

## NOTIFICATION LIST

### Notification that new names and new combinations have appeared in volume 51, part 4, 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.
<i>Flavobacterium frigidarium</i>	sp. nov.	Humphry <i>et al.</i>	1242
<i>Alkaliphilus</i>	gen. nov.	Takai <i>et al.</i>	1254
<i>Alkaliphilus transvaalensis</i>	sp. nov.	Takai <i>et al.</i>	1254
<i>Bordetella petrii</i>	sp. nov.	von Wintzingerode <i>et al.</i>	1263
<i>Bordetella</i>	emend.	von Wintzingerode <i>et al.</i>	1263
<i>Microbacterium foliorum</i>	sp. nov.	Behrendt <i>et al.</i>	1273
<i>Microbacterium phyllosphaerae</i>	sp. nov.	Behrendt <i>et al.</i>	1273
<i>Microbacterium resistens</i> (basonym <i>Aureobacterium resistens</i> )	comb. nov.	Behrendt <i>et al.</i>	1275
<i>Streptococcus australis</i>	sp. nov.	Willcox <i>et al.</i>	1281
<i>Thalassomonas</i>	gen. nov.	Macián <i>et al.</i>	1287
<i>Thalassomonas viridans</i>	sp. nov.	Macián <i>et al.</i>	1288
<i>Samsonia</i>	gen. nov.	Sutra <i>et al.</i>	1301
<i>Samsonia erythrinae</i>	sp. nov.	Sutra <i>et al.</i>	1301
<i>Gluconacetobacter johanna</i>	sp. nov.	Fuentes-Ramírez <i>et al.</i>	1312
<i>Gluconacetobacter azotocaptans</i>	sp. nov.	Fuentes-Ramírez <i>et al.</i>	1312
<i>Actinomyces suimastitidis</i>	sp. nov.	Hoyles <i>et al.</i>	1326
<i>Thermosipho geolei</i>	sp. nov.	L'Haridon <i>et al.</i>	1332
<i>Thermoanaerobacter tengcongensis</i>	sp. nov.	Xue <i>et al.</i>	1340
<i>Corynebacterium testudinoris</i>	sp. nov.	Collins <i>et al.</i>	1351
<i>Corynebacterium felinum</i>	sp. nov.	Collins <i>et al.</i>	1351
<i>Propionibacterium microaerophilum</i>	sp. nov.	Koussémon <i>et al.</i>	1380
<i>Vibrio shilonii</i> corrig. ( <i>Vibrio shiloi</i> [sic])*	sp. nov.	Kushmaro <i>et al.</i>	1387
<i>Mycoplasma phocicerebrale</i>	nom. corrig. †	Heltander Königsson <i>et al.</i>	1390
<i>Mycoplasma phocae</i>	nom. corrig. †	Heltander Königsson <i>et al.</i>	1390
<i>Mycoplasma phocirhinis</i>	nom. corrig. †	Heltander Königsson <i>et al.</i>	1390
<i>Facklamia miroungae</i>	sp. nov.	Hoyles <i>et al.</i>	1403
<i>Sphingomonas</i>	emend.	Takeuchi <i>et al.</i>	1414
<i>Sphingobium</i>	gen. nov.	Takeuchi <i>et al.</i>	1415
<i>Sphingobium chlorophenicum</i> (basonym <i>Sphingomonas chlorophenolica</i> )	comb. nov.	Takeuchi <i>et al.</i>	1415
<i>Sphingobium herbicidovorans</i> (basonym <i>Sphingomonas herbicidovorans</i> )	comb. nov.	Takeuchi <i>et al.</i>	1415
<i>Sphingobium yanoikuyae</i> (basonym <i>Sphingomonas yanoikuyae</i> )	comb. nov.	Takeuchi <i>et al.</i>	1415
<i>Novosphingobium</i>	gen. nov.	Takeuchi <i>et al.</i>	1415
<i>Novosphingobium aromaticivorans</i> corrig. ( <i>Novosphingobium aromaticivorum</i> [sic])* (basonym <i>Sphingomonas aromaticivorans</i> )	comb. nov.	Takeuchi <i>et al.</i>	1415

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Name	Proposed as:	Author(s)	Page no.
<i>Novosphingobium capsulatum</i> (basonym <i>Sphingomonas capsulata</i> )	comb. nov.	Takeuchi <i>et al.</i>	1415
<i>Novosphingobium rosa</i> corrig. ( <i>Novosphingobium roseae</i> [sic])* (basonym <i>Sphingomonas rosa</i> )	comb. nov.	Takeuchi <i>et al.</i>	1415
<i>Novosphingobium stygium</i> corrig. ( <i>Novosphingobium stygiae</i> [sic])* (basonym <i>Sphingomonas stygia</i> )	comb. nov.	Takeuchi <i>et al.</i>	1415
<i>Novosphingobium subarcticum</i> (basonym <i>Sphingomonas subarctica</i> )	comb. nov.	Takeuchi <i>et al.</i>	1415
<i>Novosphingobium subterraneum</i> corrig. ( <i>Novosphingobium subterraneae</i> [sic])* (basonym <i>Sphingomonas subterranea</i> )	comb. nov.	Takeuchi <i>et al.</i>	1415
<i>Sphingopyxis</i>	gen. nov.	Takeuchi <i>et al.</i>	1415
<i>Sphingopyxis macrogoltabida</i> (basonym <i>Sphingomonas macrogoltabidus</i> )	comb. nov.	Takeuchi <i>et al.</i>	1416
<i>Sphingopyxis terrae</i> (basonym <i>Sphingomonas terrae</i> )	comb. nov.	Takeuchi <i>et al.</i>	1416
<i>Nocardia cyriaci-georgica</i> corrig. ( <i>Nocardia cyriaci-georgici</i> [sic])*	sp. nov.	Yassin <i>et al.</i>	1422
<i>Hydrogenobacter subterraneus</i>	sp. nov.	Takai <i>et al.</i>	1433
<i>Nonomuraea dietziae</i> corrig. ( <i>Nonomuraea dietzii</i> [sic])*	sp. nov.	Stackebrandt <i>et al.</i>	1439
<i>Chromohalobacter</i>	emend.	Arahal <i>et al.</i>	1446
<i>Chromohalobacter canadensis</i> (basonym <i>Halomonas canadensis</i> )	comb. nov.	Arahal <i>et al.</i>	1447
<i>Chromohalobacter israelensis</i> (basonym <i>Halomonas israelensis</i> )	comb. nov.	Arahal <i>et al.</i>	1447
<i>Vibrio lentus</i>	sp. nov.	Macián <i>et al.</i>	1454
<i>Chromohalobacter salexigens</i>	sp. nov.	Arahal <i>et al.</i>	1460
<i>Limnobacter</i>	gen. nov.	Spring <i>et al.</i>	1469
<i>Limnobacter thiooxidans</i>	sp. nov.	Spring <i>et al.</i>	1469
<i>Tropheryma</i>	gen. nov.	La Scola <i>et al.</i>	1478
<i>Tropheryma whipplei</i>	sp. nov.	La Scola <i>et al.</i>	1478
<i>Burkholderia ambifaria</i>	sp. nov.	Coenye <i>et al.</i>	1488
<i>Sphingomonas aquatilis</i>	sp. nov.	Lee <i>et al.</i>	1495
<i>Sphingomonas koreensis</i>	sp. nov.	Lee <i>et al.</i>	1496
<i>Sphingomonas taejonensis</i>	sp. nov.	Lee <i>et al.</i>	1497
<i>Pseudoalteromonas ulvae</i>	sp. nov.	Egan <i>et al.</i>	1503
<i>Pseudonocardia kongjuensis</i>	sp. nov.	Lee <i>et al.</i>	1509
<i>Planomicrobium koreense</i>	sp. nov.	Yoon <i>et al.</i>	1518
<i>Planomicrobium okeanokoites</i> (basonym <i>Planococcus okeanokoites</i> )	comb. nov.	Yoon <i>et al.</i>	1518
<i>Planomicrobium mcmeekinii</i> (basonym <i>Planococcus mcmeekinii</i> )	comb. nov.	Yoon <i>et al.</i>	1519
<i>Peptoniphilus</i>	gen. nov.	Ezaki <i>et al.</i>	1524
<i>Peptoniphilus asaccharolyticus</i> (basonym <i>Peptostreptococcus asaccharolyticus</i> )	comb. nov.	Ezaki <i>et al.</i>	1525
<i>Peptoniphilus indolicus</i> (basonym <i>Peptostreptococcus indolicus</i> )	comb. nov.	Ezaki <i>et al.</i>	1525
<i>Peptoniphilus lacrimalis</i> (basonym <i>Peptostreptococcus lacrimalis</i> )	comb. nov.	Ezaki <i>et al.</i>	1526

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Name	Proposed as:	Author(s)	Page no.
<i>Peptoniphilus harei</i> (basonym <i>Peptostreptococcus harei</i> )	comb. nov.	Ezaki <i>et al.</i>	1526
<i>Peptoniphilus ivorii</i> (basonym <i>Peptostreptococcus ivorii</i> )	comb. nov.	Ezaki <i>et al.</i>	1526
<i>Anaerococcus</i>	gen. nov.	Ezaki <i>et al.</i>	1526
<i>Anaerococcus prevotii</i> (basonym <i>Peptostreptococcus prevotii</i> )	comb. nov.	Ezaki <i>et al.</i>	1526
<i>Anaerococcus tetradius</i> (basonym <i>Peptostreptococcus tetradius</i> )	comb. nov.	Ezaki <i>et al.</i>	1526
<i>Anaerococcus hydrogenalis</i> (basonym <i>Peptostreptococcus hydrogenalis</i> )	comb. nov.	Ezaki <i>et al.</i>	1526
<i>Anaerococcus vaginalis</i> (basonym <i>Peptostreptococcus vaginalis</i> )	comb. nov.	Ezaki <i>et al.</i>	1527
<i>Anaerococcus lactolyticus</i> (basonym <i>Peptostreptococcus lactolyticus</i> )	comb. nov.	Ezaki <i>et al.</i>	1527
<i>Anaerococcus octavius</i> (basonym <i>Peptostreptococcus octavius</i> )	comb. nov.	Ezaki <i>et al.</i>	1527
<i>Gallicola</i>	gen. nov.	Ezaki <i>et al.</i>	1527
<i>Gallicola barnesae</i> (basonym <i>Peptostreptococcus barnesae</i> )	comb. nov.	Ezaki <i>et al.</i>	1527
<i>Peptostreptococcus</i>	emend.	Ezaki <i>et al.</i>	1527
<i>Agromyces luteolus</i>	sp. nov.	Takeuchi and Hatano	1535
<i>Agromyces rhizosphaerae</i>	sp. nov.	Takeuchi and Hatano	1536
<i>Agromyces brachium</i>	sp. nov.	Takeuchi and Hatano	1536
<i>Thermoanaerobacter yonseiensis</i>	sp. nov.	Kim <i>et al.</i>	1546
<i>Pseudomonas kilonensis</i>	sp. nov.	Sikorski <i>et al.</i>	1554
<i>Bartonella schoenbuchensis</i> corrig. ( <i>Bartonella schoenbuchii</i> [sic])*	sp. nov.	Dehio <i>et al.</i>	1563
<i>Enterococcus haemoperoxidus</i>	sp. nov.	Švec <i>et al.</i>	1571
<i>Enterococcus moraviensis</i>	sp. nov.	Švec <i>et al.</i>	1572
<i>Crossiella</i>	gen. nov.	Labeda	1578
<i>Crossiella cryophila</i> (basonym <i>Saccharothrix cryophilis</i> )	comb. nov.	Labeda	1579

\* Name has been corrected on notification.

† According to the new revision of Rule 61 of the Bacteriological Code proposed by the Judicial Commission (IJSEM 50, p. 2239) and accepted by the International Committee on Systematic Bacteriology (IJSEM 50, p. 2246), the correction of the names *Mycoplasma phocacerebrale*, *Mycoplasma phocidae* and *Mycoplasma phocarhinis* to *M. phocicerebrale*, *M. phocae* and *M. phocirhinis*, respectively, is illegitimate.