

## VALIDATION LIST NO. 80

### 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>Acetobacterium tundrae</i>	sp. nov.	Simankova <i>et al.</i> (12)	7	Strain Z-4493 (= DSM 9173)
<i>Actinoplanes capillaceus</i>	sp. nov.	Matsumoto <i>et al.</i> (9)	10	Strain K95-5561 (= JCM 10268 = IFO 16408)
<i>Actinoplanes friuliensis</i>	sp. nov.	Aretz <i>et al.</i> (1)	9	Strain HAG 010964 (= DSM 7358)‡
<i>Bacillus arseniciselenatis</i> corrig. ( <i>Bacillus arsenicoselenatis</i> [sic])§	sp. nov.	Switzer Blum <i>et al.</i> (13)	1	Strain E1H (= ATCC 700614)
<i>Bacillus selenitireducens</i>	sp. nov.	Switzer Blum <i>et al.</i> (13)	1	Strain MLS10 (= ATCC 700615)
<i>Desulfotobacterium chlororespirans</i>	sp. nov.	Sanford <i>et al.</i> (11)	5	Strain Co23 (= ATCC 700715)
<i>Hydrogenophaga intermedia</i>	sp. nov.	Contzen <i>et al.</i> (3)	3	Strain S1 (= DSM 5680)
<i>Propionispora</i>	gen. nov.	Biebl <i>et al.</i> (2)	1	<i>Propionispora vibrioides</i>
<i>Propionispora vibrioides</i>	sp. nov.	Biebl <i>et al.</i> (2)	1	Strain FKBS1 (= DSM 13305)
<i>Rhodobaca</i>	gen. nov.	Milford <i>et al.</i> (10)	2	<i>Rhodobaca bogoriensis</i>
<i>Rhodobaca bogoriensis</i>	sp. nov.	Milford <i>et al.</i> (10)	2	Strain LBB1 (= ATCC 700920)
<i>Rhodoferax antarcticus</i>	sp. nov.	Madigan <i>et al.</i> (8)	2	Strain ANT.BR (= ATCC 700587)
<i>Roseospirillum</i>	gen. nov.	Glaeser and Overmann (5)	8	<i>Roseospirillum parvum</i>
<i>Roseospirillum parvum</i>	sp. nov.	Glaeser and Overmann (5)	8	Strain 9301 (= DSM 12498)
<i>Syntrophus aciditrophicus</i>	sp. nov.	Jackson <i>et al.</i> (7)	1	Strain SB (= ATCC 700169)
<i>Thermococcus acidaminovorans</i>	sp. nov.	Dirmeier <i>et al.</i> (4)	4	Strain AEDII10 (= DSM 11906)
<i>Thermococcus waioatapuensis</i>	sp. nov.	González <i>et al.</i> (6)	6	Strain WT1 (= DSM 12768)

For references to Validation Lists 1–71, see *Int J Syst Bacteriol* **49** (1999) 1325. Lists 72–78 were published in *Int J Syst Evol Microbiol* **50** (2000) 3, 423, 949, 1415, 1699, 1953 and **51** (2001) 1, 263.

\* 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 GmbH, Braunschweig, Germany; IFO, Institute for Fermentation, Osaka, Japan; JCM, Japan Collection of Microorganisms, RIKEN, Saitama, Japan.

‡ Patent strain (EP 0 629 636, Hoechst AG, 1994). The strain can be obtained from the DSMZ for scientific research by a special agreement.

§ Name has been corrected on validation.

## References

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