

VALIDATION LIST NO. 75

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

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 IJSEM 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. 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>Burkholderia stabilis</i>	sp. nov.	Vandamme <i>et al.</i> (13)	2	LMG 14294 (= NCTC 13011)
<i>Burkholderia ubonensis</i> corrig. (<i>Burkholderia uboniae</i> [sic])‡	sp. nov.	Yabuuchi <i>et al.</i> (14)	6	Strain EY 3383 (= NCTC 13147)
<i>Desulfobacula</i>	gen. nov.	Rabus <i>et al.</i> (10)	1	<i>Desulfobacula toluolica</i>
<i>Desulfobacula toluolica</i>	sp. nov.	Rabus <i>et al.</i> (10)	1	Strain Tol2 (= DSM 7467)
<i>Desulfonema ishimotonii</i> corrig. (<i>Desulfonema ishimotoi</i> [sic])‡	sp. nov.	Fukui <i>et al.</i> (5)	1	Strain Tokyo 01 (= DSM 9680)
<i>Desulfotomaculum auripigmentum</i>	sp. nov.	Newman <i>et al.</i> (9)	4	Strain OREX-4 (= ATCC 700205)
<i>Desulfovibrio indonesiensis</i> corrig. (<i>Desulfovibrio indonensis</i> [sic])‡	sp. nov.	Feio <i>et al.</i> (3)	6	Strain Ind 1 (= NCIMB 13468)
<i>Finegoldia</i>	gen. nov.	Murdoch and Shah (7)	8	<i>Finegoldia magna</i>
<i>Finegoldia magna</i> (basonym <i>Peptostreptococcus magnus</i>)	comb. nov.	Murdoch and Shah (7)	8	ATCC 15794 = NCTC 11804 = DSM 20470 = GIFU 7629
<i>Flexistipes</i>	gen. nov.	Fiala <i>et al.</i> (4)	3	<i>Flexistipes sinusarabici</i>
<i>Flexistipes sinusarabici</i>	sp. nov.	Fiala <i>et al.</i> (4)	3	Strain MAS 10 (= DSM 4947)
<i>Geovibrio</i>	gen. nov.	Caccavo <i>et al.</i> (1)	6	<i>Geovibrio ferrireducens</i>
<i>Geovibrio ferrireducens</i>	sp. nov.	Caccavo <i>et al.</i> (1)	6	Strain PAL-1 (= ATCC 51996)
<i>Halomonas magadiensis</i> corrig. (<i>Halomonas magadii</i> [sic])‡	sp. nov.	Duckworth <i>et al.</i> (2)§	7	Strain 21 MI (= NCIMB 13595)
<i>Leifsonia cynodontis</i> (basonym <i>Clavibacter xyli</i> subsp. <i>cynodontis</i>)	comb. nov.	Suzuki <i>et al.</i> (12)	9	JCM 9733 (= ATCC 33973 = ICMP 8790)
<i>Leifsonia naganoensis</i>	sp. nov.	Suzuki <i>et al.</i> (12)	9	Strain DB103 (= JCM 10592)
<i>Leifsonia shinshuensis</i>	sp. nov.	Suzuki <i>et al.</i> (12)	9	Strain DB 102 (= JCM 10591)
<i>Micromonas</i>	gen. nov.	Murdoch and Shah (7)	8	<i>Micromonas micros</i>
<i>Micromonas micros</i> (basonym <i>Peptostreptococcus micros</i>)	comb. nov.	Murdoch and Shah (7)	8	ATCC 33270 = NCTC 11808 = DSM 20468 = GIFU 7824
<i>Roseinatronobacter</i>	gen. nov.	Sorokin <i>et al.</i> (11)	10	<i>Roseinatronobacter thiooxidans</i>
<i>Roseinatronobacter thiooxidans</i>	sp. nov.	Sorokin <i>et al.</i> (11)	10	Strain ALG 1 (= DSM 13087)
<i>Solobacterium</i>	gen. nov.	Kageyama and Benno (6)	6	<i>Solobacterium moorei</i>
<i>Solobacterium moorei</i>	sp. nov.	Kageyama and Benno (6)	6	Strain RCA59-74 (= JCM 10645)
<i>Sphingomonas roseiflava</i> corrig. (<i>Sphingomonas roseoflava</i> [sic])‡	sp. nov.	Yun <i>et al.</i> (15)	11	Strain MK341 (= IAM 14823)

(cont.)

Name	Proposed as:	Author(s) (reference)	Priority*	Nomenclatural type†
<i>Yersinia enterocolitica</i> subsp. <i>enterocolitica</i>	Rule 46¶			
<i>Yersinia enterocolitica</i> subsp. <i>palaearctica</i>	subsp. nov.	Neubauer <i>et al.</i> (8)	5	Strain Y11 (= DSM 13030)

For references to Validation Lists 1–71, see *Int J Syst Bacteriol* **49** (1999) 1325. Lists 72–74 were published in *Int J Syst Evol Microbiol* **50** (2000) 3, 423, 949.

* 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; GIFU, Department of Microbiology, Gifu University, Gifu, Japan; IAM, Institute of Molecular and Cellular Biosciences, University of Tokyo, Tokyo, Japan; ICMP, International Collection of Microorganisms from Plants, Auckland, New Zealand; JCM, Japan Collection of Microorganisms, RIKEN, Saitama, Japan; LMG, LMG Culture Collection, Universiteit Gent, Gent, Belgium; NCIMB, National Collection of Industrial and Marine Bacteria, Aberdeen, UK; 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 Duckworth, Grant, Jones, Márquez and Ventosa *in* Duckworth, Grant, Jones, Meijer, Márquez and Ventosa.

|| *Leifsonia* gen. nov. and *Leifsonia aquatica* comb. nov., nom. rev. proposed by Evtushenko *et al.* (*Int J Syst Evol Microbiol* **50**, 377) have priority over the corresponding proposals of Suzuki *et al.* and are not shown in the list. The statement that *Clavibacter xyli* subsp. *xyli* automatically lost the taxonomic status because of unavailable type material is not sustained by the Bacteriological Code; the matter should be referred to the Judicial Commission.

¶ According to Rule 46 of the International Code of Nomenclature of Bacteria, the valid publication of *Yersinia enterocolitica* subsp. *palaearctica* automatically creates another subspecies, *Yersinia enterocolitica* subsp. *enterocolitica* (Schleifstein and Coleman 1939) Frederiksen 1964.

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