

VALIDATION LIST NO. 82

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>Alcaligenes faecalis</i> subsp. <i>parafaecalis</i>	subsp. nov.	Schroll <i>et al.</i> (10)	3	Strain G (= DSM 13975 = CIP 106866)
<i>Desulfurococcus amylolyticus</i>	sp. nov.	Bonch-Osmolovskaya <i>et al.</i> (1)	4	Strain Z-533 (= DSM 3822 = JCM 9188)
<i>Enterobacter cowanii</i>	sp. nov.	Inoue <i>et al.</i> (6)	2	Strain 888-76 (= JCM 10956)
<i>Methylovorus mays</i>	sp. nov.	Doronina <i>et al.</i> (5)	5	Strain BV (= VKM B-2221)
<i>Nocardia cummidelens</i>	sp. nov.	Maldonado <i>et al.</i> (7)	1	Strain R89 (= DSM 44490 = NCIMB 13758)
<i>Nocardia fluminea</i>	sp. nov.	Maldonado <i>et al.</i> (7)	1	Strain S1 (= DSM 44489 = NCIMB 13759)
<i>Nocardia soli</i>	sp. nov.	Maldonado <i>et al.</i> (7)	1	Strain W30 (= DSM 44488 = NCIMB 13760)
<i>Paracoccus kondratievae</i>	sp. nov.	Doronina and Trotsenko (4)	5	Strain GB (= VKM B-2222)
<i>Psychrobacter proteolyticus</i>	sp. nov.	Denner <i>et al.</i> (3)	3	Strain 116 (= CIP 106830 = DSM 13887)
<i>Streptomyces asiaticus</i>	sp. nov.	Sembiring <i>et al.</i> (11)	1	Strain A14P1 (= DSM 41761 = NCIMB 13675)
<i>Streptomyces cangkringensis</i>	sp. nov.	Sembiring <i>et al.</i> (11)	1	Strain D13P3 (= DSM 41769 = NCIMB 13684)
<i>Streptomyces indonesiensis</i>	sp. nov.	Sembiring <i>et al.</i> (11)	1	Strain A4R2 (= DSM 41759 = NCIMB 13673)
<i>Streptomyces javensis</i>	sp. nov.	Sembiring <i>et al.</i> (11)	1	Strain B22P3 (= DSM 41764 = NCIMB 13679)
<i>Streptomyces rhizosphaericus</i> corrig. (<i>Streptomyces rhizosphaerius</i> [sic])‡	sp. nov.	Sembiring <i>et al.</i> (11)	1	Strain A10P1 (= DSM 41760 = NCIMB 13674)
<i>Streptomyces yogyakartensis</i>	sp. nov.	Sembiring <i>et al.</i> (11)	1	Strain C4R3 (= DSM 41766 = NCIMB 13681)
<i>Thermococcus litoralis</i>	sp. nov.	Neuner <i>et al.</i> (9)	4	Strain NS-C (= DSM 5473 = JCM 8560)
<i>Thermococcus sibiricus</i>	sp. nov.	Miroshnichenko <i>et al.</i> (8)	4	Strain MM 739 (= DSM 12597)
<i>Thermoproteus uzoniensis</i>	sp. nov.	Bonch-Osmolovskaya <i>et al.</i> (2)	4	Strain Z-605 (= DSM 5263)

For references to Validation Lists 1–71, see *Int J Syst Bacteriol* **49** (1999) 1325. Lists 72–80 were published in *Int J Syst Evol Microbiol* **50** (2000) 3, 423, 949, 1415, 1699, 1953 and **51** (2001) 1, 263, 793, 1229.

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

† Abbreviations: CIP, Collection of the Institute Pasteur, Paris, France; DSM, DSMZ – Deutsche Sammlung von Mikroorganismen

und Zellkulturen GmbH, Braunschweig, Germany; JCM, Japan Collection of Microorganisms, RIKEN, Saitama, Japan; NCIMB, National Collection of Industrial and Marine Bacteria, Aberdeen, UK; VKM, All-Union Collection of Microorganisms, Institute of Biochemistry and Physiology of Microorganisms, Russian Academy of Sciences, Pushchino, Moscow Region, Russia.

‡ Name has been corrected on validation.

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8. **Miroshnichenko, M. L., Hippe, H., Stackebrandt, E., Kostrikin, N. A., Chernyh, N. A., Jeanthon, C., Nazina, T. N., Belyaev, S. S. & Bonch-Osmolovskaya, E. A. (2001).** Isolation and characterization of *Thermococcus sibiricus* sp. nov. from a Western Siberia high-temperature oil reservoir. *Extremophiles* **5**, 85–91.
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