



**LIST OF PROKARYOTIC NAMES
VALIDLY PUBLISHED**

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compiled by

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Notes

This compilation of validly published names of Prokaryotes is produced to the best of our knowledge. Nevertheless we do not accept any responsibility for errors, inaccuracies or omissions.

Names of prokaryotes are defined as being validly published by the *International Code of Nomenclature of Bacteria*^{a,b}. Validly published are all names which are included in the *Approved Lists of Bacterial Names*^{c,d,e,f} and the names subsequently published in the *International Journal of Systematic Bacteriology* (IJSB) and, from January 2000, in the *International Journal of Systematic and Evolutionary Microbiology* (IJSEM) in the form of original articles or in the *Validation Lists*.

Names not considered to be validly published, should no longer be used, or used in quotation marks, i.e. "*Streptococcus equisimilis*" to denote that the name has no standing in nomenclature. Please note that such names cannot be retrieved in this list.

Explanations, Examples

Numerical reference followed by (AL)	<i>Streptomyces setonii</i> 30:401 (AL)	Included in The <i>Approved Lists of Bacterial Names</i> . [Volume:page (AL)]
Numerical reference with asterisk	<i>Acidiphilium cryptum</i> 31:331*	original publication in the IJSB or IJSEM [Volume:page of description*]
Numerical reference without asterisk	<i>Acetomicrobium faecale</i> 38:136	<i>Validation List</i> in the IJSB or IJSEM [Volume:page]
≡	<i>Acetobacter methanolicus</i> (basonym) ≡ <i>Acidomonas methanolica</i>	homotypic (formerly: objective) synonym; the original name is indicated as a basonym ^{a,g}
=	<i>Brevibacterium albidum</i> (as synonym) = <i>Curtobacterium albidum</i>	heterotypic (formerly: subjective) synonym; the name published first (<i>Curtobacterium albidum</i>) has priority over <i>Brevibacterium albidum</i> ^{a,g}
corrig.	<i>Streptococcus sanguis</i> [sic], see: <i>Streptococcus sanguinis</i> (corrig.)	orthographic correction

^a International Code of Nomenclature of Bacteria (1990 revision). Lapage, S. P. et al. (eds.), American Society for Microbiology, Washington, D.C. 1992

^b De Vos, P. and Trüper, H.G. (2000). Judicial Commission of the International Committee on Systematic Bacteriology. IXth International (IUMS) Congress of Bacteriology and Applied Microbiology. Minutes of the meetings, 14, 15 and 18 August 1999, Sydney, Australia. *Int. J. Syst. Evol. Microbiol.* 50: 2239-2244.

^c Skerman, V.B.D., McGowan, V., Sneath, P.H.A. (1980). *Approved Lists of Bacterial Names*. *Int. J. Syst. Bacteriol.* **30**, 225-420.

^d Hill, L.R., Skerman, V.B.D., Sneath P.H.A. (1984). Corrigenda to the *Approved Lists of Bacterial Names* edited for the International Committee on Systematic Bacteriology. *Int. J. Syst. Bacteriol.* **34**, 508-511.

^e Skerman, V.B.D., McGowan, V., Sneath, P.H.A. *Approved Lists of Bacterial Names*. Amended edition. American Society for Microbiology, Washington, 1989.

^f Euzéby, J.P. (1997). Corrigenda to the *Approved Lists of Bacterial Names* and to the amended edition of the *Approved Lists of Bacterial Names*. *Int. J. Syst. Bacteriol.*, 1997, **47**, 1271-1272.

^g Tindall, B.J. (1999). Taxonomic note. Misunderstanding the Bacteriological Code. *Int.J.Syst.Bacteriol.*, **49**: 1313-1316.

- Acetoanaerobium sticklandii* 66:5511*
- Acidobacterium ailaoui* 66:5334*
- Acinetobacter celticus* 66:5397*
- Acinetobacter pakistanensis* 65:1 (as synonym) =
Acinetobacter bohemicus
- Algoriphagus litorisediminis* 66:5442*
- Aliiroseovarius zhejiangensis* 66:4962*
- Altererythrobacter sediminis* 66:5428*
- Arsenicitalea** 66:5483*
- Arsenicitalea aurantiaca* 66:5483*
- Bacterioplanoides** 66:5014*
- Bacterioplanoides pacificum* 66:5014*
- Bordetella pseudohinzii* 66:5457*
- Brevibacterium sediminis* 66:5273*
- Carboxylicivirga flava* 66:5415*
- Chromobacterium alkanivorans* 66:5234*
- Clostridium litorale* 41:580 (basonym) ≡
Peptoclostridium litorale
- Clostridium sticklandii* 30:283 (AL) (basonym) ≡
Acetoanaerobium sticklandii
- Coetzee** 66:5216*
- Coetzee brasiliensis* 66:5216*
- Corynebacterium crudilactis* 66:5293*
- Deinococcus budaensis* 66:5350*
- Deinococcus persicinus* 66:5080*
- Deinococcus saudiensis* 66:5110*
- Emticicia fontis* 66:5164*
- Ensifer alkalisoli* 66:5299*
- Eubacterium acidaminophilum* 39:93 (basonym) ≡
Peptoclostridium acidaminophilum
- Fervidobacterium thailandense* 66:5027*
- Frankia casuarinae* 66:5208*
- Frankia elaeagni* 66:5208*
- Frigoribacterium mesophilum* 58:1871* (basonym) ≡
Parafrigoribacterium mesophilum
- Frigoribacterium salinisoli* 66:5258*
- Gilvimarinus japonicus* 66:5422*
- Glycomyces lacisalsi* 66:5369*
- Haloparvum alkalitolerans* 66:5318*
- Halopiger thermotolerans* 66:4980*
- Huakuichenia** 66:5402*
- Huakuichenia soli* 66:5403*
- Idiomarina tyrosinivorans* 66:5390*
- Iodidimonas** 66:5021*
- Iodidimonas muriae* 66:5021*
- Jeotgalibacillus alkaliphilus* 66:5171*
- Jeotgalibacillus terrae* 66:5171*
- Labrenzia salina* 66:5179*
- Lactobacillus ixorae* 66:5504*
- Lentibacillus populi* 66:5286*
- Lunatimonas salinarum* 66:5226*
- Luteimonas padinae* 66:5450*
- Marinitoga arctica* 66:5075*

<i>Marinomonas blandensis</i> 66:5549*	<i>Pedobacter lycopersici</i> 66:5411*
	<i>Pedobacter vanadiisoli</i> 66:5116*
<i>Mesorhizobium japonicum</i> 66:4941*	
	Pelobium 66:4958*
<i>Microbacterium sorbitolivorans</i> 66:5560*	<i>Pelobium manganitolerans</i> 66:4958*
<i>Microvirgula curvata</i> 66:5313*	Peptoclostridium 66:5511*
	<i>Peptoclostridium acidaminophilum</i> 66:5511*
<i>Mucilaginibacter antarcticus</i> 66:5144*	<i>Peptoclostridium litorale</i> 66:5511*
<i>Nakamurella silvestris</i> 66:5464*	<i>Peptococcus simiae</i> 66:5191*
<i>Niastella hibisci</i> 66:5222*	<i>Phycococcus ginsengisoli</i> 66:5326*
<i>Nitratireductor lacus</i> 66:4966*	Piscinibacterium 66:5265*
	<i>Piscinibacterium candidicorallinum</i> 66:5266*
<i>Nocardioides flavus</i> 66:5279*	
	<i>Polaribacter haliotis</i> 66:5566*
<i>Nocardiopsis akesuensis</i> 66:5008*	
<i>Nocardiopsis rhizosphaerae</i> 66:5132*	<i>Pontibacter aydingkolensis</i> 66:5527*
<i>Nonomuraea purpurea</i> 66:4991*	<i>Primorskyibacter aestuariivivens</i> 66:5554*
<i>Novosphingobium bradum</i> 66:5088*	<i>Propionibacterium acnes</i> subsp. <i>defendens</i> 66:5364*
Oceanitalea 62:2493*	<i>Pseudohongiella nitratireducens</i> 66:5160*
<i>Oceanitalea nanhaiensis</i> 62:2493* (as synonym) =	
<i>Georgenia satyanarayana</i>	Pseudoroseovarius 65:3765
	<i>Pseudoroseovarius crassostreae</i> 65:3765 (as synonym)
<i>Paenibacillus oryzae</i> 66:5003*	≡ <i>Aliiroseovarius crassostreae</i>
<i>Paenibacillus sinopodophylli</i> 66:4998*	<i>Pseudoroseovarius halocynthiae</i> 65:3765 (as
	synonym) ≡ <i>Aliiroseovarius halocynthiae</i>
Paludifilum 66:5375*	<i>Pseudoroseovarius sediminilitoris</i> 65:3765 (as
<i>Paludifilum halophilum</i> 66:5376*	synonym) ≡ <i>Aliiroseovarius sediminilitoris</i>
	<i>Pseudoroseovarius zhejiangensis</i> 65:3765 (basonym) ≡
<i>Paracoccus contaminans</i> 66:5104*	<i>Aliiroseovarius zhejiangensis</i>
Parafrigoribacterium 66:5254*	<i>Pseudoxanthomonas helianthi</i> 66:5037*
<i>Parafrigoribacterium mesophilum</i> 66:5256*	
	<i>Psychrobacter pocilloporae</i> 66:5096*
<i>Patulibacter brassicae</i> 66:5059*	
	<i>Psychroflexus saliphilus</i> 66:5127*
<i>Pectobacterium parmentieri</i> 66:5382*	
	Raineyella 66:5535*
	<i>Raineyella antarctica</i> 66:5535*

- Rickettsia amblyommatis* 66:5241*
- Roseivirga seohaensis* 56:1064* divided into subspecies
Roseivirga seohaensis subsp. *aquiponti* 66:5542*
Roseivirga seohaensis subsp. *seohaensis* 66:5542*
- Rufibacter quisquiliarum* 66:5154*
- Saccharibacillus endophyticus* 66:5138*
- Saccharomonospora xiaoerkulensis* 66:5148*
- Sediminispirochaeta** 66:5490*
Sediminispirochaeta bajacaliforniensis 66:5490*
Sediminispirochaeta sinaica 66:5491*
Sediminispirochaeta smaragdinae 66:5490*
- Shewanella inventionis* 66:4952*
- Sphingaurantiacus capsulatus* 66:4934*
- Sphingobacterium chuzhouense* 66:4972*
Sphingobacterium cibi 66:5342*
- Sphingomonas lutea* 66:5498*
Sphingomonas piscinae 66:5307*
- Spirochaeta bajacaliforniensis* 54:631 (basonym) ≡
Sediminispirochaeta bajacaliforniensis
Spirochaeta sinaica 65:3876* (basonym) ≡
Sediminispirochaeta sinaica
Spirochaeta smaragdinae 48:1083 (basonym) ≡
Sediminispirochaeta smaragdinae
- Spirosoma soli* 66:5573*
- Staphylococcus sciuri* subsp. *carnaticus* 47:320* (as synonym) = *Staphylococcus sciuri*
Staphylococcus sciuri subsp. *rodentium* 47:321* (as synonym) = *Staphylococcus sciuri*
- Streptomyces kronopolitis* 66:5355*
Streptomyces lacrimifluminis 66:4985*
- Streptomyces litoralis* 66:5055*
Streptomyces tremellae 66:5031*
- Tersicoccus solisilvae* 66:5064*
- Thalassospira indica* 66:4946*
- Thalassotalea euphylliae* 66:5044*
- Tropicimonas arenosa* 66:5518*
- Uliginosibacterium paludis* 66:5123*
- Verrucosispora sonchi* 66:5434*
- Verticia** illegitimate name see: *Verticiella*
Verticia sediminum illegitimate name see:
Verticiella sediminum
Verticiella 66:5099*
Verticiella sediminum 66:5099*