

Register list for 7 new names including *Phosphoribacter hoenirii* sp. 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
Species <i>Azonexus amarohabitans</i>	[a.ma.ro.ha'bi.tans] G. fem. n. <i>amara</i> , trench, conduit, channel, here, a sewage conduit; ; L. part. adj. <i>habitans</i> , inhabitant; N.L. masc. adj. <i>amarohabitans</i> , pertaining to the habitat where the MAG was sequenced from	The MAG representative for this species was isolated from activated sludge, wastewater treatment plant located in Esbjerg West, Denmark	<i>Azonexus</i>	NCBI Assembly: GCA_016709965.1 Ts	seqco.de/i:49013
Species <i>Azonexus defluvii</i>	[de.flu'vi.i] L. masc. gen. n. <i>defluvii</i> , of wastewater	The MAG representative for this species was isolated from activated sludge, wastewater treatment plant located in Esbjerg West, Denmark	<i>Azonexus</i>	NCBI Assembly: GCA_016709495.1 Ts	seqco.de/i:49012
Species <i>Azonexus phosphoriphilus</i>	[phos.pho.ri.phi'lus] N.L. masc. n. <i>phosphorus</i> , phosphorus; G. masc. n. <i>philos</i> , lover; N.L. masc. adj. <i>phosphoriphilus</i> , indicating the ability to uptake phosphorus	The MAG representative for this species was isolated from activated sludge, wastewater treatment plant located in Odense, Denmark. Based on metabolic annotations, this species are close related to the other two species from <i>Azonexus</i> genera with the ability to accumulate polyphosphate.	<i>Azonexus</i>	NCBI Assembly: GCA_016714975.1 Ts	seqco.de/i:49011
Species <i>Phosphoribacter freyrii</i>	[fre'y.ri.i] N.L. gen. n. <i>freyrii</i> , freyrii of Freyr, Norse god of fertility	The MAG representative for this species was isolated from activated sludge, wastewater treatment plant located in Hjørring, Denmark	<i>Phosphoribacter</i>	NCBI Assembly: GCA_016710385.1 Ts	seqco.de/i:49009
Species <i>Phosphoribacter hoenirii</i>	[ho'e.ni.ri'i] N.L. gen. n. <i>hoenirii</i> , hoenirii of Hoenir, Norse god of silence	The MAG representative for this species was isolated from activated sludge, wastewater treatment plant located in Aalborg West, Denmark. Based on metabolic annotation, the species show similar metabolic potential to its close relatives <i>Phosphoribacter baldrii</i> and <i>hodrii</i>	<i>Phosphoribacter</i>	NCBI Assembly: GCA_963851545.1 Ts	seqco.de/i:49010

Proposed Taxon	Etymology	Description	Parent Taxon	Type	Registry URL
Species <i>Phosphoribacter thorii</i>	[tho.ri'i] N.L. gen. n. <i>thorii</i> , of Thor, Norse god of thunder	The MAG representative for this species was isolated from activated sludge, wastewater treatment plant located in Mariagerfjord, Denmark	<i>Phosphoribacter</i>	NCBI Assembly: GCA_016715285.1 Ts	seqco.de/i:49008
Species <i>Phosphoribacter tyrii</i>	[ty'ri.i] N.L. gen. n. <i>tyrii</i> , from Tyr, Norse of god of war and justice	The MAG representative for this species was isolated from activated sludge, wastewater treatment plant located in Hirtshals, Denmark	<i>Phosphoribacter</i>	NCBI Assembly: GCA_016711095.1 Ts	seqco.de/i:49003