



**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> .<br>[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>Aeromicrobium choanae</i> 67:360*                  | <i>Flectobacillus fontis</i> 67:342*            |
| <i>Algoriphagus iocasae</i> 67:248*                   | <i>Flexivirga oryzae</i> 67:483*                |
| <b>Aliidongia</b> 67:215*                             | <i>Hoeflea suaedae</i> 63:2280* (basonym) ≡     |
| <i>Aliidongia dinghuensis</i> 67:216*                 | <i>Pseudohoeflea suaedae</i>                    |
| <b>Allostreptomyces</b> 67:291*                       | <i>Hyunsoonleella rubra</i> 67:389*             |
| <i>Allostreptomyces psamosilenae</i> 67:292*          | <b>Kineothrix</b> 67:409*                       |
| <i>Altererythrobacter soli</i> 67:458*                | <i>Kineothrix alysoides</i> 67:409*             |
| <i>Alteromonas lipolytica</i> 67:241*                 | <i>Klebsiella aerogenes</i> 67:503*             |
| <i>Aquimarina versatilis</i> 67:415*                  | <b>Krasilnikoviella</b> 67:298*                 |
| <i>Arthrobacter ginkgonis</i> 67:323*                 | <i>Krasilnikoviella flava</i> 67:299*           |
| <i>Aureimonas glaciei</i> 67:488*                     | <i>Krasilnikoviella muralis</i> 67:299*         |
| <i>Bacillus capparidis</i> 67:286*                    | <b>Labilibacter</b> 67:443*                     |
| <i>Beggiatoa leptomitoformis</i> 67:202*              | <i>Labilibacter aurantiacus</i> 67:445*         |
| <b>Cephaloticoccus</b> 66:3038*                       | <i>Labilibacter marinus</i> 67:445*             |
| <i>Cephaloticoccus capnophilus</i> 66:3039*           | <i>Lacibacter nakdongensis</i> 67:355*          |
| <i>Cephaloticoccus primus</i> 66:3038*                | <i>Lactobacillus colini</i> 67:328*             |
| <i>Cohnella lubricantis</i> 67:470*                   | <i>Marinobacter halotolerans</i> 67:464*        |
| <i>Desulfitispora elongata</i> 67:401*                | <i>Marinobacter salinus</i> 67:210*             |
| <i>Desulfobulbus oligotrophicus</i> 67:280*           | <i>Methylobacillus methanolivorans</i> 67:430*  |
| <i>Desulfonatronospira sulfatiphila</i> 67:401*       | <i>Micromonospora parathelypteridis</i> 67:273* |
| <i>Enterobacter aerogenes</i> 30:293 (AL) (basonym) ≡ | <i>Micromonospora terminaliae</i> 67:229*       |
| <i>Klebsiella aerogenes</i>                           | <b>Motilimonas</b> 67:309*                      |
| <b>Fimbriiglobus</b> 67:223*                          | <i>Motilimonas eburnea</i> 67:309*              |
| <i>Fimbriiglobus ruber</i> 67:223*                    | <i>Novosphingobium guangzhouense</i> 67:495*    |
| <i>Flavobacterium luticocti</i> 67:372*               | <b>Oryzomicrobium</b> 67:186*                   |
|   | <i>Oryzomicrobium terrae</i> 67:188*            |
|   | <i>Paraburkholderia piptadeniae</i> 67:438*     |
|   | <i>Paraburkholderia ribeironis</i> 67:439*      |

*Pedobacter zeae* 67:235\*

*Vagococcus humatus* 67:335\*

***Pleomorphochaeta*** 67:422\*

*Pleomorphochaeta caudata* 67:423\*

*Pleomorphochaeta multiformis* 67:422\*

*Polynucleobacter wuianus* 67:384\*

*Promicromonospora flava* 59:1602\* (basonym) ≡  
*Krasilnikoviella flava*

*Promicromonospora kermanensis* 67:266\*

***Pseudohoeftlea*** 67:367\*

*Pseudohoeftlea suaedae* 67:367\*

*Racemicystis persica* 67:477\*

*Rhodococcus sovatus* 67:195\*

***Roseitalea*** 67:366\*

*Roseitalea porphyridii* 67:367\*

*Roseovarius confluentis* 67:350\*

***Rugosibacter*** 67:316\*

*Rugosibacter aromaticivorans* 67:317\*

***Saccharedens*** 67:452\*

*Saccharedens versatilis* 67:452\*

*Saccharicrinis marinus* 65:3431\* (basonym) ≡  
*Labilibacter marinus*

*Sphaerochaeta multiformis* 64:4153\* (basonym) ≡  
*Pleomorphochaeta multiformis*

*Streptococcus himalayensis* 67:260\*

*Streptomyces endus* 30:380 (AL) (as synonym) =  
*Streptomyces hygrosopicus* subsp. *hygrosopicus*  
*Streptomyces sporocinereus* 36:575 (as synonym) =  
*Streptomyces hygrosopicus* subsp. *hygrosopicus*

*Terrimonas rhizosphaerae* 67:394\*