ICSB ANNOUNCEMENT

Proposed new bacterial taxa and proposed changes of bacterial names published during 1994 and considered to be of interest to medical or veterinary bacteriology

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At the meeting of the International Committee on Systematic Bacteriology (ICSB) in Prague, Czech Republic, in July 1994, the problems created by the publication of many new names and new combinations of names of both genera and species were discussed, provoked by a presentation by Dr J. T. Magee (Cardiff, UK). It was decided to establish an ad hoc committee within the ICSB with the task of formulating an approach to communication of new names to users in medical and veterinary bacteriology.

The following bacterial names have been published in 1994 in articles in the *International Journal of Systematic Bacteriology* (IJSB) (validly published) or published elsewhere and listed in 1994 on the validation lists in IJSB (validated). For some taxa there is

a valid synonym; in these cases the old and the new name reflect different views on the classification of the taxon. The source of isolation—man or warm-blooded animals—has been the main criterion for selection. In some cases new species of clinically important genera have been included even if isolated from other sources.

The names are listed in the order in which they appeared in the IJSB. The number of names included on the list is 61, c. 25% of the total number of new names published in 1994. We are aware that our selection is subjective, and that other delimitations could have been chosen. The intention is to publish a list once a year. The authors and the editors of the *Journal of Medical Microbiology* invite criticism and comments from readers.

Notes to the list

Type means **Type species** of a new genus or **Type strain** of a species/subspecies.

Methods used means methods used for the taxonomic characterisation of the new taxa: 1, classical phenotypic characterisation; 2, chemotaxonomy, e.g., fatty acids, quinones; 3, protein electrophoresis; 4, Guanine + Cytosine mol%; 5, DNA-DNA hybridisation; 6, rRNA-DNA hybridisation; 7, rRNA sequence determination; 8, monoclonal antibodies; 9, ribotyping, REA-typing and similar; 10, enzyme electrophoresis.

gen. nov. means genus novum; nom. rev. means nomen revictum (revived name); comb. nov. means combinatio nova (new comb-

ination); in most cases the names are names of new species, species nova (spec. nov.) or of new subspecies (subsp. nov.); IJSB, *International Journal of Systematic Bacteriology*; Scan JID, *Scandinavian Journal of Infectious Diseases*; JGM, *Journal of General Microbiology*; CCUG, Culture Collection University of Göteborg; ATCC, American Type Culture Collection; JCM, Japan Collection of Microorganisms; DSM, Deutsche Sammlung von Mikroorganismen; CIP, Collection Institut Pasteur; NCTC, National Collection of Type Cultures; CCM, Czechoslovak Collection of Microorganisms.

Table 1.

Name	Valid synonym	Other designation	Source of isolation/associated with	Reference and authors	Methods used	Type	Number of strains studied
<i>Ornithobacterium</i> gen. nov.						<i>O. rhinotracheale</i>	
<i>Ornithobacterium rhinotracheale</i>			Avian respiratory tract	IJSB 1994; 44: 24-37. Vandamme <i>et al.</i>	1-2-3-4-5-7	CCUG 23171	21
<i>Lactospirilla pectinoschiza</i>			Pig intestine	IJSB 1994; 44: 87-93. Cornick <i>et al.</i>	1-2-4-7	ATCC 49827	3
<i>Ruminococcus hansenii</i> comb. nov.	<i>Streptococcus hansenii</i>		Human faeces	IJSB 1994; 44: 130-136. Ezaki <i>et al.</i>		ATCC 27752	
<i>Ruminococcus productus</i>	<i>Peptostreptococcus productus</i>		Human faeces	IJSB 1994; 44: 130-136. Ezaki <i>et al.</i>		ATCC 27340	
<i>Bacillus aneurinolyticus</i> comb. nov.			Human faeces	IJSB 1994; 44: 143-150. Shida <i>et al.</i>	1-2-3-4-5	JCM 9024	15
<i>Actinomyces neuii</i> sp. nov., nom. rev.				IJSB 1994; 44: 167-171. Funke <i>et al.</i>		DSM 8576	
<i>Actinomyces neuii</i> ssp. <i>neuii</i>		CDC gr. 1	Human clinical material	IJSB 1994; 44: 167-171. Funke <i>et al.</i>	1-7	DSM 8576	17
<i>ssp. anitratus</i>		CDC gr. 1-like	Human clinical material	IJSB 1994; 44: 167-171. Funke <i>et al.</i>	1-7	DSM 8577	9
<i>Borrelia afzelii</i>			Man; borreliosis in Northern Europe	Sean JID 1993; 25: 441-448. Canica <i>et al.</i>	3-5-9	CIP 103469	24
<i>Oribaceulum</i> gen. nov.						<i>O. catoniae</i>	
<i>Oribaculum catoniae</i>		<i>Bacteroides</i> D 26	Human gingiva; periodontitis	IJSB 1994; 44: 187-192. Moore and Moore.	1-2-3-4	ATCC 51270	85
<i>Catonella</i> gen. nov.						<i>C. morby</i>	
<i>Catonella morby</i>		<i>Bacteroides</i> D 42	Human gingiva; periodontitis	IJSB 1994; 44: 187-192. Moore and Moore.	1-2-3-4	ATCC 51271	9
<i>Hallella</i> gen. nov.						<i>H. seregens</i>	
<i>Hallella seregens</i>		<i>Bacteroides</i> D 12	Human gingiva; periodontitis	IJSB 1994; 44: 187-192. Moore and Moore.	1-2-3-4	ATCC 51272	6
<i>Johnsonella</i> gen. nov.						<i>J. ignava</i>	
<i>Johnsonella ignava</i>		<i>Bacteroides</i> D 19	Human gingiva; periodontitis	IJSB 1994; 44: 187-192. Moore and Moore.	1-2-3-4	ATCC 51276	11
<i>Dialister</i> gen. rev.						<i>D. pneumosintes</i>	
<i>Dialister pneumosintes</i> comb. nov.	<i>Bacteroides pneumosintes</i>		Human gingiva	IJSB 1994; 44: 187-192. Moore and Moore.		ATCC 33048	
<i>Porphyromonas canoris</i>						NCTC 12835	5
<i>Turicella</i> gen. nov.		C2	Dog gingiva; periodontitis	IJSB 1994; 44: 204-208. Love <i>et al.</i>	1-2-4-5-10	<i>T. otitidis</i>	
<i>Turicella otitidis</i>			Human middle ear secretion	IJSB 1994; 44: 270-273. Funke <i>et al.</i>	1-2-4-7	DSM 8821	3
<i>Capnocytophaga haemolytica</i>			Human dental plaque	IJSB 1994; 44: 324-329. Yamamoto <i>et al.</i>	2-4-5	JCM 8565	24
<i>Capnocytophaga granulosa</i>			Human dental plaque	IJSB 1994; 44: 324-329. Yamamoto <i>et al.</i>		JCM 8566	14
<i>Corynebacterium propinquum</i>		CDC ANF 3	Human respiratory tract	FEMS Microbiol Letters 1993; 113: 229-234. Riegel <i>et al.</i>	1-2-4-5-9	CIP 103792	
<i>Helicobacter canis</i>		HC group	Dog and man	JGM 1993; 139: 2495-2504. Stanley <i>et al.</i>	1-3-5-7	ATCC 51401	5
<i>Flavobacterium scophthalmum</i>			Fish	IJSB 1994; 44: 447-453. Mudarris <i>et al.</i>	1-2-5-6	CCM 4109	50
<i>Staphylococcus vitulus</i>			Veal	IJSB 1994; 44: 454-460. Webster <i>et al.</i>	1-2-4-5-9	ATCC 51145	11
<i>Brevundimonas</i> gen. nov.				IJSB 1994; 44: 499-510. Sergers <i>et al.</i>		<i>B. diminuta</i>	
<i>Brevundimonas diminuta</i>	<i>Pseudomonas diminuta</i>			IJSB 1994; 44: 499-510. Sergers <i>et al.</i>	1-2-3-4-5-6	ATCC 11568	19

Table I. (cont.)

<i>Brevundimonas vesicularis</i>	<i>Pseudomonas vesicularis</i>				IJSB 1994; 44: 499-510. Sergers <i>et al.</i>	1-2-3-4-5-6	ATCC 11426	10
<i>Helicobacter pametensis</i>					IJSB 1994; 44: 553-560. Dewhirst <i>et al.</i>	1-4-5-7	ATCC 51478	6
<i>Propionifera innocua</i>	<i>Propionibacterium innocuum</i>				IJSB 1994; 44: 579-582. Yokota <i>et al.</i>		NCTC 11082	
<i>Enterobacter cancerogenus</i> pro. synon.	<i>E. taylorae</i>				IJSB 1994; 44: 586-587. Schönheyder <i>et al.</i>		ATCC 33241	
<i>Helicobacter hepaticus</i>					J Clin Microbiol 1994; 32: 1238-1245. Fox <i>et al.</i>	1-7	ATCC 51448	15
<i>Legionella lansingensis</i>					J Clin Microbiol 1992; 30: 2398-2401. Thacker <i>et al.</i>	1-2-5	ATCC 49751	1
<i>Prevotella tamerae</i>	<i>Bacteroides</i> D 28				IJSB 1994; 44: 599-602. Moore <i>et al.</i>	1-2-3-5	ATCC 51259	48
<i>Prevotella enoca</i>	<i>Bacteroides</i> D 84				IJSB 1994; 44: 599-602. Moore <i>et al.</i>	1-2-3-5	ATCC 51261	8
<i>Porphyromonas gingivitis</i>					IJSB 1994; 44: 637-640. Hirasawa and Takada.	1-2-4-5-10	ATCC 55562	19
<i>Porphyromonas creviticus</i>					IJSB 1994; 44: 637-640. Hirasawa and Takada.	1-2-4-5-10	ATCC 55563	71
<i>Streptococcus phocae</i>					IJSB 1994; 44: 646-650. Skaar <i>et al.</i>	1-4-5	NCTC 12719	22
<i>Porphyromonas caningivalis</i>					IJSB 1994; 44: 674-679. Collins <i>et al.</i>	1-2-4-5-7-10	NCTC 12856	6
<i>Porphyromonas cansulci</i>					IJSB 1994; 44: 674-679. Collins <i>et al.</i>	1-2-4-5-7-10	NCTC 12858	5
<i>Gordona sputi</i> pro. syn.	<i>Rhodococcus chubuensis</i>				IJSB 1994; 44: 764-768. Riegel <i>et al.</i>		ATCC 29627	
<i>Gordona aichiensis</i>	<i>Rhodococcus aichiensis</i>				IJSB 1994; 44: 769-773. Klatte <i>et al.</i>		DSM43978	
<i>Filifactor</i> gen. nov.					IJSB 1994; 44: 812-826. Collins <i>et al.</i>		<i>F. villosus</i>	
<i>Filifactor villosus</i> comb. nov.	<i>Clostridium villosum</i>				IJSB 1994; 44: 812-826. Collins <i>et al.</i>		NCTC 11220	
<i>Eubacterium barkeri</i>	<i>Clostridium barkeri</i>				IJSB 1994; 44: 812-826. Collins <i>et al.</i>		NCTC 25849	
<i>Chryseobacterium</i> gen. nov.					IJSB 1994; 44: 827-831. Vandamme <i>et al.</i>		<i>C. gleum</i>	
<i>C. balustinum</i> comb. nov.	<i>Flavobacterium balustinum</i>				IJSB 1994; 44: 827-831. Vandamme <i>et al.</i>		NCTC 11212	
<i>C. gleum</i> comb. nov.	<i>Flavobacterium gleum</i>				IJSB 1994; 44: 827-831. Vandamme <i>et al.</i>		NCTC 11432	
<i>C. indologenes</i> comb. nov.	<i>Flavobacterium indologenes</i>				IJSB 1994; 44: 827-831. Vandamme <i>et al.</i>		ATCC 29897	
<i>C. indoltheticum</i> comb. nov.	<i>Flavobacterium indoltheticum</i>				IJSB 1994; 44: 827-831. Vandamme <i>et al.</i>		ATCC 27950	
<i>C. meningosepticum</i> comb. nov.	<i>Flavobacterium meningosepticum</i>				IJSB 1994; 44: 827-831. Vandamme <i>et al.</i>		ATCC 13253	
<i>C. scophthalmum</i> comb. nov.	<i>Flavobacterium scophthalmum</i>				IJSB 1994; 44: 827-831. Vandamme <i>et al.</i>		CCM 4109	
<i>Bergeyella</i> gen. nov.	<i>Weeksella</i>				IJSB 1994; 44: 827-831. Vandamme <i>et al.</i>		<i>B. zooheicum</i>	
<i>B. zooheicum</i> comb. nov.	<i>Weeksella zooheicum</i>				IJSB 1994; 44: 827-831. Vandamme <i>et al.</i>		NCTC 11660	
<i>Empedobacter</i> gen. nov.					IJSB 1994; 44: 827-831. Vandamme <i>et al.</i>		<i>E. breve</i>	
<i>E. breve</i> comb. nov.	<i>Flavobacterium breve</i>				IJSB 1994; 44: 827-831. Vandamme <i>et al.</i>		NCTC 11099	
<i>Brevibacterium mcbrellneri</i>					J Med Microbiol 1993; 39: 225-261. McBride <i>et al.</i>	1-2-4	ATC 49030	14