

Register list for 25 new names including Palauibacteraceae fam. 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
Order <i>Palauibacterales</i>	[Pa.la.ui.bac.te.ra'les] N.L. masc. n. <i>Palauibacter</i> , type genus of the order; <i>-ales</i> , ending to denote an order; N.L. fem. pl. n. <i>Palauibacterales</i> , the Palauibacter order		<i>Gemmatimonadetes</i>	<i>Palauibacter</i>	seqco.de/i:23816
Family <i>Palauibacteraceae</i>	[Pa.la.ui.bac.te.ra.ce'ae] N.L. masc. n. <i>Palauibacter</i> , type genus of the family; <i>-aceae</i> , ending to denote a family; N.L. fem. pl. n. <i>Palauibacteraceae</i> , the Palauibacter family		<i>Palauibacterales</i>	<i>Palauibacter</i>	seqco.de/i:23815
Genus <i>Palauibacter</i>	[Pa.la.ui.bac'ter] N.L. n. <i>Palau</i> , Republic of Palau; N.L. masc. n. <i>bacter</i> , rod; N.L. masc. n. <i>Palauibacter</i> , bacteria from the Republic of Palau		<i>Palauibacteraceae</i>	<i>Palauibacter soopunensis</i> ^{Ts}	seqco.de/i:23808
Genus <i>Carthagonibacter</i>	[Car.tha.go.ni.bac'ter] N.L. n. <i>Carthago</i> , Carthago nova or Carthago spartaria, nowadays known as Cartagena, city in the southeast of Spain; N.L. masc. n. <i>bacter</i> , rod; N.L. masc. n. <i>Carthagonibacter</i> , bacterium from Carthago Nova, a city close to its isolation place		<i>Palauibacteraceae</i>	<i>Carthagonibacter metallireducens</i> ^{Ts}	seqco.de/i:23809
Genus <i>Benthicola</i>	[Ben.thi'co.la] Gr. masc. n. <i>benthos</i> , bottom of a body water; L. masc. / fem. n. <i>-cola</i> , inhabitant; L. masc. n. <i>Benthicola</i> , inhabitant of the bottom of a body water		<i>Palauibacteraceae</i>	<i>Benthicola marisminoris</i> ^{Ts}	seqco.de/i:23810
Genus <i>Humimonas</i>	[Hu.mi.mo'nas] L. fem. n. <i>humus</i> , soil, ground; L. fem. n. <i>monas</i> , a unit; N.L. fem. n. <i>Humimonas</i> , a monad from soil		<i>Palauibacteraceae</i>	<i>Humimonas hydrogenitrophica</i> ^{Ts}	seqco.de/i:23811
Genus <i>Caribbeanibacter</i>	[Ca.rib.bea.ni.bac'ter] N.L. n. <i>caribbean</i> , referring to the Caribbean Islands; N.L. masc. n. <i>bacter</i> , rod; N.L. masc. n. <i>Caribbeanibacter</i> , rod from the Caribbean Islands		<i>Palauibacteraceae</i>	<i>Caribbeanibacter nitroreducens</i> ^{Ts}	seqco.de/i:23812
Genus <i>Kutchimonas</i>	[Kut.chi.mo'nas] N.L. n. <i>Kutch</i> , Gulf of Kutch located in India; L. fem. n. <i>monas</i> , a unit; N.L. fem. n. <i>Kutchimonas</i> , a monad from the gulf of Kutch		<i>Palauibacteraceae</i>	<i>Kutchimonas denitrificans</i> ^{Ts}	seqco.de/i:23813
Genus <i>Indicimonas</i>	[In.di.ci.mo'nas] N.L. masc. n. <i>indicus</i> , referring to the Indian ocean; L. fem. n. <i>monas</i> , a unit; N.L. fem. n. <i>Indicimonas</i> , a monad from the Indian Ocean		<i>Palauibacteraceae</i>	<i>Indicimonas acetifermentans</i> ^{Ts}	seqco.de/i:23814

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Species <i>Benthicola marisminoris</i> ^{Ts}	[ma.ris.mi.no'ris] N.L. gen. n. <i>marisminoris</i> , referring to the Mar Menor lagoon, the site of isolation, located in Murcia, Spain		<i>Benthicola</i>	NCBI Assembly: GCA_023554335.1 Ts	seqco.de/i:23797
Species <i>Palauibacter poritcola</i>	[po.ri.ti'co.la] N.L. n. <i>Porites</i> , name of the coral genus; L. masc. / fem. n. suff. - <i>cola</i> , inhabitant; L. masc. n. <i>poritcola</i> , inhabitant of Porites		<i>Palauibacter</i>	NCBI Assembly: GCA_012270965.1 Ts	seqco.de/i:23793
Species <i>Palauibacter denitrificans</i>	[de.ni.tri.fi'cans] N.L. v. <i>denitrifico</i> , to denitrify; N.L. masc. part. adj. <i>denitrificans</i> , denitrifying		<i>Palauibacter</i>	NCBI Assembly: GCA_009841015.1 Ts	seqco.de/i:23791
Species <i>Kutchimonas denitrificans</i> ^{Ts}	[de.ni.tri.fi'cans] N.L. v. <i>denitrifico</i> , to denitrify; N.L. fem. part. adj. <i>denitrificans</i> , denitrifying		<i>Kutchimonas</i>	NCBI Assembly: GCA_011774835.1 Ts	seqco.de/i:23800
Species <i>Palauibacter ramosifaciens</i>	[ra.mo.si.fa'ciens] L. masc. adj. <i>ramosus</i> , branching, having many branches; L. pres. part. <i>faciens</i> , making; N.L. masc. n. <i>ramosifaciens</i> , branched synthesizer, referring to branched-chain amino acids		<i>Palauibacter</i>	NCBI Assembly: GCA_009845855.1 Ts	seqco.de/i:23790
Species <i>Palauibacter irciniicola</i>	[ir.ci.ni.i'co.la] N.L. fem. n. <i>Ircinia</i> , name of the sponge genus; L. masc. or fem. n. suff. - <i>cola</i> , inhabitant; L. masc. n. <i>irciniicola</i> , inhabitant of Ircinia		<i>Palauibacter</i>	NCBI Assembly: GCA_009836005.1 Ts	seqco.de/i:23792
Species <i>Carthagonibacter metallireducens</i> ^{Ts}	[me.ta.li.re.du'cens] L. neut. n. <i>metallum</i> , metal; L. pres. part. <i>reducens</i> , leading back, bringing back and in chemistry converting to a different oxidation state; N.L. masc. part. adj. <i>metallireducens</i> , reducing metal		<i>Carthagonibacter</i>	NCBI Assembly: GCA_023554445.1 Ts	seqco.de/i:23794
Species <i>Palauibacter australiensis</i>	[aus.tra.li.en'sis] N.L. masc. adj. <i>australiensis</i> , of or belonging to Australia		<i>Palauibacter</i>	NCBI Assembly: GCA_026705295.1 Ts	seqco.de/i:23802
Species <i>Palauibacter polyketidifaciens</i>	[po.ly.ke.ti.di.fa.ci'ens] Gr. neut. n. <i>polyketidum</i> , polyketide; L. pres. part. <i>faciens</i> , making; N.L. masc. part. adj. <i>polyketidifaciens</i> , polyketide synthesizer		<i>Palauibacter</i>	NCBI Assembly: GCA_947581785.1 Ts	seqco.de/i:23807
Species <i>Palauibacter scopulicola</i>	[s.co.pu.li'co.la] L. masc. n. <i>scopulus</i> , reef, rock under the sea; L. masc. or fem. n. suff. - <i>cola</i> , inhabitant; N.L. masc. n. <i>scopulicola</i> , inhabitant of reefs, rocks under the sea		<i>Palauibacter</i>	NCBI Assembly: GCA_947581915.1 Ts	seqco.de/i:23803

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Species <i>Humimonas hydrogenitrophica</i> ^{Ts}	[hy.dro.ge.ni.tro.phi'ca] N.L. neut. n. <i>hydrogenum</i> , hydrogen; Gr. masc. adj. <i>trophikos</i> , nursing, tending or feeding; N.L. fem. adj. <i>hydrogenitrophica</i> , feeding on hydrogen, referring to the ability of the micro-organism to grow with H ₂ /CO ₂ as energy source		<i>Humimonas</i>	NCBI Assembly: GCA_947581615.1 ^{Ts}	seqco.de/i:23799
Species <i>Indicimonas acetifermentans</i> ^{Ts}	[a.ce.ti.fer.men'tans] N.L. neut. n. <i>acetum</i> , vinegar; L. part. adj. <i>fermentans</i> , fermenting; N.L. fem. part. adj. <i>acetifermentans</i> , vinegar or acetic acid fermenting bacteria		<i>Indicimonas</i>	NCBI Assembly: GCA_947581815.1 ^{Ts}	seqco.de/i:23801
Species <i>Palauibacter rhopaloidicola</i>	[rho.pa.loi.di'co.la] N.L. masc. n. <i>Rhopaloides</i> , name of the sponge genus; L. masc. / fem. n. suff. <i>-cola</i> , inhabitant; N.L. masc. n. <i>rhopaloidicola</i> , inhabitant of <i>Rhopaloides</i>		<i>Palauibacter</i>	NCBI Assembly: GCA_947581625.1 ^{Ts}	seqco.de/i:23804
Species <i>Palauibacter soopunensis</i> ^{Ts}	[soo.pu.nen'sis] N.L. masc. n. <i>soopunensis</i> , from Soopun, the aboriginal name of Esk island, where the genome was recovered		<i>Palauibacter</i>	NCBI Assembly: GCA_947581735.1 ^{Ts}	seqco.de/i:23788
Species <i>Benthicola azotiphorus</i>	[a.zo.ti.pho'rus] N.L. neut. n. <i>azotum</i> , nitrogen; Gr. masc. n. <i>phoros</i> , carry, bring; N.L. masc. n. <i>azotiphorus</i> , nitrogen carrying bacteria, referring to the modification of nitrogen compounds		<i>Benthicola</i>	NCBI Assembly: GCA_947581745.1 ^{Ts}	seqco.de/i:23798
Species <i>Caribbeanibacter nitroreducens</i> ^{Ts}	[ni.tro.re.du'cens] Gr. neut. n. <i>nitron</i> , nitrate, nitrite; L. pres. part. <i>reducens</i> , leading back, bringing back and in chemistry converting to a different oxidation state; N.L. masc. part. adj. <i>nitroreducens</i> , referring to nitrite reducing organism		<i>Caribbeanibacter</i>	NCBI Assembly: GCA_947581645.1 ^{Ts}	seqco.de/i:23805