

VALIDATION LIST NO. 71

Validation of publication of new names and new combinations previously effectively published outside the IJSB

The purpose of this announcement is to effect the valid publication of the following new names and new combinations under the procedure described previously [*Int J Syst Bacteriol* **27**(3), iv (1977)]. Authors and other individuals wishing to have new names and/or combinations included in future lists should send **the pertinent reprint or a photocopy thereof to the IJSB Editorial Office** for confirmation that all of the other requirements for valid publication have been met. It should be noted that the date of valid publication of these new names and combinations is the date of publication of this list, not the date of the original publication of the names and combinations. The authors of the new names and combinations are as given below, and these authors' names will be included in the author index of the present issue and in the volume author index in this issue of the IJSB. Inclusion of a name on these lists validates the name and thereby makes it available in bacteriological nomenclature. The inclusion of a name on this list is not to be construed as taxonomic acceptance of the taxon to which the name is applied. Indeed, some of these names may, in time, be shown to be synonyms, or the organisms may be transferred to another genus, thus necessitating the creation of a new combination.

Name	Proposed as:	Author(s) (reference)	Priority*	Nomenclatural type†
<i>Acidovorax defluvi</i>	sp. nov.	Schulze <i>et al.</i> (11)	5	Strain BSB411 (= DSM 12644)
<i>Aminobacterium</i>	gen. nov.	Baena <i>et al.</i> (1)	1	<i>Aminobacterium colombiense</i>
<i>Aminobacterium colombiense</i>	sp. nov.	Baena <i>et al.</i> (1)	1	Strain ALA-1 (= DSM 12261)
<i>Atopobium fossor</i> (basonym <i>Eubacterium fossor</i>)	comb. nov.	Kageyama <i>et al.</i> (7)	4	JCM 9981 (= NCTC 11919)
<i>Defluvibacter</i>	gen. nov.	Fritsche <i>et al.</i> (3)	5	<i>Defluvibacter lusatiensis</i>
<i>Defluvibacter lusatiensis</i> corrig. (<i>Defluvibacter lusatae</i> [sic])‡	sp. nov.	Fritsche <i>et al.</i> (3)	5	Strain S1 (= DSM 11099)
<i>Desulfovibrio intestinalis</i>	sp. nov.	Fröhlich <i>et al.</i> (4)§	9	Strain KMS2 (= DSM 11275)
<i>Moritella yayanosii</i>	sp. nov.	Nogi and Kato (8)	2	Strain DB21MT-5 (= JCM 10263)
<i>Neptunomonas</i>	gen. nov.	Hedlund <i>et al.</i> (6)	4	<i>Neptunomonas naphthovorans</i>
<i>Neptunomonas naphthovorans</i>	sp. nov.	Hedlund <i>et al.</i> (6)	4	Strain NAG-2N-126 (= ATCC 700637)
<i>Nitrobacter alkalicus</i>	sp. nov.	Sorokin <i>et al.</i> (12)	3	Strain AN1 (= LMD 97.163)
<i>Pyrococcus horikoshii</i>	sp. nov.	González <i>et al.</i> (5)	6	Strain JA-1 (= JCM 9974)
<i>Pyrolobus</i>	gen. nov.	Blöchl <i>et al.</i> (2)	7	<i>Pyrolobus fumarii</i>
<i>Pyrolobus fumarii</i>	sp. nov.	Blöchl <i>et al.</i> (2)	7	Strain 1A (= DSM 11204)
<i>Ralstonia basilensis</i>	sp. nov.	Steinle <i>et al.</i> (13)	5	Strain RK1 (= DSM 11853)
<i>Silicibacter</i>	gen. nov.	Petursdottir and Kristjansson (9)	4	<i>Silicibacter lacuscaerulensis</i>
<i>Silicibacter lacuscaerulensis</i>	sp. nov.	Petursdottir and Kristjansson (9)	4	Strain ITI-1157 (= DSM 11314)
<i>Thiomargarita</i>	gen. nov.	Schulz <i>et al.</i> (10)	8	<i>Thiomargarita namibiensis</i>
<i>Thiomargarita namibiensis</i>	sp. nov.	Schulz <i>et al.</i> (10)	8	Description; no pure culture isolated

Lists 1–70 were published in the *Int J Syst Bacteriol* **27** (1977) 306; **29** (1979) 79, 436; **30** (1980) 601, 676; **31** (1981) 215, 382; **32** (1982) 266, 384; **33** (1983) 438, 672, 896; **34** (1984) 91, 270, 355, 503; **35** (1985) 223, 375, 535; **36** (1986) 354, 489, 573; **37** (1987) 179; **38** (1988) 136, 220, 328, 449; **39** (1989) 93, 205, 371, 495; **40** (1990) 105, 212, 320, 470; **41** (1991) 178, 331, 456, 580; **42** (1992) 191, 327, 511, 656; **43** (1993) 188, 398, 624, 864; **44** (1994) 182, 370, 595, 852; **45** (1995) 197, 418, 619, 879; **46** (1996) 362, 625, 836, 1189; **47** (1997) 242, 601, 915, 1274; **48** (1998) 327, 627, 631, 1083; and **49** (1999) 1, 341, 935.

* Priority number assigned according to the date the documentation and request for validation are received.

† Abbreviations: ATCC, American Type Culture Collection, Manassas, VA, USA; DSM, DSMZ – Deutsche Sammlung von Mikroorganismen und Zellkulturen, Braunschweig, Germany; JCM, Japan Collection of Microorganisms, RIKEN, Saitama, Japan; LMD, Laboratory of Microbiology, Technical University, Delft, The Netherlands; NCTC, National Collection of Type Cultures, London, UK.

‡ Epithet has been corrected on validation according to Rule 61 of the Bacteriological Code.

§ Complete authorship reads: Fröhlich, Sass, Kuhnigk and König in Fröhlich, Sass, Babenzien, Kuhnigk, Varma, Saxena, Nalepa, Pfeiffer and König.

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