



**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*<sup>a,b</sup>. Validly published are all names which are included in the *Approved Lists of Bacterial Names*<sup>c,d,e,f</sup> 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 <sup>a,g</sup>
=	<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> <sup>a,g</sup>
corrig.	<i>Streptococcus sanguis</i> [sic], see: <i>Streptococcus sanguinis</i> (corrig.)	orthographic correction

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

<sup>b</sup> 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.

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

<sup>d</sup> 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.

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

<sup>f</sup> 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.

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

<i>Actinokineospora mzabensis</i> 65:1105	<i>Borrelia japonica</i> 65:1106
<i>Actinopolyspora biskrensis</i> 65:1105	<i>Borrelia kurtenbachii</i> 65:1106
<i>Actinotalea suaedae</i> 65:1105	<i>Borrelia sinica</i> 65:1106
<i>Agarivorans litoreus</i> 65:1105	<i>Borrelia spielmanii</i> 65:1106
<i>Albirehodobacter</i> 65:1105	<i>Bradyrhizobium lupini</i> 65:1218*
<i>Albirehodobacter marinus</i> 65:1105	<i>Cetia</i> 65:1149*
<i>Aliidiomarina haloalkalitolerans</i> 65:1105	<i>Cetia pacifica</i> 65:1149*
<i>Alteromonas mediterranea</i> 65:1105	<i>Chryseobacterium polytrichastri</i> 65:1106
<i>Aminicella corrig.</i> 65:1105	<i>Chryseobacterium rhizoplanae</i> 65:1106
<i>Aminicella lysinolytica corrig.</i> 65:1105	<i>Confluentimicrobium</i> 65:1106
<i>Amycolatopsis roodepoortensis</i> 65:1105	<i>Confluentimicrobium lipolyticum</i> 65:1106
<i>Amycolatopsis speibonae</i> 65:1105	<i>Deinococcus enclensis</i> 65:1106
<i>Aquibacillus salifodinae</i> 65:1105	<i>Desulfosporosinus acididurans</i> 65:1106
<i>Aquisalimonas lutea</i> 65:1358*	<i>Desulfovibrio biadhensis</i> 65:1260*
<i>Arthrobacter enclensis</i> 65:1106	<i>Dyadobacter jiangsuensis</i> 65:1142*
<i>Bacillus filamentosus</i> 65:1106	<i>Ezakiella</i> 65:1106
<i>Bacillus lonarensis</i> 65:1106	<i>Ezakiella peruensis</i> 65:1106
<i>Bacillus oleivorans</i> 65:1314*	<i>Flavirhabdus</i> 65:1351*
<i>Borrelia bavariensis</i> 63:4286* (basonym) ≡ <i>Borrelia</i>	<i>Flavirhabdus iliipiscaria</i> 65:1352*
<i>bavariensis</i>	<i>Flavobacterium qiangtangense corrig.</i> 65:1106
<i>Borrelia burgdorferi</i> 34:496* (basonym) ≡ <i>Borrelia</i>	<i>Frigidibacter</i> 65:1203*
<i>burgdorferi</i>	<i>Frigidibacter albus</i> 65:1205*
<i>Borrelia carolinensis</i> 61:382* (basonym) ≡ <i>Borrelia</i>	<i>Frigoribacterium endophyticum</i> 65:1211*
<i>carolinensis</i>	<i>Frondebacter</i> 65:1106
<i>Borrelia garinii</i> 42:382* (basonym) ≡ <i>Borrelia</i>	<i>Frondebacter aureus</i> 65:1106
<i>garinii</i>	<i>Geodermatophilus dictyosporus</i> 65:1106
<i>Borrelia japonica</i> 44:595 (basonym) ≡ <i>Borrelia</i>	<i>Gramella aestuariivivens</i> 65:1266*
<i>japonica</i>	<i>Granulosicoccus undariae</i> 65:1106
<i>Borrelia kurtenbachii</i> 64:129* (basonym) ≡ <i>Borrelia</i>	<i>Halorubrum laminariae</i> 65:1106
<i>kurtenbachii</i>	<i>Halorussus ruber</i> 65:1106
<i>Borrelia sinica</i> 51:1823* (basonym) ≡ <i>Borrelia</i>	
<i>sinica</i>	
<i>Borrelia spielmanii</i> 56:880* (basonym) ≡ <i>Borrelia</i>	
<i>spielmanii</i>	
<i>Borrelia</i> 65:1106	
<i>Borrelia bavariensis</i> 65:1106	
<i>Borrelia burgdorferi</i> 65:1106	
<i>Borrelia carolinensis</i> 65:1106	
<i>Borrelia garinii</i> 65:1106	

<i>Halovenus rubra</i> 65:1107	<i>Nocardiosis algeriensis</i> 65:1107
<i>Hymenobacter latericoloratus</i> 65:1107	<i>Nonomuraea syzygii</i> 65:1239*
<i>Hymenobacter luteus</i> 65:1107	<i>Oenococcus alcoholitolerans</i> 65:1107
<i>Hyunsoonleella pacifica</i> 65:1158*	<i>Olsenella scatoligenes</i> 65:1232*
<i>Ichthyenterobacterium</i> 65:1190*	<i>Palleronia abyssalis</i> 65:1107
<i>Ichthyenterobacterium magnum</i> 65:1191*	<i>Parabacteroides faecis</i> 65:1345*
<i>Idiomarina halophila</i> 65:1272*	<i>Pedobacter daejeonensis</i> 65:1244*
<i>Jiella</i> 65:1130*	<i>Pedobacter silvitoris</i> 65:1288*
<i>Jiella aquimaris</i> 65:1131*	<i>Pedobacter trunci</i> 65:1245*
<i>Labeledella endophytica</i> 65:1107	<i>Polaribacter marinivivus</i> 65:1107
<i>Larsenimonas</i> 65:1107	<i>Ponticoccus lacteus</i> 65:1250*
<i>Larsenimonas salina</i> 65:1107	<i>Pseudomonas linyingensis</i> 65:1107
<i>Limisphaera</i> 65:1118*	<i>Pseudomonas nitritir educens</i> 65:1107
<i>Limisphaera ngatamarikiensis</i> 65:1119*	<i>Rhizobium lupini</i> 30:355 (AL) (basonym) ≡ <i>Bradyrhizobium lupini</i>
<i>Lunatimonas</i> 65:1107	<i>Rhodanobacter koreensis</i> 65:1184*
<i>Lunatimonas lonarensis</i> 65:1107	<i>Rhodococcus biphenylivorans</i> 65:1107
<i>Melghiribacillus</i> 65:1177*	<i>Rhodococcus soli</i> 65:1107
<i>Melghiribacillus thermohalophilus</i> 65:1178*	<i>Romboutsia sedimentorum</i> 65:1197*
<i>Methanocaldococcus bathoardescens</i> 65:1282*	<i>Roseivivax jejudonensis</i> 65:1107
<i>Methanosarcina subterranea</i> 65:1170*	<i>Saccharothrix tamanrassetensis</i> 65:1319*
<i>Methylobrevis</i> 65:1326*	<i>Salinispira</i> 65:1107
<i>Methylobrevis pamukkalensis</i> 65:1326*	<i>Salinispira pacifica</i> 65:1107
<i>Methylopila henanensis corrig.</i> 65:1107	<i>Salipiger nanhaiensis</i> 65:1125*
<i>Microbispora bryophytorum</i> 65:1277*	<i>Serinibacter tropicus</i> 65:1154*
<i>Motiliproteus</i> 65:1107	<i>Siansivirga jejuensis</i> 65:1107
<i>Motiliproteus sediminis</i> 65:1107	<i>Siccibacter colletis</i> 65:1339*
<i>Myceligenerans cantabricum</i> 65:1333*	<i>Simiduia aestuariiviva</i> 65:1107
<i>Myroides injenensis</i> 65:1107	
<i>Nioella</i> 65:1107	
<i>Nioella nitratireducens</i> 65:1107	

*Sinomonas susongensis* 65:1136\*

*Sphingomonas gei* 65:1164\*

*Sphingorhabdus pacifica* corrig. 65:1107

*Spongiivirga* 65:1107

*Spongiivirga citrea* 65:1107

*Sporolactobacillus shoreae* 65:1225\*

*Sporolactobacillus spathodeae* 65:1225\*

*Streptococcus cameli* 65:1107

*Streptococcus tangierensis* 65:1107

*Streptomyces alkalithermotolerans* 65:1107

*Streptomyces klenkii* 65:1108

*Streptomyces lunaelactis* 65:1108

*Streptomyces seymenliensis* 65:1108

*Syntrophus aciditrophicus* 65:1108

*Uruburuella testudinis* 65:1255\*

*Variovorax guangxiensis* 65:1108

*Vibrio tritonius* 65:1108