



**LIST OF PROKARYOTIC NAMES  
VALIDLY PUBLISHED**

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**compiled by**

**Joanna Lenc, Leibniz-Institut DSMZ - Deutsche Sammlung von Mikroorganismen und  
Zellkulturen GmbH  
Braunschweig, Germany**

## 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.

- Actinocorallia populi* 68:2328\*
- Alishewanella alkalitolerans* 68:2130
- Altererythrobacter flavus* 68:2268\*
- Amycolatopsis antarctica* 68:2352\*
- Arboricoccus** corrig. 68:2130  
*Arboricoccus pini* corrig. 68:2130
- Arboriscoccus** see:  
*Arboriscoccus pini* (misspelled), see: (as synonym) ≡ *Arboricoccus pini*
- Arenimonas halophila* 68:2191\*
- Bifidobacterium anseris* 68:2130  
*Bifidobacterium criceti* 68:2130  
*Bifidobacterium imperatoris* 68:2130  
*Bifidobacterium italicum* 68:2130  
*Bifidobacterium margollesii* 68:2130  
*Bifidobacterium parmae* 68:2130
- Borrelia afzelii* 68:2130 (as synonym) ≡ *Borrelia afzelii*  
*Borrelia americana* 68:2130 (as synonym) ≡ *Borrelia americana*  
*Borrelia valaisiana* 68:2130 (as synonym) ≡ *Borrelia valaisiana*
- Burkholderia insecticola* 68:2373\*
- Chitinophaga caeni* 68:2210\*  
*Chitinophaga caseinilytica* 68:2130  
*Chitinophaga varians* 68:2142\*
- Chryseomicrobium excrementi* 68:2169\*
- Cognatishimia** 68:2403\*  
*Cognatishimia maritima* 68:2403\*
- Cognatiyoonia** 68:2403\*  
*Cognatiyoonia koreensis* 68:2404\*  
*Cognatiyoonia sediminum* 68:2404\*
- Deinococcus multiflagellatus* 68:2130
- Epibacterium mobile* 68:2404\*  
*Epibacterium multivorans* 68:2404\*  
*Epibacterium scottomollicae* 68:2404\*
- Ereboglobus** 68:2130  
*Ereboglobus luteus* 68:2130
- Flavimaricola** 68:2404\*  
*Flavimaricola marinus* 68:2404\*
- Glycomyces sediminimaris* 68:2362\*
- Gramella salexigens* 68:2384\*
- Hymenobacter pedocola* 68:2246\*
- Kandeliimicrobium** 68:2163\*  
*Kandeliimicrobium roseum* 68:2163\*
- Ketobacter** 68:2262\*  
*Ketobacter alkanivorans* 68:2263\*
- Kocuria uropygialis* 68:2130  
*Kocuria uropygioeca* 68:2130
- Larkinella terrae* 68:2130
- Limimaricola** 68:2405\*  
*Limimaricola aestuariicola* 68:2405\*  
*Limimaricola cinnabarinus* 68:2405\*  
*Limimaricola hongkongensis* 68:2405\*  
*Limimaricola pyoseonensis* 68:2405\*  
*Limimaricola soesokkakensis* 68:2405\*  
*Limimaricola variabilis* 68:2405\*
- Mangrovicoccus** 68:2174\*  
*Mangrovicoccus ximenensis* 68:2175\*
- Marinicella sediminis* 68:2338\*
- Massilia armeniaca* 68:2322\*  
*Massilia violaceinigra* 68:2276\*
- Mesorhizobium delmotii* 68:2130  
*Mesorhizobium prunedense* 68:2130
- Methanonatronarchaeum** 68:2205\*  
*Methanonatronarchaeum thermophilum* 68:2206\*
- Novosphingobium arvoryzae* 68:2156\*
- Paenibacillus esterisolvens* 68:2149\*
- Pararhizobium haloflavum* 68:2130
- Parendozoicomonas** 68:2130  
*Parendozoicomonas haliclona* 68:2130
- Pelagibacterium montanilacus* 68:2222\*
- Peptoniphilus lacydonensis* 68:2130

<i>Phaeobacter italicus</i> 68:2406*	<b>Yoonia</b> 68:2408*
<b>Pseudaestuaria</b> 68:2406*	
<i>Pseudaestuaria atlantica</i> 68:2406*	<i>Yoonia litorea</i> 68:2408*
<i>Rheinheimera coerulea</i> 68:2345*	
<i>Roseomonas aeriglobus</i> 68:2130	<i>Yoonia maricola</i> 68:2408*
<i>Ruegeria litorea</i> 68:2406*	
<i>Ruegeria mediterranea</i> 68:2406*	
<i>Salegentibacter sediminis</i> 68:2378*	<i>Yoonia maritima</i> 68:2408*
<i>Salinibacter altiplanensis</i> 68:2130	
<i>Salinivibrio kushneri</i> 68:2130	<i>Yoonia rosea</i> 68:2408*
<i>Salipaludibacillus halalkaliphilus</i> 68:2218*	
<i>Salipiger aestuarii</i> 68:2407*	
<i>Salipiger bermudensis</i> 68:2407*	<i>Yoonia sediminilitoris</i> 68:2409*
<i>Salipiger manganoxidans</i> 68:2407*	
<i>Salipiger marinus</i> 68:2407*	
<i>Salipiger profundus</i> 68:2407*	
<i>Salipiger thiooxidans</i> 68:2407*	<i>Yoonia tamlensis</i> 68:2409*
<i>Shimia abyssi</i> 68:2407*	
<i>Shimia aestuarii</i> 68:2408*	
<i>Shimia aquaeponti</i> 68:2408*	<i>Yoonia vestfoldensis</i> 68:2408*
<i>Sphingorhabdus buctiana</i> 68:2130	
<i>Spirosoma harenae</i> 68:2130	
<i>Spirosoma humi</i> 68:2130	
<i>Spirosoma pomorum</i> 68:2130	
<i>Streptomyces aqsuensis</i> 68:2179*	
<i>Streptomyces sediminis</i> 68:2130	
<i>Streptomyces swartbergensis</i> 68:2130	<i>Zhouia spongiae</i> 68:2197*
<i>Sulfurovum denitrificans</i> 68:2186*	
<b>Thiofilum</b> 68:2237*	
<i>Thiofilum flexile</i> 68:2237*	
<b>Thiolinea</b> 68:2236*	
<i>Thiolinea disciformis</i> 68:2236*	<i>Zobellella maritima</i> 68:2283*
<i>Vagococcus teuberi</i> 68:2130	
<i>Winogradskyella aurantia</i> 68:2130	