NOTIFICATION LIST

Notification that new names and new combinations have appeared in volume 50, part 2, 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 II(ii), *Int J Syst Bacteriol* **41** (1991), p. 185]. The names given herein have priority according to the page number of the IJSEM on which they were proposed.

Name	Proposed as:	Author(s)	Page no.
Vibrio viscosus	sp. nov.	Lunder *et al.*	447
Vibrio wodanis	sp. nov.	Lunder *et al.*	447
Alicyclobacillus hesperidum	sp. nov.	Albuquerque *et al.*	454
Hyphomonas	emend.	Weiner *et al.*	466
Hyphomonas adhaerens	sp. nov.	Weiner *et al.*	467
Hyphomonas johnsonii	sp. nov.	Weiner *et al.*	467
Hyphomonas rosenbergii	sp. nov.	Weiner *et al.*	467
Moritella viscosa (basonym *Vibrio viscosus*)	comb. nov.	Benediktsdóttir *et al.*	487
Palaeococcus	gen. nov.	Takai *et al.*	498
Palaeococcus ferrophilus	sp. nov.	Takai *et al.*	498
Leptospirillum	gen. nov., nom. rev.	Hippe	502
Leptospirillum ferrooxidans	sp. nov., nom. rev.	Hippe	502
Leptospirillum thermoferrooxidans	sp. nov.	Hippe	502
Streptomyces thermocoprophilus	sp. nov.	Kim *et al.*	506
Acidithiobacillus	gen. nov.	Kelly and Wood	513
Acidithiobacillus thiooxidans (basonym *Thiobacillus thiooxidans*)	comb. nov.	Kelly and Wood	513
Thiobacillus concretivorus pro synon., *Acidithiobacillus thiooxidans*	synon.	Kelly and Wood	513
Acidithiobacillus ferrooxidans (basonym *Thiobacillus ferrooxidans*)	comb. nov.	Kelly and Wood	513
Acidithiobacillus caldus (basonym *Thiobacillus caldus*)	comb. nov.	Kelly and Wood	514
Acidithiobacillus albertensis (basonym *Thiobacillus albertis*)	comb. nov., nom. corrig.	Kelly and Wood	514
Halothiobacillus	gen. nov.	Kelly and Wood	515
Halothiobacillus neapolitanus (basonym *Thiobacillus neapolitanus*)	comb. nov.	Kelly and Wood	515
Halothiobacillus halophilus (basonym *Thiobacillus halophilus*)	comb. nov.	Kelly and Wood	515
Halothiobacillus hydrothermalis (basonym *Thiobacillus hydrothermalis*)	comb. nov.	Kelly and Wood	515
Thermithiobacillus	gen. nov.	Kelly and Wood	515
Thermithiobacillus tepidarius (basonym *Thiobacillus tepidarius*)	comb. nov.	Kelly and Wood	515
Saccharococcus caldoxylosilyticus	sp. nov.	Ahmad *et al.*	522
Methanobacterium oryzae	sp. nov.	Joulian *et al.*	527
Marmoricola	gen. nov.	Urcì *et al.*	534
Marmoricola aurantiacus	sp. nov.	Urcì *et al.*	534
Thiobacillus denitrificans	nom. rev.*	Kelly and Wood	548
Thermohalobacter	gen. nov.	Cayol *et al.*	562
Thermohalobacter berrensis	sp. nov.	Cayol *et al.*	562
Pseudoalteromonas peptidolytica	sp. nov.	Venkateswaran and Dohmoto	572
Mycobacterium septicum	sp. nov.	Schinsky *et al.*	580
Ectothiorhodospira marismortui pro synon., *Ectothiorhodospira mobilis*	synon.	Ventura *et al.*	588
Ectothiorhodospira vacuoalata pro synon., *Ectothiorhodospira shaposhnikovii*	synon.	Ventura *et al.*	589

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Name	Proposed as:	Author(s)	Page no.
Ectothiorhodospira mobilis	emend.	Ventura *et al.*	589
Ectothiorhodospira shaposhnikovii	emend.	Ventura *et al.*	589
Tetrasphaera	gen. nov.	Maszenan *et al.*	601
Tetrasphaera japonica	sp. nov.	Maszenan *et al.*	601
Tetrasphaera australiensis	sp. nov.	Maszenan *et al.*	601
Salinivibrio costicola	emend.	Huang *et al.*	620
Salinivibrio costicola subsp. *costicola*	Rule 46†		
Salinivibrio costicola subsp. *vallismortis*	subsp. nov.	Huang *et al.*	621
Clostridium algidixylanolyticum	sp. nov.	Broda *et al.*	629
Denitrobacterium	gen. nov.	Anderson *et al.*	636
Denitrobacterium detoxificans	sp. nov.	Anderson *et al.*	637
Desulfovirga	gen. nov.	Tanaka *et al.*	643
Desulfovirga adipica	sp. nov.	Tanaka *et al.*	643
Pelospora	gen. nov.	Matthies *et al.*	647
Pelospora glutarica	sp. nov.	Matthies *et al.*	647
Azovibrio	gen. nov.	Reinhold-Hurek and Hurek	657
Azovibrio restrictus	sp. nov.	Reinhold-Hurek and Hurek	657
Azospira	gen. nov.	Reinhold-Hurek and Hurek	658
Azospira oryzae	sp. nov.	Reinhold-Hurek and Hurek	658
Azonexus	gen. nov.	Reinhold-Hurek and Hurek	658
Azonexus fungiphilus	sp. nov.	Reinhold-Hurek and Hurek	658
Cellulomonas humilata (basonym *Actinomyces humiferus*)	comb. nov., nom. corrig.	Collins and Pascual	662
Mogibacterium	gen. nov.	Nakazawa *et al.*	686
Mogibacterium pumilum	sp. nov.	Nakazawa *et al.*	686
Mogibacterium vescum	sp. nov.	Nakazawa *et al.*	686
Mogibacterium timidum (basonym *Eubacterium timidum*)	comb. nov.	Nakazawa *et al.*	686
Lactobacillus nagelii	sp. nov.	Edwards *et al.*	700
'*Candidatus* Nostocoida limicola'	*Candidatus*	Blackall *et al.*	708
Micrococcus antarcticus	sp. nov.	Liu *et al.*	718
Orenia salinaria	sp. nov.	Mouné *et al.*	728
Hymenobacter actinosclerus	sp. nov.	Collins *et al.*	733
Tepidimonas	gen. nov.	Moreira *et al.*	741
Tepidimonas ignava	sp. nov.	Moreira *et al.*	741
Burkholderia kururiensis	sp. nov.	Zhang *et al.*	747
Dyadobacter	gen. nov.	Chelius and Triplett	755
Dyadobacter fermentans	sp. nov.	Chelius and Triplett	756
Streptococcus didelphis	sp. nov.	Rurangirwa *et al.*	765
Syntrophothermus	gen. nov.	Sekiguchi *et al.*	778
Syntrophothermus lipocalidus	sp. nov.	Sekiguchi *et al.*	778
Nocardia paucivorans	sp. nov.	Yassin *et al.*	807
Asaia	gen. nov.	Yamada *et al.*	828
Asaia bogorensis	sp. nov.	Yamada *et al.*	828
Psychrobacter pacificensis	sp. nov.	Maruyama *et al.*	845
'*Candidatus* Xenohaliotis californensis'	*Candidatus*	Friedman *et al.*	853
Campylobacter lanienae	sp. nov.	Logan *et al.*	870
Clostridium akagii	sp. nov.	Kuhner *et al.*	879
Clostridium acidisoli	sp. nov.	Kuhner *et al.*	880
Pandoraea	gen. nov.	Coenye *et al.*	895

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Pandoraea apista	sp. nov.	Coenye *et al.*	896
Pandoraea norimbergensis (basonym *Burkholderia norimbergensis*)	comb. nov.	Coenye *et al.*	896
Pandoraea pulmonicola	sp. nov.	Coenye *et al.*	896
Pandoraea pnomenusa	sp. nov.	Coenye *et al.*	896
Pandoraea sputorum	sp. nov.	Coenye *et al.*	897
Idiomarina	gen. nov.	Ivanova *et al.*	906
Idiomarina abyssalis	sp. nov.	Ivanova *et al.*	906
Idiomarina zobellii	sp. nov.	Ivanova *et al.*	906

* The paper assesses the status of *T. denitrificans* based on NCIMB 9548 as the type strain. The type strain NCIB 8327 designated in the description as nom. rev. was an error; this culture does not exist.

† According to Rule 46 of the International Code of Nomenclature of Bacteria, the valid publication of *Salinivibrio costicola* subsp. *vallismortis* automatically creates another subspecies, *Salinivibrio costicola* subsp. *costicola* (Smith 1938) Mellado *et al.* 1996.