

## VALIDATION LIST NO. 87

### 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>Anaerostipes</i>	gen. nov.	Schwartz <i>et al.</i> (11)	6	<i>Anaerostipes caccae</i>
<i>Anaerostipes caccae</i>	sp. nov.	Schwartz <i>et al.</i> (11)	6	Strain L1-92 (= DSM 14662 = NCIMB 13811)
<i>Azoarcus buckelii</i>	sp. nov.	Mechichi <i>et al.</i> (7)	11	Strain U120 (= DSM 14744)
<i>Burkholderia anthina</i>	sp. nov.	Vandamme <i>et al.</i> (13)	5	Strain W92B (= LMG 20980 = CCUG 46047)
<i>Desulfobulbus mediterraneus</i>	sp. nov.	Sass <i>et al.</i> (9)	1	Strain 86FS1 (= DSM 13871)
<i>Desulfotignum phosphitoxidans</i>	sp. nov.	Schink <i>et al.</i> (10)	9	Strain FiPS-3 (= DSM 13687 = OCM 818)
<i>Haliangium</i>	gen. nov.	Fudou <i>et al.</i> (4)	13	<i>Haliangium ochraceum</i>
<i>Haliangium ochraceum</i>	sp. nov.	Fudou <i>et al.</i> (4)	13	Strain SMP-2 (= AJ 13395 = JCM 11303 = DSM 14365)
<i>Haliangium tepidum</i>	sp. nov.	Fudou <i>et al.</i> (4)	13	Strain SMP-10 (= AJ 13914 = JCM 11304 = DSM 14436)
<i>Inquilinus</i>	gen. nov.	Coenye <i>et al.</i> (2)	7	<i>Inquilinus limosus</i>
<i>Inquilinus limosus</i>	sp. nov.	Coenye <i>et al.</i> (2)	7	Strain AU0476 (= LMG 20952 = CCUG 45653)
<i>Laribacter</i>	gen. nov.	Yuen <i>et al.</i> (15)	2	<i>Laribacter hongkongensis</i>
<i>Laribacter hongkongensis</i>	sp. nov.	Yuen <i>et al.</i> (15)	2	Strain HKU1 (= DSM 14985 = LMG 21516)‡
<i>Marinospirillum alkaliphilum</i>	sp. nov.	Zhang <i>et al.</i> (16)	12	Strain Z4 (= CGMCC AS 1.2746)
<i>Novosphingobium hassiacum</i>	sp. nov.	Kämpfer <i>et al.</i> (6)	6	Strain W-51 (= DSM 14552 = CIP 107176)
<i>Planococcus antarcticus</i>	sp. nov.	Reddy <i>et al.</i> (8)	10	Strain CMS 26or (= MTCC 3854 = DSM 14505)
<i>Planococcus psychrophilus</i>	sp. nov.	Reddy <i>et al.</i> (8)	10	Strain CMS 53or (= MTCC 3812 = DSM 14507)
<i>Pseudomonas brenneri</i>	sp. nov.	Baïda <i>et al.</i> (1)	4	Strain CFML 97-391 (= CIP 106646)
<i>Pseudomonas cedrina</i> corrig. ( <i>Pseudomonas cedrella</i> [sic])§	sp. nov.	Dabboussi <i>et al.</i> (3)	4	Strain CFML 96-198 (= CIP 105541)

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Name	Proposed as:	Author(s) (reference)	Priority*	Nomenclatural type†
<i>Pseudomonas orientalis</i>	sp. nov.	Dabboussi <i>et al.</i> (3)	4	Strain CFML 96-170 (= CIP 105540)
<i>Psychrobacter faecalis</i>	sp. nov.	Kämpfer <i>et al.</i> (5)	6	Strain Iso-46 (= DSM 14664 = CIP 107288)
<i>Streptococcus sinensis</i>	sp. nov.	Woo <i>et al.</i> (14)	2	Strain HKU4 (= DSM 14990 = LMG 21517)‡
<i>Sulfolobus tokodaii</i>	sp. nov.	Suzuki <i>et al.</i> (12)	3	Strain 7 (= JCM 10545)
<i>Thauera aminoaromatica</i>	sp. nov.	Mechichi <i>et al.</i> (7)	11	Strain S2 (= DSM 14742)
<i>Thauera phenylacetica</i>	sp. nov.	Mechichi <i>et al.</i> (7)	11	Strain B4P (= DSM 14743)

For references to Validation Lists 1–71, see *Int J Syst Bacteriol* **49** (1999) 1325. Lists 72–86 were published in *Int J Syst Evol Microbiol* **50** (2000) 3, 423, 949, 1415, 1699, 1953 and **51** (2001) 1, 263, 793, 1229, 1619, 1945 and **52** (2002) 3, 685, 1075.

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

† Abbreviations: AJ, Central Research Laboratories, Ajinomoto Co. Ltd., Japan; GMCC, China General Culture Collection Center, Institute of Microbiology, Chinese Academy of Sciences, Beijing, China; CIP, Collection of the Institute Pasteur, Paris, France; CCUG, Culture Collection, University of Göteborg, Göteborg, Sweden; DSM, DSMZ – Deutsche Sammlung von Mikroorganismen und Zellkulturen, Braunschweig, Germany; JCM, Japan Collection of Microorganisms, RIKEN, Saitama, Japan; LMG, LMG Culture Collection, Universiteit Gent, Gent, Belgium; MTCC, Microbial Type Culture Collection, Institute of Microbial Technology, Chandigarh, India; NCI MB, National Collection of Industrial and Marine Bacteria, Aberdeen, UK; OCM, Oregon Collection of Methanogens, Oregon Graduate Institute of Science & Technology, Beaverton, OR, USA.

‡ P. Woo, personal communication.

§ Name has been corrected on validation.

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