



**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.

Acinetobacter guangdongensis 64:3420* (as synonym) = *Acinetobacter indicus*

Actinoplanes ramoplaninifer 67:4187*

Agaribacterium 67:3823*

Agaribacterium haliotis 67:3823*

Agarilytica 67:3781*

Agarilytica rhodophyticola 67:3782*

Algoriphagus marisflavi 67:4172*

Allobranchiibius 67:4214*

Allobranchiibius huperziae 67:4214*

Altererythrobacter deserti 67:3810*

Alteromonas pelagimontana 67:4037*

Anaerotignum 67:4151*

Anaerotignum aminivorans 67:4151*

Anaerotignum lactatifermentans 67:4152*

Anaerotignum neopropionicum 67:4152*

Anaerotignum propionicum 67:4151*

Bacillus endozanthoxylicus 67:3704*

Bifidobacterium vansinderenii 67:3995*

Borrelia lanei 67:3873*

Burkholderia arationis 66:3761 (basonym) ≡
Caballeronia arationis

Burkholderia arvi 66:3761 (basonym) ≡
Caballeronia arvi

Burkholderia calidae 66:3761 (basonym) ≡
Caballeronia calidae

Burkholderia catudaia 66:3761 (basonym) ≡
Caballeronia catudaia

Burkholderia concitans 66:3761 (basonym) ≡
Caballeronia concitans

Burkholderia fortuita 66:3761 (basonym) ≡
Caballeronia fortuita

Burkholderia glebae 66:3761 (basonym) ≡
Caballeronia glebae

Burkholderia hypogeia 66:3761 (basonym) ≡
Caballeronia hypogeia

Burkholderia jirisanensis 66:1265* (basonym) ≡
Paraburkholderia jirisanensis

Burkholderia pedi 66:3761 (basonym) ≡
Caballeronia pedi

Burkholderia peredens 66:3761 (basonym) ≡
Caballeronia peredens

Burkholderia pterochthonis 66:3762 (basonym) ≡
Caballeronia pterochthonis

Burkholderia temeraria 66:3762 (basonym) ≡
Caballeronia temeraria

Burkholderia turbans 66:3762 (basonym) ≡
Caballeronia turbans

Caballeronia arationis 67:3850*

Caballeronia arvi 67:3850*

Caballeronia calidae 67:3851*

Caballeronia catudaia 67: 3851*

Caballeronia concitans 67:3851*

Caballeronia fortuita 67:3851*

Caballeronia glebae 67:3851*

Caballeronia hypogeia 67:3851*

Caballeronia pedi 67:3851*

Caballeronia peredens 67:3851*

Caballeronia pterochthonis 67:3852*

Caballeronia temeraria 67:3852*

Caballeronia turbans 67:3852*

Catenovulum sediminis 67:3897*

Chryseomicrobium deserti 67:4131*

Clostridium lactatifermentans 52:925* (basonym) ≡
Anaerotignum lactatifermentans

Clostridium neopropionicum 45:879 (basonym) ≡
Anaerotignum neopropionicum

Clostridium propionicum 30:282 (AL) (basonym) ≡
Anaerotignum propionicum

<i>Confluentibacter citreus</i> 67:4011*	<i>Hydrogenophaga crassostreae</i> 67:4049*
	<i>Hydrogenophaga soli</i> 67:4203*
Consotaella 67:3750*	
<i>Consotaella salsifontis</i> 67:3750*	<i>Hymenobacter frigidus</i> 67:4124*
<i>Croceitalea marina</i> 67:4258*	Hyphococcus 67:4028*
	<i>Hyphococcus flavus</i> 67:4030*
Croceivirga 67:3735*	
<i>Croceivirga radialis</i> 67:3737*	<i>Lactobacillus curtus</i> 67:3905*
<i>Crocinitomix algicola</i> 67:4023*	<i>Larkinella ripae</i> 67:3763*
<i>Dyella agri</i> 67:4251*	<i>Lentibacillus sediminis</i> 67:3950*
<i>Edaphobacter acidisoli</i> 67:4265*	Limibaculum 67:3816*
	<i>Limibaculum halophilum</i> 67:3816*
<i>Elstera cyanobacteriorum</i> 67:4275*	
	<i>Loktanella acticola</i> 67:4179*
<i>Endozoicomonas acroporae</i> 67:3796*	
	<i>Longimonas haloalkaliphila</i> 67:4166*
<i>Erythrobacter arachoides</i> 67:4238*	
	<i>Longispora urticae</i> 67:4232*
<i>Flavimarina flava</i> 67:4244*	
	<i>Luteolibacter gellanilyticus</i> 67:3958*
<i>Flavobacterium ardleyense</i> 67:3969*	
<i>Flavobacterium quisquiliarum</i> 67:3969*	<i>Maribacter pelagius</i> 67:3838*
<i>Geofilum rhodophaeum</i> 67:3917*	Marispirochaeta 67:3935*
	<i>Marispirochaeta aestuarii</i> 67:3935*
Guyarkeria 67:3925*	
<i>Guyarkeria halophila</i> 67:3926*	Marivibrio 67:4270*
<i>Guyarkeria hydrothermalis</i> 67:3926*	<i>Marivibrio halodurans</i> 67:4271*
<i>Halobacterium litoreum</i> 67:4098*	<i>Massilia glaciei</i> 67:4078*
<i>Halothiobacillus halophilus</i> 50:515* (as synonym) ≡ <i>Guyarkeria halophila</i>	Meganema 56:1867* see: <i>Neomegalonema</i>
<i>Halothiobacillus hydrothermalis</i> 50:515* (as synonym) ≡ <i>Guyarkeria hydrothermalis</i>	<i>Meganema perideroedes</i> 56:1867* (basonym) ≡ <i>Neomegalonema perideroedes</i>
<i>Hydrogenophaga aquatica</i> 67:3720*	<i>Mesonina maritima</i> corrig. 67:4286*

Microbulbifer aggregans 67:4093*

Mucilaginibacter terrae 67:4006*

Mycobacterium aquiterrae 67:4109*

Mycobacterium chelonae subsp. *bovis* 67:3886*

Mycobacterium chelonae subsp. *chelonae* corrig.
30:325 (AL)

Mycoplasma tullyi 67:3697*

Natronotalea 67:4165*

Natronotalea proteinilytica 67:4166*

Neomegalonema 67:4277*

Neomegalonema perideroedes 67:4278*

Nesterenkonia pannonica 67:4119*

Nocardioides agrisoli 67:3726*

Nocardioides kandeliae 67:3892*

Nocardioides litorisoli 67:4220*

Oryzihumus soli 67:3964*

Oryzisolibacter 67:3755*

Oryzisolibacter propanilivorax 67:3757*

Paludicola 67:4103*

Paludicola psychrotolerans 67:4103*

Paraburkholderia jirisanensis 67:3852*

Paralkalibacillus 67:4053*

Paralkalibacillus indicireducens 67:4055*

Parapedobacter lycopersici 67:3732*

Parasphingopyxis algicola 67:3881*

Petrothermobacter 67:3985*

Petrothermobacter organivorans 67:3985*

Polaribacter insulae 67:4018*

Pontibacterium 67:3788*

Pontibacterium granulatum 67:3789*

Promicromonospora soli 67:3832*

Propioniciclava sinopodophylli 67:4115*

Pseudokineococcus basanitobsidens 67:3828*

Ramlibacter rhizophilus 67:3776*

Rhizobium esperanzae 67:3943*

Roseomonas aerofrigidensis 67:4043*

Saccharopolyspora aidingensis 67:691*
(basonym) ≡ *Salinifilum aidingensis*

Saccharopolyspora ghardaiensis 64:3604
(basonym) ≡ *Salinifilum ghardaiensis*

Salinifilum 67:4224*

Salinifilum aidingensis 67:4225*

Salinifilum ghardaiensis 67:4226*

Salinifilum proteinilyticum 67:4224*

Salinimicrobium flavum 67:4087*

Saliphagus 67:4158*

Saliphagus infecundisoli 67:4159*

Sphingobacterium corticis 67:3863*

Sphingomonas antarctica 67:4067*

Sphingomonas carri 67:4073*

Sphingomonas frigidaeris 67:3926*

Sphingomonas jeddahensis 67:4061*

Spirosoma carri 67:4199*

Streptomyces cerasinus 67:3858*

Streptomyces melanogenes 30:392 (AL) (as
synonym) = *Streptomyces noboritoensis*

Streptomyces xylanilyticus 67:4193*

Thalassotalea profundus 67:3742*

Thiomicrothrix hydrogeniphila 67:4209*

Thiomicrospira hydrogeniphila 66:3692*
(basonym) ≡ *Thiomicrothrix hydrogeniphila*

Williamwhitmania 67:4142*

Williamwhitmania taraxaci 67:4142*

Winogradskyella maritima 67:3844*