

## List of Changes in Taxonomic Opinion no. 1

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## Notification of changes in taxonomic opinion previously published outside the IJSEM

The Bacteriological Code deals with the nomenclature of prokaryotes. This may include existing names (the Approved Lists of Bacterial Names) as well as new names and new combinations. In this sense the Code is also dealing indirectly with taxonomic opinions. However, as with most codes of nomenclature there are no mechanisms for formally recording taxonomic opinions that do not involve the creation of new names or new combinations. In particular, it would be desirable for taxonomic opinions resulting from the creation of synonyms or emended descriptions to be made widely available to the public. In 2004, the Editorial Board of the *International Journal of Systematic and Evolutionary Microbiology* (IJSEM) agreed unanimously that it was desirable to cover such changes in taxonomic opinions (i.e. the creation of synonyms or the emendation of circumscriptions) previously published outside the IJSEM, and to introduce a List of Changes in Taxonomic Opinion [Notification of changes in taxonomic opinion previously published outside the IJSEM; Euzéby *et al.* (2004). *Int J Syst Evol Microbiol* **54**, 1429–1430]. Scientists wishing to have changes in taxonomic opinion included in future lists should send one copy of the pertinent reprint or a photocopy or a PDF file thereof to the IJSEM Editorial Office or to the Lists Editor. It must be stressed that the date of proposed taxonomic changes is the date of the original publication not the date of publication of the list. **Taxonomic opinions included in the List of Changes in Taxonomic Opinion cannot be considered as validly published nor, in any other way, approved by the International Committee on Systematics of Prokaryotes and its Judicial Commission. The names that are to be used are those that are the ‘correct names’ (in the sense of Principle 6) in the opinion of the bacteriologist, with a given circumscription, position and rank. A particular name, circumscription, position and rank does not have to be adopted in all circumstances. Consequently, the List of Changes in Taxonomic Opinion must be considered as a service to bacteriology and it has no ‘official character’, other than providing a centralized point for registering/indexing such changes in a way that makes them easily accessible to the scientific community.**

Name/author(s):	Proposed as:	Reference
<i>Arthrobacter cumminsii</i> Funke <i>et al.</i> 1997 emend. Funke <i>et al.</i> 1998	emend.	4
<i>Bacillus coagulans</i> Hammer 1915 (Approved Lists 1980) emend. De Clerck <i>et al.</i> 2004	emend.	3
<i>Burkholderia pyrrocinia</i> (Imanaka <i>et al.</i> 1965) Vandamme <i>et al.</i> 1997 emend. Storms <i>et al.</i> 2004	emend.	9
<i>Clostridium bifermentans</i> (Weinberg and Séguin 1918) Bergey <i>et al.</i> 1923 (Approved Lists 1980) emend. Chamkha <i>et al.</i> 2001	emend.	1
<i>Corynebacterium aurimucosum</i> Yassin <i>et al.</i> 2002 emend. Daneshvar <i>et al.</i> 2004	emend.	2
<i>Corynebacterium nigricans</i> Shukla <i>et al.</i> 2004 pro synonym. <i>Corynebacterium aurimucosum</i> Yassin <i>et al.</i> 2002	synon.	2
<i>Falcivibrio grandis</i> Hammann <i>et al.</i> 1984 pro synonym. <i>Mobiluncus mulieris</i> Spiegel and Roberts 1984*	synon.	5
<i>Falcivibrio vaginalis</i> Hammann <i>et al.</i> 1984 pro synonym. <i>Mobiluncus curtisii</i> Spiegel and Roberts 1984	synon.	5
<i>Massilia timonae</i> La Scola <i>et al.</i> 2000 emend. Lindquist <i>et al.</i> 2003	emend.	8
<i>Methanogenium thermophilicum</i> Rivard and Smith 1982 emend. Zabel <i>et al.</i> 1985	emend.	10
<i>Mobiluncus</i> Spiegel and Roberts 1984 emend. Hoyles <i>et al.</i> 2004	emend.	5
<i>Mobiluncus curtisii</i> Spiegel and Roberts 1984 emend. Hoyles <i>et al.</i> 2004†	emend.	5
<i>Mobiluncus mulieris</i> Spiegel and Roberts 1984 emend. Hoyles <i>et al.</i> 2004	emend.	5
<i>Rothia dentocariosa</i> (Onishi 1949) Georg and Brown 1967 (Approved Lists 1980) emend. Daneshvar <i>et al.</i> 2004	emend.	2
<i>Staphylococcus caprae</i> Devriese <i>et al.</i> 1983 emend. Kawamura <i>et al.</i> 1998	emend.	6
<i>Streptomyces arabicus</i> Shibata <i>et al.</i> 1957 (Approved Lists 1980) pro synonym. <i>Streptomyces vinaceus</i> Jones 1952 (Approved Lists 1980)	synon.	7

cont.

Name/author(s):	Proposed as:	Reference
<i>Streptomyces cinereorectus</i> Terekhova and Preobrazhenskaya 1986 emend. Lanoot <i>et al.</i> 2004	emend.	7
<i>Streptomyces cochleatus</i> Nakagaito <i>et al.</i> 1993 pro synonym. <i>Streptomyces cinereorectus</i> Terekhova and Preobrazhenskaya 1986	synon.	7
<i>Streptomyces colombiensis</i> Pridham <i>et al.</i> 1958 (Approved Lists 1980) emend. Lanoot <i>et al.</i> 2004	emend.	7
<i>Streptomyces distallicus</i> (Locci <i>et al.</i> 1969) Witt and Stackebrandt 1991 pro synonym. <i>Streptomyces colombiensis</i> Pridham <i>et al.</i> 1958 (Approved Lists 1980)	synon.	7
<i>Streptomyces filamentosus</i> Okami and Umezawa 1953 (Approved Lists 1980) emend. Lanoot <i>et al.</i> 2004	emend.	7
<i>Streptomyces fradiae</i> (Waksman and Curtis 1916) Waksman and Henrici 1948 (Approved Lists 1980) emend. Lanoot <i>et al.</i> 2004	emend.	7
<i>Streptomyces phaeopurpureus</i> Shinobu 1957 (Approved Lists 1980) emend. Lanoot <i>et al.</i> 2004	emend.	7
<i>Streptomyces phaeoviridis</i> Shinobu 1957 (Approved Lists 1980) pro synonym. <i>Streptomyces phaeopurpureus</i> Shinobu 1957 (Approved Lists 1980)	synon.	7
<i>Streptomyces roseodiataticus</i> (Duché 1934) Waksman 1953 (Approved Lists 1980) pro synonym. <i>Streptomyces tricolor</i> (Wollenweber 1920) Waksman 1961 (Approved Lists 1980)	synon.	7
<i>Streptomyces roseoflavus</i> Arai 1951 (Approved Lists 1980) pro synonym. <i>Streptomyces fradiae</i> (Waksman and Curtis 1916) Waksman and Henrici 1948 (Approved Lists 1980)	synon.	7
<i>Streptomyces roseosporus</i> Falcão de Moraes and Dália Maia 1961 (Approved Lists 1980) pro synonym. <i>Streptomyces filamentosus</i> Okami and Umezawa 1953 (Approved Lists 1980)	synon.	7
<i>Streptomyces tricolor</i> (Wollenweber 1920) Waksman 1961 (Approved Lists 1980) emend. Lanoot <i>et al.</i> 2004	emend.	7
<i>Streptomyces vinaceus</i> Jones 1952 (Approved Lists 1980) emend. Lanoot <i>et al.</i> 2004	emend.	7

\*Hoyles *et al.* (2004) propose that *Falcivibrio grandis* Hammann *et al.* 1984 (the type species of the genus *Falcivibrio* Hammann *et al.* 1984) is a later heterotypic synonym of *Mobiluncus mulieris* Spiegel and Roberts 1984. According to Rule 37a, bacteriologists adhering to this proposal must change the name *Falcivibrio* Hammann *et al.* 1984 to *Mobiluncus* Spiegel and Roberts 1984.

†Hoyles *et al.* (2004) propose to abandon the subspecies division (*Mobiluncus curtisii* subsp. *curtisii* Spiegel and Roberts 1984, and *Mobiluncus curtisii* subsp. *holmesii* Spiegel and Roberts 1984) within *Mobiluncus curtisii* Spiegel and Roberts 1984.

## References

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