Notification List

# Notification that new names and new combinations have appeared in volume 52, part 5, 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. |
|---|---|---|---|
| *Plantibacter* | gen. nov. | Behrendt *et al.* | 1451 |
| *Plantibacter flavus* | sp. nov. | Behrendt *et al.* | 1451 |
| *Curtobacterium herbarum* | sp. nov. | Behrendt *et al.* | 1452 |
| *Subtercola pratensis* | sp. nov. | Behrendt *et al.* | 1452 |
| *Psychromonas marina* | sp. nov. | Kawasaki *et al.* | 1458 |
| *Clostridium thiosulfatireducens* | sp. nov. | Hernández-Eugenio *et al.* | 1466 |
| *Shuttleworthia* | gen. nov. | Downes *et al.* | 1473 |
| *Shuttleworthia satelles* | sp. nov. | Downes *et al.* | 1474 |
| *Sphingobium* pro synon., *Sphingomonas* | synon. | Yabuuchi *et al.* | 1489 |
| *Sphingobium chlorophenolicum* pro synon., *Sphingomonas chlorophenolica* | synon. | Yabuuchi *et al.* | 1489 |
| *Sphingobium herbicidovorans* pro synon., *Sphingomonas herbicidovorans* | synon. | Yabuuchi *et al.* | 1489 |
| *Sphingobium yanoikuyae* pro synon., *Sphingomonas yanoikuyae* | synon. | Yabuuchi *et al.* | 1489 |
| *Novosphingobium* pro synon., *Sphingomonas* | synon. | Yabuuchi *et al.* | 1489 |
| *Novosphingobium aromaticivorans* pro synon., *Sphingomonas aromaticivorans* | synon. | Yabuuchi *et al.* | 1489 |
| *Novosphingobium capsulatum* pro synon., *Sphingomonas capsulata* | synon. | Yabuuchi *et al.* | 1489 |
| *Novosphingobium rosa* pro synon., *Sphingomonas rosa* | synon. | Yabuuchi *et al.* | 1489 |
| *Novosphingobium stygium* pro synon., *Sphingomonas stygia* | synon. | Yabuuchi *et al.* | 1489 |
| *Novosphingobium subarcticum* pro synon., *Sphingomonas subarctica* | synon. | Yabuuchi *et al.* | 1489 |
| *Novosphingobium subterraneum* pro synon., *Sphingomonas subterranea* | synon. | Yabuuchi *et al.* | 1489 |
| *Sphingopyxis* pro synon., *Sphingomonas* | synon. | Yabuuchi *et al.* | 1489 |
| *Sphingopyxis macrogoltabida* pro synon., *Sphingomonas macrogoltabidus* | synon. | Yabuuchi *et al.* | 1489 |
| *Sphingopyxis terrae* pro synon., *Sphingomonas terrae* | synon. | Yabuuchi *et al.* | 1489 |
| *Blastomonas ursincola* pro synon., *Sphingomonas ursincola* | synon. | Yabuuchi *et al.* | 1489 |
| *Sphingomonas* | emend. | Yabuuchi *et al.* | 1489 |
| *Pseudomonas grimontii* | sp. nov. | Baïda *et al.* | 1502 |
| *Mycobacterium palustre* | sp. nov. | Torkko *et al.* | 1524 |
| *Psychromonas* | emend. | Nogi *et al.* | 1531 |
| *Psychromonas kaikoae* | sp. nov. | Nogi *et al.* | 1531 |
| *Aequorivita* | gen. nov. | Bowman and Nichols | 1538 |
| *Aequorivita antarctica* | sp. nov. | Bowman and Nichols | 1539 |
| *Aequorivita lipolytica* | sp. nov. | Bowman and Nichols | 1539 |
| *Aequorivita crocea* | sp. nov. | Bowman and Nichols | 1540 |
| *Aequorivita sublithincola* | sp. nov. | Bowman and Nichols | 1540 |
| '*Candidatus* Phytoplasma castaneae' | *Candidatus* | Jung *et al.* | 1548 |
| *Acetobacter cerevisiae* | sp. nov. | Cleenwerck *et al.* | 1557 |
| *Acetobacter malorum* | sp. nov. | Cleenwerck *et al.* | 1557 |

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| Name | Proposed as: | Author(s) | Page no. |
|---|---|---|---|
| *Pseudomonas indica* | sp. nov. | Pandey *et al.* | 1566 |
| *Actinobacillus equuli* subsp. *equuli* | Rule 40d | | |
| *Actinobacillus equuli* subsp. *haemolyticus* | subsp. nov. | Christensen *et al.* | 1575 |
| *Planktothrix* | emend.* | Suda *et al.* | 1592 |
| *Planktothrix agardhii* | emend.* | Suda *et al.* | 1592 |
| *Planktothrix rubescens* | emend.* | Suda *et al.* | 1592 |
| *Planktothrix pseudagardhii* | sp. nov.* | Suda and Watanabe | 1593 |
| *Planktothrix mougeotii* (basonym *Oscillatoria mougeotii*) | comb. nov.* | Suda *et al.* | 1593 |
| *Planktothricoides* | gen. nov. | Suda and Watanabe | 1593 |
| *Planktothricoides raciborskii* (basonym *Planktothrix raciborskii*) | comb. nov. | Suda *et al.* | 1593 |
| *Tychonema bourellyi* | emend.* | Suda *et al.* | 1594 |
| *Limnothrix redekei* | emend.* | Suda *et al.* | 1594 |
| *Paenibacillus koleovorans* | sp. nov. | Takeda *et al.* | 1600 |
| *Pseudonocardia spinosispora* | sp. nov. | Lee *et al.* | 1607 |
| *Kytococcus schroeteri* | sp. nov. | Becker *et al.* | 1613 |
| *Roseburia intestinalis* | sp. nov. | Duncan *et al.* | 1619 |
| *Caminicella* | gen. nov. | Alain *et al.* | 1627 |
| *Caminicella sporogenes* | sp. nov. | Alain *et al.* | 1627 |
| *Streptomyces scopiformis* | sp. nov. | Li *et al.* | 1632 |
| *Gluconobacter asaii* pro synon., *Gluconobacter cerinus* | synon. | Katsura *et al.* | 1638 |
| *Gluconobacter cerinus* | emend. | Katsura *et al.* | 1639 |
| *Brachybacterium fresconis* | sp. nov. | Heyrman *et al.* | 1644 |
| *Brachybacterium sacelli* | sp. nov. | Heyrman *et al.* | 1644 |
| *Meiothermus taiwanensis* | sp. nov. | Chen *et al.* | 1653 |
| *Erythrobacter citreus* | sp. nov. | Denner *et al.* | 1659 |
| *Paenibacillus glycanilyticus* | sp. nov. | Dasman *et al.* | 1671 |
| *Thermanaeromonas* | gen. nov. | Mori *et al.* | 1679 |
| *Thermanaeromonas toyohensis* | sp. nov. | Mori *et al.* | 1679 |
| *Alicyclobacillus acidiphilus* | sp. nov. | Matsubara *et al.* | 1684 |
| *Sinorhizobium morelense* | sp. nov. | Wang *et al.* | 1691 |
| *Streptomyces beijiangensis* | sp. nov. | Li *et al.* | 1698 |
| *Petrotoga olearia* | sp. nov. | L'Haridon *et al.* | 1720 |
| *Petrotoga sibirica* | sp. nov. | L'Haridon *et al.* | 1720 |
| *Aeromonas culicicola* | sp. nov. | Pidiyar *et al.* | 1727 |
| *Pelotomaculum* | gen. nov. | Imachi *et al.* | 1734 |
| *Pelotomaculum thermopropionicum* | sp. nov. | Imachi *et al.* | 1734 |
| *Thermovenabulum* | gen. nov. | Zavarzina *et al.* | 1741 |
| *Thermovenabulum ferriorganovorum* | sp. nov. | Zavarzina *et al.* | 1741 |
| *Lactobacillus pantheris* | sp. nov. | Liu and Dong | 1747 |
| *Pseudomonas mediterranea* | sp. nov. | Catara *et al.* | 1756 |
| *Pseudoalteromonas* | emend. | Ivanova *et al.* | 1765 |
| *Pseudoalteromonas translucida* | sp. nov. | Ivanova *et al.* | 1765 |
| *Pseudoalteromonas paragorgicola* | sp. nov. | Ivanova *et al.* | 1765 |
| *Halomonas halocynthiae* | sp. nov. | Romanenko *et al.* | 1771 |
| *Afipia* | emend. | La Scola *et al.* | 1779 |
| *Afipia birgiae* | sp. nov. | La Scola *et al.* | 1779 |
| *Afipia massiliensis* | sp. nov. | La Scola *et al.* | 1780 |
| *Methanocalculus taiwanensis* | sp. nov. | Lai *et al.* | 1805 |
| *Halococcus dombrowskii* | sp. nov. | Stan-Lotter *et al.* | 1813 |
| *Saccharothrix aerocolonigenes* subsp. *staurosporea* pro synon., *Lentzea albida* | synon. | Xie *et al.* | 1818 |
| *Lentzea flaviverrucosa* | sp. nov. | Xie *et al.* | 1818 |
| *Phyllobacterium rubiacearum* pro synon., *Phyllobacterium myrsinacearum* | synon. | Mergaert *et al.* | 1822 |
| *Phyllobacterium myrsinacearum* | emend. | Mergaert *et al.* | 1822 |

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| Name | Proposed as: | Author(s) | Page no. |
|---|---|---|---|
| *Nocardia pseudovaccinii* | sp. nov. | Kim *et al.* | 1828 |
| *Halomicrobium* | gen. nov. | Oren *et al.* | 1834 |
| *Halomicrobium mukohataei* (basonym *Haloarcula mukohataei*) | comb. nov., emend. | Oren *et al.* | 1834 |
| *Kineosphaera* | gen. nov. | Liu *et al.* | 1847 |
| *Kineosphaera limosa* | sp. nov. | Liu *et al.* | 1848 |
| *Rheinheimera* | gen. nov. | Brettar *et al.* | 1856 |
| *Rheinheimera baltica* | sp. nov. | Brettar *et al.* | 1856 |
| *Thermovibrio* | gen. nov. | Huber *et al.* | 1864 |
| *Thermovibrio ruber* | sp. nov. | Huber *et al.* | 1864 |
| *Carnobacterium viridans* | sp. nov. | Holley *et al.* | 1884 |

*None of the cyanobacterial genera and species are validly described under the Bacteriological Code. The status of emended descriptions and new combinations needs clarification.