



**LIST OF PROKARYOTIC NAMES
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compiled by

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Notes

This compilation produced by the DSMZ lists the names of prokaryotes which have been validly published in the most recent volume of the *International Journal of Systematic and Evolutionary Microbiology* (IJSEM). Such an update will be issued with the publication of each new edition of the IJSEM. The DSMZ accepts no responsibility for errors.

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.

- Actinopolyspora algeriensis* 63:797
- Agromonas** 35:223 see: *Bradyrhizobium*
Agromonas oligotrophica 35:223 (basonym) ≡
Bradyrhizobium oligotrophicum
- Allonocardiopsis** 63:902*
Allonocardiopsis opalescens 63:904*
- Altererythrobacter gangjinensis* 63:975*
- Aureivirga** 63:1093*
Aureivirga marina 63:1094*
- Bacillus ginsengisoli* 63:859*
Bacillus gottheilii 63:871*
- Bradyrhizobium oligotrophicum* 63:1015*
- Branchiibius cervicis* 63:797
- Brevibacterium ammoniilyticum* 63:1117*
- Brumimicrobium mesophilum* 63:1109*
- Chryseobacterium rigui* 63:1065*
Chryseobacterium taihuense 63:917*
- Comamonas guangdongensis* 63:813*
- Corallomonas** 63:986*
Corallomonas stylophorae 63:987*
- Derxia lacustris* 63:969*
- Desulfoconvexum** 63:963*
Desulfoconvexum agidum 63:963*
- Diaminobutyricimonas** 63:797
Diaminobutyricimonas aerilata 63:797
- Duganella radialis* 63:1130*
Duganella sacchari 63:1130*
- Echinimonas** 63:797
Echinimonas agarilytica 63:797
- Ferrimonas sediminum* 63:980*
- Flavobacterium enshiense* 63:890*
Flavobacterium tilapiae 63:833*
- Fontibacter ferrireducens* 63:928*
- Gaetbulibacter lutimaris* 63:999*
- Gallaecimonas xiamenensis* 63:933*
- Geodermatophilus arenarius* 63:797
- Gluconacetobacter medellinensis* 63:1124*
- Halarchaeum salinum* 63:1141*
- Halobaculum magnesiophilum* 63:865*
- Hymenobacter arizonensis* 63:797
- Jeongeupia chitinilytica* 63:938*
- Kangiella sediminilitoris* 63:1005*
- Klebsiella michiganensis* 63:797
- Litorilinea** 63:1152*
Litorilinea aerophila 63:1153*
- Luteivirga** 63:943*
Luteivirga sdotyamensis 63:944*
- Lutibacter flavus* 63:950*
- Magnetococcus** 63:807*
Magnetococcus marinus 63:807*
- Methylocystis bryophila* 63:1103*
- Methylomarinum** 63:1079*
Methylomarinum vadi 63:1080*
- Micromonospora equina* 63:883*
- Natronoarchaeum philippinense* 63:923*
- Nocardia amikacinitorans* 63:1060*
- Nocardioides perillae* 63:1071*
- Oceanibacterium** 63:797
Oceanibacterium hippocampi 63:797
- Olivibacter jilunii* 63:1087*
- Ornithinibacillus halophilus* 63:848*
- Paenibacillus hordei* 63:797
Paenibacillus typhae 63:1043*
- Pannonibacter indicus* corrig. 63:797
- Paracoccus huijuniae* 63:1135*
- Pelagimonas** 63:839*
Pelagimonas varians 63:842*

Phaeocystidibacter 63:1146*

Phaeocystidibacter luteus 63:1147*

Phycococcus badiiscoriae 63:993*

Phyllobacterium endophyticum 63:825*

Planosporangium thailandense 63:1054*

Polaribacter reichenbachii 63:798

Profundibacterium 63:1011*

Profundibacterium mesophilum 63:1011*

Pseudonocardia antitumoralis 63:898*

Pseudonocardia hispaniensis 63:798

Pseudorhodobacter antarcticus 63:853*

Rhodococcus cerastii 63:1027*

Rhodococcus trifolii 63:1028*

Sediminibacterium ginsengisoli 63:910*

Sinomicrobium 63:1048*

Sinomicrobium oceani 63:1049*

Sphingobacterium hotanense 63:819*

Sphingobacterium psychroaquaticum 63:957*

Sphingomonas starnbergensis 63:1022*

Streptococcus danieliae 63:798

Streptomyces heilongjiangensis 63:1035*

Thauera humireducens 63:877*