

## VALIDATION LIST NO. 77

### 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>Ferribacterium</i>	gen. nov.	Cummings <i>et al.</i> (1)	3	<i>Ferribacterium limneticum</i>
<i>Ferribacterium limneticum</i>	sp. nov.	Cummings <i>et al.</i> (1)	3	Strain CdA-1 (= ATCC 700589)
<i>Friedmanniella lacustris</i>	sp. nov.	Lawson <i>et al.</i> (4)	1	Strain EL-17A (= DSM 11465)
<i>Methylopila helvetica</i>	sp. nov.	Doronina <i>et al.</i> (2)	1	Strain DM9 (= VKM B-2189)
<i>Methylobacterium dichloromethanicum</i>	sp. nov.	Doronina <i>et al.</i> (2)	1	Strain DM4 (= VKM B-2191 = DSM 6343)
<i>Nocardioides aquaticus</i>	sp. nov.	Lawson <i>et al.</i> (4)	1	Strain EL-17K (= DSM 11439 = NCFB 3076)
<i>Ralstonia oxalaticus</i> (basonym 'Pseudomonas oxalaticus')	nom. rev., comb. nov.	Şahin <i>et al.</i> (5)	1	Strain Ox1 (= ATCC 11883 = DSM 1105 = NCIMB 8642 = LMG 2235)
<i>Sphingomonadaceae</i>	fam. nov.	Kosako <i>et al.</i> (3)	2	<i>Sphingomonas</i>

For references to Validation Lists 1–71, see *Int J Syst Bacteriol* **49** (1999) 1325. Lists 72–76 were published in *Int J Syst Evol Microbiol* **50** (2000) 3, 423, 949, 1415, 1699.

\* 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; LMG, LMG Culture Collection, Universiteit Gent, Gent, Belgium; 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.

#### References

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- Doronina, N. V., Trotsenko, Y. A., Tourova, T. P., Kuznetsov, B. B. & Leisinger, T. (2000). *Methylopila helvetica* sp. nov. and *Methylobacterium dichloromethanicum* sp. nov. – novel aerobic facultatively methylotrophic bacteria utilizing dichloromethane. *Syst Appl Microbiol* **23**, 210–218.
- Kosako, Y., Yabuuchi, E., Naka, T., Fujiwara, N. & Kobayashi, K. (2000). Proposal of *Sphingomonadaceae* fam. nov., consisting of *Sphingomonas* Yabuuchi *et al.* 1990, *Erythrobacter* Shiba and Shimidu 1982, *Erythromicrobium* Yurkov *et al.* 1994, *Porphyrobacter* Fuerst *et al.* 1993, *Zymomonas* Kluyver and van Niel 1936, and *Sandaracinobacter* Yurkov *et al.* 1997, with the type genus *Sphingomonas* Yabuuchi *et al.* 1990. *Microbiol Immunol* **44**, 563–575.
- Lawson, P. A., Collins, M. D., Schumann, P., Tindall, B. J., Hirsch, P. & Labrenz, M. (2000). New LL-diaminopimelic acid-containing actinomycetes from hypersaline, heliothermal and meromictic antarctic Ekho Lake: *Nocardioides aquaticus* sp. nov. and *Friedmanniella lacustris* sp. nov. *Syst Appl Microbiol* **23**, 219–229.
- Şahin, N., Işık, K., Tamer, A. Ü. & Goodfellow, M. (2000). Taxonomic position of “*Pseudomonas oxalaticus*” strain Ox1<sup>T</sup> (DSM 1105<sup>T</sup>) (Khambata and Bhat, 1953) and its description in the genus *Ralstonia* as *Ralstonia oxalatica* comb. nov. *Syst Appl Microbiol* **23**, 206–209.