup>	<a href="https://seqco.de/j:51545">seqco.de/j:51545</a>
Species <i>Tumulicola arida</i>	[a'ri.da] <b>L. fem. adj.</b> <i>arida</i> , Dry, referring to a species found in arid soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Tumulicola</i>	NCBI Assembly: GCA_963782065.1 <sup>Ts</sup>	<a href="https://seqco.de/j:51614">seqco.de/j:51614</a>
Species <i>Tumulicola humica</i>	[hu'mi.ca] <b>N.L. fem. adj.</b> <i>humica</i> , Pertinent to soil, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Tumulicola</i>	NCBI Assembly: GCA_963755555.1 <sup>Ts</sup>	<a href="https://seqco.de/j:51647">seqco.de/j:51647</a>
Species <i>Tumulicola propinqua</i>	[pro.pin'qua] <b>L. fem. adj.</b> <i>propinqua</i> , Near to, referring to a species related to but distinct from the existing species	Species established on the basis of ANI comparisons to GTDB R226	<i>Tumulicola</i>	NCBI Assembly: GCA_963704715.1 <sup>Ts</sup>	<a href="https://seqco.de/j:51645">seqco.de/j:51645</a>
Species	[ter.re'us] <b>L. masc. adj.</b> <i>terreus</i> ,	Species established on the basis of ANI		NCBI Assembly:	

<i>Usitatibacter terreus</i> <b>Proposed Taxon</b>	<b>Etymology</b> Pertinent to soil, referring to a species found in soil	<b>Description</b> comparisons to GTDB R226	<i>Usitatibacter</i> <b>Parent Taxon</b>	GCA_963839265.1 <sup>Ts</sup> <b>Type</b>	<a href="https://seqco.de/i:51599">seqco.de/i:51599</a> <b>Registry URL</b>
Species <i>Velthaea humica</i>	[hu'mi.ca] <b>N.L. fem. adj.</b> <i>humica</i> , Pertinent to soil, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Velthaea</i>	NCBI Assembly: GCA_963701255.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51588">seqco.de/i:51588</a>
Species <i>Vitreimonas glebica</i>	[gle.bi'ca] <b>L. fem. n.</b> <i>gleba</i> , clod or lump of earth; <b>L. fem. adj. suff.</b> - <i>ica</i> , suffix used with the sense of belonging to; <b>N.L. fem. adj.</b> <i>glebica</i> , Pertinent to lumps of earth, referring to a species found in soil	Species established on the basis of ANI comparisons to GTDB R226	<i>Vitreimonas</i>	NCBI Assembly: GCA_963837475.1 <sup>Ts</sup>	<a href="https://seqco.de/i:51640">seqco.de/i:51640</a>