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

List No. 54†

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]
Actinomyces radingae	New species	Wust et al. (13)	3	Strain APL1 (= DSM 9169 = CCUG 32394)
Actinomyces turicensis	New species	Wust et al. (13)	3	Strain APL10 (= DSM 9168 = CCUG 32401)
Bordetella holmesii	New species	Weyant et al. (12)	2	Strain CDC F5101 (= ATCC 51541)
Clostridium viride	New species	Buckel et al. (1)	4	Strain T2-7 (= DSM 6836 = ATCC 43977)
Corynebacterium ulcerans	Revived name	Riegel et al. (10)	2	CCUG 2708 (= NCTC 7910 = ATCC 51799)
Geobacter	New genus	Lovley et al. (7)	6	*Geobacter metallireducens*
Geobacter metallireducens	New species	Lovley et al. (7)	6	Strain GS-15 (= ATCC 53774 = DSM 7210)
Geobacter sulfurreducens	New species	Caccavo et al. (2)	6	Strain PCA (= ATCC 51573)
Isosphaera	New genus	Giovannoni et al. (4)	4	*Isosphaera pallida*
Isosphaera pallida (basonym: "*Isocystis pallida*")	New combination	Giovannoni et al. (4)	4	Strain IS1B (= ATCC 43644)
Nitrosospira multiformis (basonym: *Nitrosolobus multiformis*)	New combination	Head et al. (6)	2	Strain C-71 (= ATCC 25196)
Nitrosospira tenuis (basonym: "*Nitrosovibrio tenius*")	New combination	Head et al. (6)	2	Strain Nv-1
Sanguibacter	New genus	Fernandez-Garayzabal et al. (3)	4	*Sanguibacter keddieii*
Sanguibacter keddieii	New species	Fernandez-Garayzabal et al. (3)	4	Strain ST-74 (= NCFB 3025 = CECT 4540 = ATCC 51767)
Sanguibacter suarezii	New species	Fernandez-Garayzabal et al. (3)	4	Strain ST-26 (= NCFB 3023 = CECT 4539 = ATCC 51766)
Streptococcus thermophilus (basonym: *Streptococcus salivarius* subsp. *thermophilus*)	Revived name	Schleifer et al. (11)	1	ATCC 19258 (= NCDO 573)
Thermus thermophilus	New combination	Manaia et al. (8)	5	Strain HB-8 (= ATCC 27634)
Thiobacillus caldus	New species	Hallberg and Lindstrom (5)	2	Strain KU (= DSM 8584 = ATCC 51756)
Xenorhabdus japonicus	New species	Nishimura et al. (9)	1	Strain SK-1 (= IAM 14265)

† Lists 1 through 53 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; **44**:182, 370, 595, 852, 1994; and **45**:197, 418, 1995.

[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.; CECT, Coleccion Española de Cultivos Tipo, Universidad de Valencia, Burjasot (Valencia), Spain; CCUG, Culture Collection, University of Göteborg, Göteborg, Sweden; DSM, Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH, Braunschweig, Germany; IAM, Institute of Molecular and Cellular Biosciences, University of Tokyo, Tokyo, Japan. NCDO (National Collection of Dairy Organisms), National Collection of Food Bacteria, Institute of Food Research, Reading, England; NCFB, National Collection of Food Bacteria, Institute of Food Research, Reading, England; NCIMB, National Collection of Industrial and Marine Bacteria, Ltd., Aberdeen, Scotland; NCTC, National Collection of Type Cultures, London, England.

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