

VALIDATION LIST NO. 76

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>Arthrobacter albus</i>	sp. nov.	Wauters <i>et al.</i> (9)	2	Strain CF43 (= DSM 13068)
<i>Arthrobacter luteolus</i>	sp. nov.	Wauters <i>et al.</i> (9)	2	Strain CF25 (= DSM 13067)
<i>Desulfocapsa sulfexigens</i> corrig. (<i>Desulfocapsa sulfexigens</i> [sic])‡	sp. nov.	Finster <i>et al.</i> (2)	3	Strain SB164P1 (= DSM 10523)
<i>Desulforhopalus singaporensis</i>	sp. nov.	Lie <i>et al.</i> (5)	3	Strain S'pore T1 (= DSM 12130)
<i>Desulfovibrio oxycliniae</i>	sp. nov.	Krekeler <i>et al.</i> (4)	3	Strain P1B (= DSM 11498)
<i>Desulfuromonas palmitatis</i>	sp. nov.	Coates <i>et al.</i> (1)	4	Strain SDBY1 (= ATCC 51701 = DSMZ 12391)
<i>Eubacterium aggregans</i>	sp. nov.	Mechichi <i>et al.</i> (6)	4	Strain SR12 (= DSM 12183)
<i>Helicobacter mesocricetorum</i>	sp. nov.	Simmons <i>et al.</i> (7)	1	Strain MU 97-1514 (= ATCC 700932)
<i>Thermosiphon japonicus</i>	sp. nov.	Takai and Horikoshi (8)	5	Strain IHB1 (= JCM 10495)
<i>Thermotoga subterranea</i>	sp. nov.	Jeanthon <i>et al.</i> (3)	5	Strain SL1 (= DSM 9912)

For references to Validation Lists 1–71, see *Int J Syst Bacteriol* **49** (1999) 1325. Lists 72–75 were published in *Int J Syst Evol Microbiol* **50** (2000) 3, 423, 949, 1415.

* 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, Braunschweig, Germany; JCM, Japan Collection of Microorganisms, RIKEN, Saitama, Japan.

‡ Epithet has been corrected on validation according to Rule 61 of the Bacteriological Code.

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8. **Takai, K. & Horikoshi, K. (2000).** *Thermosipho japonicus* sp. nov., an extremely thermophilic bacterium isolated from a deep-sea hydrothermal vent in Japan, *Extremophiles* **4**, 9–17.
9. **Wauters, G., Charlier, J., Janssens, M. & Delmée, M. (2000).** Identification of *Arthrobacter oxydans*, *Arthrobacter luteolus* sp. nov., and *Arthrobacter albus* sp. nov., isolated from human clinical specimens, *J Clin Microbiol* **38**, 2412–2415.