

Register list for 8 new names associated with endosymbionts of a magnetotactic ciliate

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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
Order <i>Protisticellales</i>	[Pro.tis.ti.cel.la'les] N.L. fem. n. <i>Protisticella</i> , referring to the type genus <i>Protisticella</i> ; -ales , ending to denote an order; N.L. fem. pl. n. <i>Protisticellales</i> , the <i>Protisticella</i> order	The type genus of the class is <i>Protisticella</i> .	<i>Gammaproteobacteria</i>	<i>Protisticella</i>	seqco.de/i:51456
Family <i>Protisticellaceae</i>	[Pro.tis.ti.cel.la'ce.ae] N.L. fem. n. <i>Protisticella</i> , referring to the type genus <i>Protisticella</i> ; -aceae , ending to denote a family; N.L. fem. pl. n. <i>Protisticellaceae</i> , the <i>Protisticella</i> family	The type genus of the class is <i>Protisticella</i> .	<i>Protisticellales</i>	<i>Protisticella</i>	seqco.de/i:51455
Genus <i>Endodesulfobacter</i>	[En.do.de.sul.fo.bac'ter.] Gr. pref. <i>endo-</i> , within; N.L. pref. <i>desulfo-</i> , desulfurating; N.L. masc. n. <i>bacter</i> , rod or staff; N.L. masc. n. <i>Endodesulfobacter</i> , an endosymbiotic rod-shaped sulfate-reducing bacterium	The description is the same as for the nomenclatural type <i>Endodesulfobacter magneticus</i> .	<i>Desulfovibrionaceae</i>	<i>Endodesulfobacter magneticus</i> ^{Ts}	seqco.de/i:51446
Genus <i>Midichloriella</i>	[Mi.di.chlo.ri.el'la] N.L. fem. dim. n. <i>Midichloriella</i> , little <i>Midichloria</i> , referencing the sister genus of this lineage and referring to the midichlorians, organisms within the fictional Star Wars universe	The description is the same as for the nomenclatural type <i>Midichloriella endociliophora</i> .	<i>Midichloriaceae</i>	<i>Midichloriella endociliophora</i> ^{Ts}	seqco.de/i:51341
Genus <i>Protisticella</i>	[Pro.tis.ti.cel'la] N.L. neut. pl. n. <i>Protista</i> , protists; L. fem. n. <i>cella</i> , a store-room and, in biology, a cell; N.L. fem. n. <i>Protisticella</i> , a cell from protists, referring to the endosymbiotic interaction between this bacterium and its protist host	The description is the same as for the nomenclatural type <i>Protisticella dordognensis</i> .	<i>Protisticellaceae</i>	<i>Protisticella dordognensis</i> ^{Ts}	seqco.de/i:51454
Species	[mag.ne'ti.cus.] L. masc. adj.	Endosymbiotic rod-shaped bacterium of a freshwater		NCBI Assembly:	

<i>Endodesulfobacter</i> Proposed Taxon <i>magneticus</i> ^{Ts}	<i>magneticus</i> , magnetic Etymology	magnetotactic ciliate forming magnetite Description magnetosomes.	<i>Endodesulfobacter</i> Parent Taxon	GCA_965112965.1 ^{Ts} Type	seqco.de/i:51447 Registry URL
Species <i>Midichloriella</i> <i>endociliophora</i> ^{Ts}	[en.do.ci.li.o.pho'ra] Gr. pref. <i>endo-</i> , inside; N.L. fem. pl. n. <i>Ciliophora</i> , the <i>Ciliophora</i> phylum of protists; N.L. fem. adj. <i>endociliophora</i> , inside <i>Ciliophora</i> , referring to the endosymbiotic interaction between this bacterium and its <i>Ciliophora</i> host	Endosymbiotic rod-shaped bacteria of a freshwater magnetotactic ciliate.	<i>Midichloriella</i>	NCBI Assembly: GCA_964213345.1 ^{Ts}	seqco.de/i:51342
Species <i>Protisticella</i> <i>dordognensis</i> ^{Ts}	[dor.do.gnen'sis] N.L. fem. adj. <i>dordognensis</i> , of Dordogne, referring to the Dordogne region and the Dordogne River (France), where this organism was collected with its host	Endosymbiotic rod-shaped bacteria of a freshwater magnetotactic ciliate from the Dordogne River (France).	<i>Protisticella</i>	NCBI Assembly: GCA_964213355.1 ^{Ts}	seqco.de/i:51453