

Validation List no. 170

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List of new names and new combinations previously effectively, but not validly, published

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The purpose of this announcement is to effect the valid publication of the following effectively published 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, or an electronic copy of the published paper 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. 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. Inclusion of a name on these lists validates the publication of the name and thereby makes it available in the nomenclature of prokaryotes. 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/authors	Proposed as:	Nomenclatural type*	Priority†	Reference
<i>Alicyclobacillus tengchongensis</i> Kim <i>et al.</i> 2014, 887	sp. nov.	ACK006 (=DSM 25924=KCTC 33022)	26	17
<i>Amylibacter ulvae</i> Nedashkovskaya <i>et al.</i> 2016, 254‡	sp. nov.	6Alg 255 (= KCTC 32465 = KMM 6515)	8	25
<i>Bacterioplanes</i> Wang <i>et al.</i> 2014, 742§	gen. nov.	<i>Bacterioplanes sanyensis</i>	36	36
<i>Bacterioplanes sanyensis</i> Wang <i>et al.</i> 2014, 742	sp. nov.	GYP-2 (=CGMCC 1.12392=KCTC 32220)	36	36
<i>Bergeyella porcorum</i> Zamora <i>et al.</i> 2016, 163	sp. nov.	I350-03 (=CECT 9006=CCUG 67887)	40	40
<i>Burkholderia kirstenboschensis</i> Steenkamp <i>et al.</i> 2015, 552	sp. nov.	Kb15 (=LMG 28727=SARC 695)	3	34
<i>Capnocytophaga canis</i> Renzi <i>et al.</i> 2016, 1¶ #	sp. nov.	CcD38 (=DSM 101831=LMG 29146)	23	31
<i>Chitinispirillaceae</i> Sorokin <i>et al.</i> 2016, 12¶ **	fam. nov.	<i>Chitinispirillum</i>	27	33
<i>Chitinispirillales</i> Sorokin <i>et al.</i> 2016, 12¶ ††	ord. nov.	<i>Chitinispirillum</i> ‡‡	27	33
<i>Chitinispirillia</i> Sorokin <i>et al.</i> 2016, 12¶ §§	class. nov.	<i>Chitinispirillales</i>	27	33
<i>Chitinispirillum</i> Sorokin <i>et al.</i> 2016, 12¶	gen. nov.	<i>Chitinispirillum alkaliphilum</i>	27	33
<i>Chitinispirillum alkaliphilum</i> Sorokin <i>et al.</i> 2016, 12¶	sp. nov.	ACHt6-1 (=DSM 24539=UNIQEM U893)	27	33
<i>Chlamydia</i> (Horn 2011) emend Gupta <i>et al.</i> 2015, 778	class. nov.	<i>Chlamydiales</i>	9	13
<i>Clostridium jeddahense</i> Lagier <i>et al.</i> 2014, 1015¶¶	sp. nov.	JCD (=CSUR P693=DSM 27834)	12	18
<i>Clostridium saudiense</i> corrig. Angelakis <i>et al.</i> 2014, 10¶ ##	sp. nov.	JCC (=CSUR P697=DSM 27835)	13	3
<i>Collinsella massiliensis</i> Padmanabhan <i>et al.</i> 2014, 1155***	sp. nov.	GD3 (=CSUR P902=DSM 26110)	14	26
<i>Corynebacterium uropygiale</i> Braun <i>et al.</i> 2016, 90	sp. nov.	Iso10 (=DSM 46817=LMG 28616)	24	5
<i>Desulfonatromum zhilinae</i> Zakharyuk <i>et al.</i> 2015, 678	sp. nov.	AI915-01 (=DSM 26338=VKM B-2744)	25	39
<i>Dielma</i> Ramasamy <i>et al.</i> 2013, 347†††	gen. nov.	<i>Dielma fastidiosa</i>	15	29

cont.

Name/authors	Proposed as:	Nomenclatural type*	Priority†	Reference
<i>Dielma fastidiosa</i> Ramasamy <i>et al.</i> 2013, 347‡‡‡	sp. nov.	JC13 (=CSUR P149=DSM 26099)	15	29
<i>Endozoicomonas arenosclerae</i> Appolinario <i>et al.</i> 2016, 435	sp. nov.	Ab112 (=CBAS 572=LMG 29175)	32	4
<i>Enorma timonensis</i> Ramasamy <i>et al.</i> 2014, 982§§§	sp. nov.	GD5 (=CSUR P900=DSM 26111)	16	30
<i>Erwinia teleogrylli</i> Liu <i>et al.</i> 2016, 75	sp. nov.	SCU-B244 (=CGMCC 1.12772=KCTC 42022)¶¶¶	4	20
<i>Haloarculaceae</i> Gupta <i>et al.</i> 2016, 582	fam. nov.	<i>Haloarcula</i>	10	11
<i>Halococcaceae</i> Gupta <i>et al.</i> 2016, 583	fam. nov.	<i>Halococcus</i>	10	11
<i>Halorhabdus rudnickae</i> Albuquerque <i>et al.</i> 2016, 103	sp. nov.	WSM-64 (=CECT 8673=DSM 29498)	7	2
<i>Halorubraceae</i> Gupta <i>et al.</i> 2016, 583	fam. nov.	<i>Halorubrum</i>	10	11
<i>Holdemania massiliensis</i> Mishra <i>et al.</i> 2013, 406***	sp. nov.	AP2 (=CSUR P195=DSM 26143)	17	24
<i>Kallipyga</i> Hugon <i>et al.</i> 2013, 511###	gen. nov.	<i>Kallipyga massiliensis</i>	18	14
<i>Kallipyga massiliensis</i> Hugon <i>et al.</i> 2013, 511****	sp. nov.	ph2 (=CSUR P241=DSM 26229)	18	14
<i>Kibdelosporangium banguiense</i> Pascual <i>et al.</i> 2016, 693	sp. nov.	F-240,109 (=DSM 46670=LMG 28181)	29	27
<i>Kocuria subflava</i> Jiang <i>et al.</i> 2015, 1353††††	sp. nov.	YIM 13062 (=CGMCC 4.7252=KCTC 39547)	33	16
<i>Kurtzia senegalensis</i> Roux <i>et al.</i> 2014, 1328‡‡‡‡	sp. nov.	JC8E (=CSUR P138=DSM 24641)	19	32
<i>Legionella thermalis</i> Ishizaki <i>et al.</i> 2016, 207§§§§	sp. nov.	L-47 (=JCM 30970=KCTC 42799)	37	15
<i>Micromonospora mangrovi</i> Xie <i>et al.</i> 2016, 489	sp. nov.	2803GPT1-18 (=CCTCC AA 2012012=DSM 45761)	38	37
<i>Micromonospora soli</i> Thawai <i>et al.</i> 2016, 454	sp. nov.	SL3-70 (=BCC 67268=NBRC 110009)	2	35
<i>Microvirga massiliensis</i> Caputo <i>et al.</i> 2016, 318***	sp. nov.	JC119 (=CSUR P153=DSM 26813)	39	6
<i>Nesterenkonia massiliensis</i> Edouard <i>et al.</i> 2014, 878¶¶¶¶	sp. nov.	NP1 (=CSUR P244=DSM 26221)	20	7
<i>Nocardopsis mwathae</i> Akhwale <i>et al.</i> 2016, 425####	sp. nov.	No.156 (=CECT 8552=DSM 46659)	1	1
<i>Ochrobactrum endophyticum</i> Li <i>et al.</i> 2016, 175*****	sp. nov.	BGI 60010 (=CGMCC 1.15082=DSM 29930=KCTC 42485)	34	19
<i>Parachlamydiales</i> Gupta <i>et al.</i> 2015, 778†††††	ord. nov.	<i>Parachlamydia</i>	11	10
<i>Peptoniphilus senegalensis</i> Mishra <i>et al.</i> 2013, 379‡‡‡‡‡	sp. nov.	JC140 (=CSUR P154=DSM 25694)	21	23
<i>Silvibacterium</i> Lladó <i>et al.</i> 2016, 18	gen. nov.	<i>Silvibacterium bohemicum</i>	30	21
<i>Silvibacterium bohemicum</i> Lladó <i>et al.</i> 2016, 18§§§§§	sp. nov.	S15 (=CECT 8790=LMG 28607)	30	21
<i>Sphingomonas qilianensis</i> Piao <i>et al.</i> 2016, 367	sp. nov.	X1 (=CGMCC 1.15349=KCTC 42862)	28	28
<i>Streptomyces hyalurocycini</i> Harunari <i>et al.</i> 2016, 161	sp. nov.	MB-PO13 (=DSM 100105=NBRC 110483)	35	12
<i>Streptosporangium corydalis</i> Fang <i>et al.</i> 2016, 447	sp. nov.	NEAU-Y6 (=CGMCC 4.7150=DSM 46722)	5	8
<i>Streptosporangium fenghuangense</i> Fang <i>et al.</i> 2016, 446	sp. nov.	NEAU-hd-3 (=CGMCC 4.7212=JCM 30058)	5	8
<i>Streptosporangium lutulentum</i> Fang <i>et al.</i> 2016, 446¶¶¶¶¶	sp. nov.	NEAU-FHSN1 (=CGMCC 4.7141=DSM 46740)	5	8
<i>Terracidiphilus</i> García-Fraile <i>et al.</i> 2016, 564	gen. nov.	<i>Terracidiphilus gabretensis</i>	31	9
<i>Terracidiphilus gabretensis</i> García-Fraile <i>et al.</i> 2016, 564####	sp. nov.	S55 (=CECT 8791=NBRC 111238)	31	9
<i>Timonella</i> Mishra <i>et al.</i> 2013, 332*****	gen. nov.	<i>Timonella senegalensis</i>	22	22
<i>Timonella senegalensis</i> Mishra <i>et al.</i> 2013, 332†††††	sp. nov.	JC301 (=CSUR P167=DSM 25696)‡‡‡‡‡	22	22
<i>Wenyngzhuangia aestuarii</i> Yoon & Kasaí 2016, 401	sp. nov.	MN1-138 (=KCTC 42780=NBRC 111505)	6	38

For references to Validation Lists 1–71, see *Int J Syst Bacteriol* **49** (1999) 1325. Lists 72–169 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, 935, 1219, 1701; and **54** (2004) 1, 307, 631, 1005, 1425, 1909; and **55** (2005) 1, 547, 983, 1395, 1743, 2235; and **56** (2006) 1, 499, 925, 1459, 2025, 2507; and **57** (2007) 1, 433, 893, 1371, 1933, 2449; and **58** (2008) 1, 529, 1057, 1511, 1993, 2471; and **59** (2009) 1, 451, 923, 1555, 2129, 2647; and **60** (2010) 1, 469, 1009, 1477, 1985, 2509; **61** (2011) 1, 475, 1011, 1499, 2025, 2563; and **62** (2012) 1, 473, 1017, 1443, 2045, 2549; and **63** (2013) 1, 797, 1577, 2365, 3131, 3931; and **64** (2014) 1, 693, 1455, 2184, 2927, 3603; and **65** (2015), 1, 741, 1112, 2017, 2777, 3767; and **66** (2016) 1, 1603, 1913.

*Abbreviations of culture collections cited in this list can be found at http://ijs.microbiologyresearch.org/marketing/editorial/IJSEM_Culture_Collection_Abbreviation_14082015.pdf

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

‡The preferred syllabification is ul'vae.

§The etymology must be corrected as follows: N.L. neut. n. *bacterium* rod; Gr. masc. n. *planes* a wanderer, roamer; N.L. masc. n. *Bacterioplanes* ...

||The etymology must read N.L. masc. n. instead of N.L. fem. n.

¶The online open-access journal in which the name was effectively published does not have continuous page numbers for each volume.

#The etymology must be corrected as follows: L. gen. n. *canis* of a dog.

**Syllabification and etymology must be added as follows: Chi.ti.ni.spi.ril.la.ce'ae. N.L. neut. n. *Chitinispirillum* a bacterial genus; suff. *-aceae* ending to denote a family; N.L. fem. pl. n. *Chitinispirillaceae* the family of the genus *Chitinispirillum*.

††Syllabification and etymology must be added as follows: Chi.ti.ni.spi.ril.la'les. N.L. neut. n. *Chitinispirillum* a bacterial genus; *-ales* ending to

- denote an order; N.L. fem. pl. n. *Chitinispirillales* the order whose nomenclatural type is the genus *Chitinispirillum*.
- ##The nomenclatural type is the genus *Chitinispirillum*, not the family *Chitinispirillaceae* as given by the authors.
- \$\$\$Syllabification and etymology must be added as follows: Chi.ti.mi.spi.ril'li.a. N.L. fem. pl. *Chitinispirillales* a bacterial order; *-ia* suffix used to designate a class; N.L. neut. pl. n. *Chitinispirillia* the class of the order *Chitinispirillales*.
- ||||The etymology must be corrected as follows: ... N.L., dim. neut. n. *Spirillum* ... N.L. neut. n. *Chitinispirillum* ...
- \$\$\$Syllabification and etymology must be corrected as follows: jed.dah.en'se. N.L. neut. adj. *jeddahense* pertaining to Jeddah.
- ##The list editors have corrected the proposed epithet *saudii* to *saudiense* (sa.u.di.en'se. N.L. neut. adj. *saudiense* pertaining to Saudi Arabia).
- ***The etymology must read L. fem. adj. instead of L. masc. adj.
- +++The etymology must read N.L. fem. n. instead of N.L. fem. N.
- +++The etymology must read L. fem. adj. instead of N. L. F. adj.
- \$\$\$Syllabification and etymology must be corrected as follows: ti.mon.en'sis. N.L. fem. adj. *timonensis* ...
- |||Syllabification must be corrected as follows: te.le.o.gryl'li.
- \$\$\$The effective publication states that the type strain was also deposited as DSM 28222, but no documentation was supplied.
- ###Syllabification and etymology must be corrected as follows: Kal.li.py'ga. N.L. fem. n. *Kallipyga* ...
- ****Syllabification and etymology must be corrected as follows: mas.si.li.en'sis. L. fem. adj. *massiliensis* ...
- +++Syllabification must be corrected as follows: sub.fla'va.
- +++Syllabification and etymology must be corrected as follows: se.ne.gal.en'sis. N.L. fem. adj. *senegalensis* ...
- \$\$\$Syllabification must be corrected as follows: ther.ma'lis.
- ||||The etymology must be corrected as follows: N.L. gen. n. *mangrovi* ...
- \$\$\$The etymology must be corrected as follows: L. fem. adj. *massiliensis* ...
- ###The etymology must read N.L. gen. fem. n. instead of N.L. fem. N.
- ****The etymology must read N.L. neut. adj. instead of N.L. fem. adj.
- ++++Syllabification must be corrected as follows: Pa.ra.chla.my.di.a'les.
- +++Syllabification and etymology must be corrected as follows: se.ne.gal.en'sis. N.L. masc. adj. *senegalensis* ...
- \$\$\$The protologue of the species must state *Silvibacterium bohemicum* instead of *S. bohemicum*.
- |||||Syllabification must be corrected as follows: feng.huang.en'se.
- \$\$\$Syllabification must be corrected as follows: lu.tu.len'tum.
- ####The protologue must state *Terracidiphilus gabretensis* instead of *T. gabretensis*.
- *****The etymology must read N.L. fem. n. instead of N.L. fem. N.
- ++++Syllabification and etymology must be corrected as follows: se.ne.gal.en'sis. N.L. fem. adj. *senegalensis* ...
- ++++DSMZ 25696 must be corrected to DSM 25696.

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