

## Notification List

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## Notification that new names and new combinations have appeared in volume 55, part 1, of the IJSEM

This listing of names published in a previous issue of the IJSEM is provided as a service to bacteriology to assist in the recognition of new names and new combinations. This procedure was proposed by the Judicial Commission [Minute 11 (ii), *Int J Syst Bacteriol* **41** (1991), p. 185]. The names given herein are listed according to the Rules of priority (i.e. page number and order of valid publication of names in the original articles). Taxonomic opinions included in this List (i.e. the creation of synonyms or the emendation of circumscriptions) cannot be considered as validly published nor, in any other way, approved by the International Committee on Systematics of Prokaryotes and its Judicial Commission.

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<i>Salmonella enterica</i> subsp. <i>arizonae</i> (Borman 1957) Le Minor and Popoff 1987 [basonym <i>Salmonella arizonae</i> (Borman 1957) Kauffmann 1964 (Approved Lists 1980)]	comb. nov.	519
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<i>Salmonella typhimurium</i> (Loeffler 1892) Castellani and Chalmers 1919 (Approved Lists 1980) synon. <i>Salmonella enterica</i> subsp. <i>enterica</i> (ex Kauffmann and Edwards 1952) Le Minor and Popoff 1987	synon.‡	523
<i>Salmonella choleraesuis</i> subsp. <i>choleraesuis</i> corrig. (Smith 1894) Weldin 1927 synon. <i>Salmonella enterica</i> subsp. <i>enterica</i> (ex Kauffmann and Edwards 1952) Le Minor and Popoff 1987	synon.‡	524
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<i>Thioalkalimicrobium</i> Sorokin <i>et al.</i> 2001	Deleted correction§	528
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<i>Thioalkalivibrio versutus</i> Sorokin <i>et al.</i> 2001	Deleted correction (generic name)§	528

\*Category not covered by the Rules of the Bacteriological Code (1990 Revision).

†The original spelling of the specific epithet, *rossii* (*sic*), has been corrected on notification with the authors' agreement.

‡Taxonomic opinion.

§The names *Thioalkalicoccus*, *Thioalkalicoccus limnaeus*, *Thioalkalimicrobium*, *Thioalkalimicrobium aerophilum*, *Thioalkalimicrobium cyclicum*, *Thioalkalivibrio*, *Thioalkalivibrio denitrificans*, *Thioalkalivibrio jannaschii*, *Thioalkalivibrio nitratis*, *Thioalkalivibrio paradoxus*, *Thioalkalivibrio thiocyanoxidans* and *Thioalkalivibrio versutus* were corrected to *Thialkalicoccus*, *Thialkalicoccus limnaeus*, *Thialkalimicrobium*, *Thialkalimicrobium aerophilum*, *Thialkalimicrobium cyclicum*, *Thialkalivibrio*, *Thialkalivibrio denitrificans*, *Thialkalivibrio jannaschii*, *Thialkalivibrio nitratis*, *Thialkalivibrio paradoxus*, *Thialkalivibrio thiocyanoxidans* and *Thialkalivibrio versutus*, respectively [Int J Syst Evol Microbiol 51 (2001), 267–268; Int J Syst Evol Microbiol 51 (2001), 795–796; Int J Syst Evol Microbiol 52 (2002), 691–692; Int J Syst Evol Microbiol 52 (2002), 1077–1079]. During the meeting of the Judicial Commission held during the Xth International (IUMS) Congress of Bacteriology and Applied Microbiology, H. G. Trüper proposed that the recommendations governing the use of the connecting vowel should be overruled by the usage in chemistry and physics. Consequently, in combined names that include terms used in chemistry or physics the connecting vowel shall not be dropped when the following component starts with a vowel and when this may cause ambiguity or uncertainty in meaning. The Judicial Commission unanimously agreed to this proposal and the original spellings *Thioalkalicoccus*, *Thioalkalimicrobium*, and *Thioalkalivibrio* must be used.

||*Thioalkalimicrobium sibericum* was corrected to *Thialkalimicrobium sibiricum* [Int J Syst Evol Microbiol 51 (2001), 795–796]. According to the Judicial Commission (see footnote §), the original spelling of the generic name must be used. However, the correction of the specific epithet is maintained, and the name should be cited as *Thioalkalimicrobium sibiricum* corrig. Sorokin *et al.* 2001.

¶In 2003, Sorokin *et al.* validly published the name *Thialkalivibrio nitratreducens*. According to the Judicial Commission (see footnote §), *Thialkalivibrio nitratreducens* must be corrected to *Thioalkalivibrio nitratreducens*.