



**LIST OF PROKARYOTIC NAMES
VALIDLY PUBLISHED
in September 2014**

compiled by

**Dorothea Gleim, Leibniz-Institut DSMZ - Deutsche Sammlung von
Mikroorganismen und Zellkulturen GmbH
Braunschweig, Germany**

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,9}
=	<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,9}
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

- Acetobacteroides** 64:2989*
Acetobacteroides hydrogenigenes 64:2990*
- Actinomycetospora atypica* 64:2927
- Actinophytocola gilvus* 64:3124*
- Aestuariivita** 64:2973*
Aestuariivita boseongensis 64:2973*
- Arthrobacter bambusae* 64:3073*
- Atopobium deltae* 64:3144*
- Bacillus pakistanensis* 64:2927
- Bifidobacterium faecale* 64:3138*
- Bombiscardovia** 64:2927
Bombiscardovia coagulans 64:2927
- Brachybacterium ginsengisoli* 64:3067*
- Bradyrhizobium ottawaense* 64:3206*
Bradyrhizobium retamae 64:2927
Bradyrhizobium rifense 64:2927
- Burkholderia jiangsuensis* 64:3252*
- Butyricimonas faecihominis* 64:2996*
Butyricimonas paravirosa 64:2996*
- Campylobacter fetus* subsp. *testudinum* 64:2947*
- Catabacter** 64:2927
Catabacter honkongensis 64:2927
- Chitinimonas prasina* 64:3009*
- Chryseobacterium artocarp* 64:3158*
- Cohnella nanjingensis* 64:3323*
- Desulfatiglans** 64:3085*
Desulfatiglans anilini 64:3085*
Desulfatiglans parachlorophenolica 64:3085*
- Desulfobacterium anilini* 40:320 (basonym) ≡
Desulfatiglans anilini
- Desulfuribacillus** 64:2927
Desulfuribacillus alkaliarsenatis 64:2927
- Domibacillus indicus* 64:3014*
- Dysgonomonas macrotermis* 64:2960*
- Enterobacter siamensis* 64:2927
- Flaviflexus salsibiostraticola* 64:3296*
- Flaviumibacter cheonanensis* 64:3238*
- Fontibacillus phaseoli* 64:2927
- Geothermomicrobium** 64:3003*
Geothermomicrobium terrae 64:3003*
- Glaciecola agarilytica* 57:953* (basonym) ≡
Paraglaciecola agarilytica
Glaciecola aquimarina 63:2365 (basonym) ≡
Paraglaciecola aquimarina
Glaciecola arctica 61:2341* (basonym) ≡
Paraglaciecola arctica
Glaciecola chathamensis 56:2886* (basonym) ≡
Paraglaciecola chathamensis
Glaciecola mesophila 53:647* (basonym) ≡
Paraglaciecola mesophila
Glaciecola polaris 54:1770* (basonym) ≡
Paraglaciecola polaris
Glaciecola psychrophila 56:2868* (basonym) ≡
Paraglaciecola psychrophila
- Glycocaulis albus* 64:3186*
- Gracilibacillus alcaliphilus* 64:3178*
- Hartmannibacter** 64:3165*
Hartmannibacter diazotrophicus 64:3165*
- Hymenobacter qilianensis* 64:2927
- Klebsiella quasipneumoniae* 64:3151* divided into
subspecies
Klebsiella quasipneumoniae subsp. *quasipneumoniae*
64:3151*
Klebsiella quasipneumoniae subsp. *similipneumoniae*
64:3151*
Klebsiella singaporensis 54:2135* (as synonym) =
Klebsiella variicola
- Lacihabitans** 64:3192*
Lacihabitans soyangensis 64:3193*
- Lactobacillus apinorum* 64:3113*
Lactobacillus helsingborgensis 64:3118*
Lactobacillus kimbladii 64:3118*
Lactobacillus kullabergensis 64:3118*
Lactobacillus mellifer 64:3115*
Lactobacillus mellis 64:3117*
Lactobacillus melliventris 64:3117*
Lactobacillus sicerae 64:2954*
- Martellella mangrovi* 64:3107*
Martellella radices 64:3107*
- Massilia kyonggiensis* 64:2927

- Methylocaldum marinum* 64:3245*
- Niveispirillum** 64:2927
Niveispirillum fermenti 64:2927
- Novosphingobium aquiterrae* 64:3286*
- Oceanicola antarcticus* 64:2978*
Oceanicola flagellatus 64:2979*
- Orenia chitinitropha* 64:2927
- Paenibacillus lupini* 64:3032*
Paenibacillus pinesoli 64:2927 (misspelled), see:
Paenibacillus pinisoli
Paenibacillus pinisoli corrig. 64:2927
- Parafilimonas** 64:3043*
Parafilimonas terrae 64:3044*
- Paraglaciecola** 64:3270*
Paraglaciecola agarilytica 64:3270*
Paraglaciecola aquimarina 64:3270*
Paraglaciecola arctica 64:3270*
Paraglaciecola chathamensis 64:3271*
Paraglaciecola mesophila 64:3270*
Paraglaciecola oceanificundans 64:3273*
Paraglaciecola polaris 64:3271*
Paraglaciecola psychrophila 64:3271*
- Pontibacter diazotrophicus* 64:2928
- Promicromonospora iranensis* 64:3317*
- Propionibacterium damnosum* 64:2984*
Propionibacterium olivae 64:2984*
- Providencia thailandensis* 64:2928
- Pseudomonas aestusnigri* 64:2928
- Pseudoruegeria sabulilitoris* 64:3280*
- Pseudoscardovia** 64:2928
Pseudoscardovia suis 64:2928
- Ralstonia pseudosolanacearum* 64:3101*
Ralstonia syzygii subsp. *celebesensis* 64:3100*
Ralstonia syzygii subsp. *indonesiensis* 64:3100*
Ralstonia syzygii subsp. *syzygii* 64:3100*
- Rhizobium paranaense* 64:3228*
Rhizobium populi 64:3220*
Rhizobium straminoryzae 64:2967*
- Rhodoligotrophos jinshengii* 64:3328*
- Rhodoluna** 64:3262*
Rhodoluna lacicola 64:3262*
- Rhodopirellula lusitana* 64:2928
Rhodopirellula rubra 64:2928
- Rhodovulum mangrovi* 64:3172*
- Rubrobacter calidifluminis* 64:2928
Rubrobacter naiadicus 64:2928
- Salegentibacter echinorum* 64:2928
- Sinomicrobium pectinilyticum* 64:2942*
- Spiribacter** 64:2928
Spiribacter salinus 64:2928
- Spirosoma oryzae* 64:3234*
- Streptobacillus hongkongensis* 64:3038*
- Streptococcus loxodontisalivarius* 64:3291*
Streptococcus saliviloxodontae 64:3292*
- Streptomyces amritsarensis* 64:2928
Streptomyces iconiensis 64:3130*
Streptomyces leeuwenhoekii 64:2928
Streptomyces pluripotens 64:3305*
Streptomyces smyrnaeus 64:3132*
- Streptosporangium nanhuense* 64:2928
- Sulfurovum aggregans* 64:3200*
- Temperatibacter** 64:3078*
Temperatibacter marinus 64:3078*
- Thermosipho activus* 64:3312*
- Vibrio metoecus* 64:3213*