

Validation of the Publication of New Names and New Combinations Previously Effectively Published Outside the IJSB

List No. 49†

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 (c/o ASM)** 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 ^a	Nomenclatural type ^b
<i>Corynebacterium propinquum</i>	New species	Riegel et al. (6)	2	Strain B 77159 (= CIP 103792)
<i>Dolosigranulum</i>	New genus	Aguirre et al. (1)	4	<i>Dolosigranulum pigrum</i>
<i>Dolosigranulum pigrum</i>	New species	Aguirre et al. (1)	4	Strain R91/1468 (= NCFB 2975)
<i>Desulfobacterium ceticum</i>	New species	Galushko and Rozanova (4)	3	Strain 480 (= VKM B-1975 = DSM 7267)
<i>Desulfomicrobium</i>	New genus	Rozanova et al. (7)	3	<i>Desulfomicrobium baculatus</i>
<i>Desulfomicrobium apsheronum</i>	New species	Rozanova et al. (7)	3	Strain 1105 (= VKM B-1804 = DSM 5918)
<i>Desulfomicrobium baculatus</i> (basonym <i>Desulfovibrio baculatus</i>)	New combination	Rozanova et al. (7)	3	Strain x (= VKM B-1378 = DSM 4028)
<i>Helicobacter canis</i>	New species	Stanley et al. (8)	2	NCTC 12739 = ATCC 51401
<i>Rarobacter incanus</i>	New species	Yamamoto et al. (9)	6	Strain YLM-32 (= JCM 6350)
<i>Tetragenococcus</i>	New genus	Collins et al. (3)	1	<i>Tetragenococcus halophilus</i>
<i>Tetragenococcus halophila</i> (basonym <i>Pediococcus halophilus</i>)	New combination	Collins et al. (3)	1	ATCC 33315 = NCDO 1635 = DSM 20339
<i>Thermoanaerobium acetigenum</i>	New species	Nielsen et al. (5)	5	Strain X6B (= DSM 7040)
<i>Weissella</i>	New genus	Collins et al. (2)	4	<i>Weissella viridescens</i>
<i>Weissella confusa</i> (basonym <i>Lactobacillus confusa</i>)	New combination	Collins et al. (2)	4	ATCC 10881
<i>Weissella halotolerans</i> (basonym <i>Lactobacillus halotolerans</i>)	New combination	Collins et al. (2)	4	ATCC 35410 = DSM 20190
<i>Weissella hellenica</i>	New species	Collins et al. (2)	4	Strain LV346 (= NCFB 2973)
<i>Weissella kandleri</i> (basonym <i>Lactobacillus kandleri</i>)	New combination	Collins et al. (2)	4	DSM 20593 = ATCC 51149
<i>Weissella minor</i> (basonym <i>Lactobacillus minor</i>)	New combination	Collins et al. (2)	4	ATCC 35412 = DSM 20014
<i>Weissella paramesenteroides</i> (basonym <i>Leuconostoc paramesenteroides</i>)	New combination	Collins et al. (2)	4	ATCC 33313 = NCDO 803 = DSM 20288
<i>Weissella viridescens</i> (basonym <i>Lactobacillus viridescens</i>)	New combination	Collins et al. (2)	4	ATCC 12706 = DSM 20410 = NCDO 1655

† Lists 1 through 48 were published in the Int. J. Syst. Bacteriol. 27:306, 1977; 29:79, 436, 1979; 30:601, 676, 1980; 31:215, 382, 1981; 32:266, 384, 1982; 33:438, 672, 896, 1983; 34:91, 270, 355, 503, 1984; 35:223, 375, 535, 1985; 36:354, 489, 573, 1986; 37:179, 1987; 38:136, 220, 328, 449, 1988; 39:93, 205, 371, 495, 1989; 40:105, 212, 320, 470, 1990; 41:178, 331, 456, 580, 1991; 42:191, 327, 511, 656, 1992; 43:188, 398, 624, 864, 1993; and 44:182, 1994.

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

^b Abbreviations: ATCC, American Type Culture Collection, Rockville, Md.; CIP, Collection of the Institut Pasteur, Paris, France; DSM, Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH, Braunschweig, Federal Republic of Germany; JCM, Japan Collection of Microorganisms, Riken, Saitama, Japan; NCDO (National Collection of Dairy Organisms), AFRC Institute of Food Research, National Collection of Food Bacteria, Shinfield, Reading, Berkshire, United Kingdom; NCFB, National Collection of Food Bacteria, AFRC Institute of Food Research, Reading, Berkshire, United Kingdom; NCTC, National Collection of Type Cultures, London, United Kingdom; VKM, All-Union Collection of Microorganisms, Russian Academy of Sciences, Institute of Biochemistry and Physiology of Microorganisms, Moscow Region, Russia.

REFERENCES

1. **Aguirre, M., D. Morrison, B. D. Cookson, F. W. Gay, and M. D. Collins.** 1993. Phenotypic and phylogenetic characterization of some *Gemella*-like organisms from human infections: description of *Dolosigranulum pigrum* gen. nov., sp. nov. *J. Appl. Bacteriol.* **75**:608–612.
2. **Collins, M. D., J. Samelis, J. Metaxopoulos, and S. Wallbanks.** 1993. Taxonomic studies on some *Leuconostoc*-like organisms from fermented sausages: description of a new genus *Weissella* for the *Leuconostoc paramesenteroides* group of species. *J. Appl. Bacteriol.* **75**:595–603.
3. **Collins, M. D., A. M. Williams, and S. Wallbanks.** 1990. The phylogeny of *Aerococcus* and *Pediococcus* as determined by 16S rRNA sequence analysis: description of *Tetragenococcus* gen. nov. *FEMS Microbiol. Lett.* **70**:255–262.
4. **Galushko, A. S., and E. P. Rozanova.** 1991. *Desulfobacterium cetonicum* sp. nov.: a sulfate-reducing bacterium which oxidizes fatty acids and ketones. *Mikrobiologiya* **60**:102–107.
5. **Nielsen, P., I. M. Mathrani, and B. K. Ahring.** 1993. *Thermoanaerobium acetigenum* spec. nov., a new anaerobic, extremely thermophilic, xylanolytic non-spore forming bacterium isolated from an Icelandic hot spring. *Arch. Microbiol.* **159**:460–464.
6. **Riegel, P., D. de Briel, G. Prevost, F. Jehl, and H. Monteil.** 1993. Proposal of *Corynebacterium propinquum* sp. nov. for *Corynebacterium* group ANF-3 strains. *FEMS Microbiol. Lett.* **113**:229–234.
7. **Rozanova, E. P., T. N. Nazina, and A. S. Galushko.** 1988. Isolation of a new genus of sulfate-reducing bacteria and description of a new species of this genus, *Desulfomicrobium apsheronum* gen. nov., sp. nov. *Mikrobiologiya* **57**:634–641.
8. **Stanley, J., D. Linton, A. P. Burnens, F. E. Dewhirst, R. J. Owens, A. Porter, S. L. W. On, and M. Costas.** 1993. *Helicobacter canis* sp. nov., a new species from dogs: an integrated study of phenotype and genotype. *J. Gen. Microbiol.* **139**:2495–2504.
9. **Yamamoto, N., S. Sato, H. Miki, Y. K. Park, and M. Tadenuma.** 1993. Taxonomic studies on yeast-lysing bacteria, and a new species *Rarobacter incanus*. *J. Gen. Appl. Microbiol.* **39**:261–272.