

## Validation List no. 92

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# 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 in the *Bacteriological Code* (1990 Revision). Authors and other individuals wishing to have new names and/or combinations included in future lists should send **three copies of the pertinent reprint or photocopies thereof to the IJSEM Editorial Office** for confirmation that all of the other requirements for valid publication have been met. **It is also a requirement of IJSEM and the ICSP that authors of new species, new subspecies and new combinations provide evidence that types are deposited in two recognized culture collections in two different countries** (i.e. documents certifying deposition and availability of type strains). 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/author(s)	Proposed as:	Nomenclatural type*	Priority†	Reference
<i>Amycolatopsis balhimycina</i> Wink <i>et al.</i> 2003	sp. nov.	Strain FH 1894 (=DSM 44591 =NRRL B-24207)	5	14
<i>Amycolatopsis keratiniphila</i> subsp. <i>keratiniphila</i> Al-Musallam <i>et al.</i> 2003	subsp. nov.	Strain DSM 44409 (=NRRL B-24117)	5	14
<i>Amycolatopsis keratiniphila</i> subsp. <i>nogabecina</i> Wink <i>et al.</i> 2003	subsp. nov.	Strain FH 1893 (=DSM 44586 =NRRL B-24206)	5	14
<i>Amycolatopsis tolypomycina</i> Wink <i>et al.</i> 2003	sp. nov.	Strain NBRC 14664, previously IFO 14664 (=DSM 44544=ATCC 21177 =NRRL B-24205)	5	14
<i>Amycolatopsis vancoresmycina</i> Wink <i>et al.</i> 2003	sp. nov.	Strain ST 101170 (=DSM 44592 =NRRL B-24208)	5	14
<i>Burkholderia cenocepacia</i> Vandamme <i>et al.</i> 2003	sp. nov.	Strain LMG 16656 (=NCTC 13227 =ATCC BAA-245=CCM 4899)	2	12
<i>Clostridium bolteae</i> Song <i>et al.</i> 2003	sp. nov.	Strain WAL 16351 (=ATCC BAA-613 =CCUG 46953)	6	10
<i>Croceibacter</i> Cho and Giovannoni 2003	gen. nov.	<i>Croceibacter atlanticus</i> Cho and Giovannoni 2003	11	2
<i>Croceibacter atlanticus</i> Cho and Giovannoni 2003	sp. nov.	Strain HTCC2559 (=ATCC BAA-628 =KCTC 12090)	11	2
<i>Devosia neptuniae</i> Rivas <i>et al.</i> 2003‡	sp. nov.	Strain J1 (=LMG 21357=CECT 5650)	14	8

cont.

Name/author(s)	Proposed as:	Nomenclatural type*	Priority†	Reference
<i>Diaphorobacter</i> Khan and Hiraishi 2003	gen. nov.	<i>Diaphorobacter nitroreducens</i> Khan and Hiraishi 2003	4	5
<i>Diaphorobacter nitroreducens</i> Khan and Hiraishi 2003	sp. nov.	Strain NA10B (=JCM 11421 =CIP 107294)	4	5
<i>Halosimplex</i> Vreeland <i>et al.</i> 2003§	gen. nov.	<i>Halosimplex carlsbadense</i> Vreeland <i>et al.</i> 2003	7	13
<i>Halosimplex carlsbadense</i> Vreeland <i>et al.</i> 2003	sp. nov.	Strain 2-9-1 (=ATCC BAA-75   =JCM 11222)	7	13
<i>Microbacterium paraoxydans</i> Laffineur <i>et al.</i> 2003	sp. nov.	Strain CF36 (=DSM 15019 =CCUG 46601)	13	6
<i>Muricoccus</i> Kämpfer <i>et al.</i> 2003	gen. nov.	<i>Muricoccus roseus</i> Kämpfer <i>et al.</i> 2003	10	4
<i>Muricoccus roseus</i> Kämpfer <i>et al.</i> 2003	sp. nov.	Strain 173/96 (=DSM 14916 =CIP 107419)	10	4
<i>Paracoccus yeei</i> corrig. Daneshvar <i>et al.</i> 2003¶ ( <i>Paracoccus yeeii</i> [sic])	sp. nov.	Strain CDC G1212 (=ATCC BAA-599 =CCUG 46822)	1	3
<i>Pseudorhodobacter</i> Uchino <i>et al.</i> 2003	gen. nov.	<i>Pseudorhodobacter ferrugineus</i> (Rüger and Höfle 1992) Uchino <i>et al.</i> 2003	3	11
<i>Pseudorhodobacter ferrugineus</i> (Rüger and Höfle 1992) Uchino <i>et al.</i> 2003 [basonym <i>Agrobacterium ferrugineum</i> (ex Ahrens and Rheinheimer 1967) Rüger and Höfle 1992]	comb. nov.	Strain IAM 12616 (=ATCC 25652)	3	11
<i>Sporotomaculum syntrophicum</i> Qiu <i>et al.</i> 2003	sp. nov.	Strain FB (=DSM 14795=JCM 11495#)	8	7
<i>Teichococcus</i> Kämpfer <i>et al.</i> 2003	gen. nov.	<i>Teichococcus ludipueritiae</i> Kämpfer <i>et al.</i> 2003	10	4
<i>Teichococcus ludipueritiae</i> Kämpfer <i>et al.</i> 2003	sp. nov.	Strain 170/96 (=DSM 14915 =CIP 107418)	10	4
<i>Thermomonas hydrothermalis</i> Alves <i>et al.</i> 2003	sp. nov.	Strain SGM-6 (=DSM 14834 =ATCC BAA-470)	12	1
<i>Tistrella</i> Shi <i>et al.</i> 2003	gen. nov.	<i>Tistrella mobilis</i> Shi <i>et al.</i> 2003	9	9
<i>Tistrella mobilis</i> Shi <i>et al.</i> 2003	sp. nov.	Strain IAM 14872 (=TISTR 1108)	9	9

For references to Validation Lists 1–71, see *Int J Syst Bacteriol* **49** (1999) 1325. Lists 72–91 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, 1437, 1915 and **53** (2003) 1, 373, 627.

\*Abbreviations: ATCC, American Type Culture Collection, Manassas, VA, USA; CCM, Czechoslovak Collection of Microorganisms, Masaryk University, Brno, Czech Republic; CCUG, Culture Collection, University of Göteborg, Göteborg, Sweden; CDC, Centers for Disease Control, Atlanta, GA, USA; CECT, Colección Española de Cultivos Tipo, Universidad de Valencia, Burjassot (Valencia), Spain; CIP, Collection of the Institut Pasteur, Paris, France; DSM, DSMZ – Deutsche Sammlung von Mikroorganismen und Zellkulturen, Braunschweig, Germany; IAM, Institute of Molecular and Cellular Biosciences, University of Tokyo, Tokyo, Japan; IFO, Institute for Fermentation, Osaka, Japan; JCM, Japan Collection of Microorganisms, RIKEN, Saitama, Japan; KCTC, Korean Collection for Type Cultures, Korea Research Institute of Bioscience & Biotechnology, Yusong, Taejeon, Republic of Korea; LMG, LMG Culture Collection, Universiteit Gent, Gent, Belgium; NBRC, NITE Biological Resource Center, National Institute of Technology and Evaluation, Kisarazu-shi, Japan; NCTC, National Collection of Type Cultures, London, UK; NRRL, Agricultural Research Service Culture Collection, National Center for Agricultural Utilization Research, US Department of Agriculture, Peoria, IL, USA; TISTR, Thailand Institute of Scientific and Technological Research, Bangkok, Thailand; WAL, Wadsworth Anaerobe Laboratory, Wadsworth Hospital Center, Los Angeles, CA, USA.

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

‡An emended description of the genus *Devosia* is also provided (i.e. *Devosia* Nakagawa *et al.* 1996 emend. Rivas *et al.* 2003).

§Authorship reads Vreeland, Rosenzweig, Straight, Krammes, Dougherty and Kamekura.

||In the description of *Halosimplex carlsbadense*, the type strain ATCC BAA-75 is erroneously cited as ATCC BAA 75.

¶Name has been corrected on validation.

#In the effective publication, the type strain JCM 11495 is erroneously cited as JCM 11475.

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