

Preface to Volume Three of the Second Edition of Bergey's Manual of Systematic Bacteriology

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Preface to the First Edition of Bergey's Manual of Determinative Bacteriology

Contributors

Revised Road Map to the Phylum Firmicutes

Phylum BXIII. Firmicutes

Class I. Bacilli

Order I. Bacillales

Family I. Bacillaceae

Genus I. Bacillus

Genus II. Alkalibacillus

Genus III. Amphibacillus

Genus IV. Anoxybacillus

Genus V. Cerasibacillus

Genus VI. Filobacillus

Genus VII. Geobacillus

Genus VIII. Gracilibacillus

Genus IX. Halobacillus

Genus X. Halolactibacillus

Genus XI. Lentibacillus

Genus XII. Marinococcus

Genus XIII. Oceanobacillus

Genus XIV. Paraliobacillus

Genus XV. Pontibacillus

Genus XVI. Saccharococcus

Genus XVII. Tenuibacillus

Genus XVIII. Thalassobacillus

Genus XIX. Virgibacillus

Family II. Alicyclobacillaceae

Genus I. Alicyclobacillus

Family III. Listeriaceae

Genus I. Listeria

Genus II. Brochothrix

Family IV. Paenibacillaceae

Genus I. Paenibacillus

Genus II. Ammoniphilus

Genus III. Aneurinibacillus

Genus IV. Brevibacillus

Genus V. Cohnella

Genus VI. Oxalophagus

Genus VII. Thermobacillus

Family V. Pasteuriaceae

Genus I. Pasteuria

Family VI. Planococcaceae

Genus I. Planococcus

Genus II. Caryophanon  
Genus III. Filibacter  
Genus IV. Jeotgalibacillus  
Genus V. Kurthia  
Genus VI. Marinibacillus  
Genus VII. Planomicrobium  
Genus VIII. Sporosarcina  
Genus IX. Ureibacillus  
Family VII. Sporolactobacillaceae  
Genus I. Sporolactobacillus  
Family VIII. Staphylococcaceae  
Genus I. Staphylococcus  
Genus II. Jeotgalicoccus  
Genus III. Macrococcus  
Genus IV. Salinicoccus  
Family IX. Thermoactinomycetaceae  
Genus I. Thermoactinomyces  
Genus II. Laceyella  
Genus III. Mechercharimyces  
Genus IV. Planifilum  
Genus V. Seinonella  
Genus VI. Shimazuella  
Genus VII. Thermoflavimicrobium  
Family X. Incertae Sedis  
Genus I. Thermicanus  
Family XI. Incertae Sedis  
Genus I. Gemella  
Family XII. Incertae Sedis  
Genus I. Exiguobacterium  
Order II. Lactobacillales  
Family I. Lactobacillaceae  
Genus I. Lactobacillus  
Genus II. Paralactobacillus  
Genus III. Pediococcus  
Family II. Aerococcaceae  
Genus I. Aerococcus  
Genus II. Abiotrophia  
Genus III. Dolosicoccus  
Genus IV. Eremococcus  
Genus V. Facklamia  
Genus VI. Globicatella  
Genus VII. Ignavigranum  
Family III. Carnobacteriaceae  
Genus I. Carnobacterium  
Genus II. Alkalibacterium  
Genus III. Allofustis

Genus IV. *Alloiococcus*  
Genus V. *Atopobacter*  
Genus VI. *Atopococcus*  
Genus VII. *Atopostipes*  
Genus VIII. *Desemzia*  
Genus IX. *Dolosigranulum*  
Genus X. *Granulicatella*  
Genus XI. *Isobaculum*  
Genus XII. *Marinilactibacillus*  
Genus XIII. *Trichococcus*  
Family IV. *Enterococcaceae*  
Genus I. *Enterococcus*  
Genus II. *Melissococcus*  
Genus III. *Tetragenococcus*  
Genus IV. *Vagococcus*  
Family V. *Leuconostocaceae*  
Genus I. *Leuconostoc*  
Genus II. *Oenococcus*  
Genus III. *Weissella*  
Family VI. *Streptococcaceae*  
Genus I. *Streptococcus*  
Genus II. *Lactococcus*  
Genus III. *Lactovum*  
Class II. *Clostridia*  
Order I. *Clostridiales*  
Family I. *Clostridiaceae*  
Genus I. *Clostridium*  
Genus II. *Alkaliphilus*  
Genus III. *Anaerobacter*  
Genus IV. *Anoxynatronum*  
Genus V. *Caloramator*  
Genus VI. *Caloranaerobacter*  
Genus VII. *Caminicella*  
Genus VIII. *Natronincola*  
Genus IX. *Oxobacter*  
Genus X. *Sarcina*  
Genus XI. *Thermobrachium*  
Genus XII. *Thermohalobacter*  
Genus XIII. *Tindallia*  
Family II. *Eubacteriaceae*  
Genus I. *Eubacterium*  
Genus II. *Acetobacterium*  
Genus III. *Alkalibacter*  
Genus IV. *Anaerofustis*  
Genus V. *Garciella*  
Genus VI. *Pseudoramibacter*

Family III. Gracilibacteraceae  
Genus I. Gracilibacter  
Family IV. Heliobacteriaceae  
Genus I. Heliobacterium  
Genus II. Heliobacillus  
Genus III. Heliophilum  
Genus IV. Heliorestis  
Family V. Lachnospiraceae  
Genus I. Lachnospira  
Genus II. Acetitomaculum  
Genus III. Anaerostipes  
Genus IV. Bryantella  
Genus V. Butyrivibrio  
Genus VI. Catonella  
Genus VII. Coprococcus  
Genus VIII. Dorea  
Genus IX. Hespellia  
Genus X. Johnsonella  
Genus XI. Lachnobacterium  
Genus XII. Moryella  
Genus XIII. Oribacterium  
Genus XIV. Parasporobacterium  
Genus XV. Pseudobutyrvibrio  
Genus XVI. Roseburia  
Genus XVII. Shuttleworthia  
Genus XVIII. Sporobacterium  
Genus XIX. Syntrophococcus  
Family VI. Peptococcaceae  
Genus I. Peptococcus  
Genus II. Cryptanaerobacter  
Genus III. Dehalobacter  
Genus IV. Desulfitobacterium  
Genus V. Desulfonispora  
Genus VI. Desulfosporosinus  
Genus VII. Desulfotomaculum  
Genus VIII. Pelotomaculum  
Genus IX. Sporotomaculum  
Genus X. Syntrophobotulus  
Genus XI. Thermincola  
Family VII. Peptostreptococcaceae  
Genus I. Peptostreptococcus  
Genus II. Filifactor  
Genus III. Tepidibacter  
Family VIII. Ruminococcaceae  
Genus I. Ruminococcus  
Genus II. Acetanaerobacterium

Genus III. Acetivibrio  
Genus IV. Anaerofilum  
Genus V. Anaerotruncus  
Genus VI. Faecalibacterium  
Genus VII. Fastidiosipila  
Genus VIII. Oscillospira  
Genus IX. Papillibacter  
Genus X. Sporobacter  
Genus XI. Subdoligranulum  
Family IX. Syntrophomonadaceae  
Genus I. Syntrophomonas  
Genus II. Pelospora  
Genus III. Syntrophospora  
Genus IV. Syntrophothermus  
Genus V. Thermosyntropha  
Family X. Veillonellaceae  
Genus I. Veillonella  
Genus II. Acetonema  
Genus III. Acidaminococcus  
Genus IV. Allisonella  
Genus V. Anaeroarcus  
Genus VI. Anaeroglobus  
Genus VII. Anaeromusa  
Genus VIII. Anaerosinus  
Genus IX. Anaerovibrio  
Genus X. Centipeda  
Genus XI. Dendrosporobacter  
Genus XII. Dialister  
Genus XIII. Megasphaera  
Genus XIV. Mitsukella  
Genus XV. Pectinatus  
Genus XVI. Phascolarctobacterium  
Genus XVII. Propionispira  
Genus XVIII. Propionispora  
Genus XIX. Quinella  
Genus XX. Schwartzia  
Genus XXI. Selenomonas  
Genus XXII. Sporomusa  
Genus XXIII. Succiniclasticum  
Genus XXIV. Succinispira  
Genus XXV. Thermosinus  
Genus XXVI. Zymophilus  
Family XI. Incertae Sedis  
Genus I. Anaerococcus  
Genus II. Finegoldia  
Genus III. Gallicola

Genus IV. Helcococcus  
Genus V. Parvimonas  
Genus VI. Peptoniphilus  
Genus VII. Sedimentibacter  
Genus VIII. Soehngenia  
Genus IX. Sporanaerobacter  
Genus X. Tissierella  
Family XII. Incertae Sedis  
Genus I. Acidaminobacter  
Genus II. Fusibacter  
Genus III. Guggenheimella  
Family XIII. Incertae Sedis  
Genus I. Anaerovorax  
Genus II. Mogibacterium  
Family XIV. Incertae Sedis  
Genus I. Anaerobranca  
Family XV. Incertae Sedis  
Genus I. Aminobacterium  
Genus II. Aminomonas  
Genus III. Anaerobaculum  
Genus IV. Dethiosulfovibrio  
Genus V. Thermanaerovibrio  
Family XVI. Incertae Sedis  
Genus I. Carboxydocella  
Family XVII. Incertae Sedis  
Genus I. Sulfobacillus  
Genus II. Thermaerobacter  
Family XVIII. Incertae Sedis  
Genus I. Symbiobacterium  
Family XIX. Incertae Sedis  
Genus I. Acetoanaerobium  
Order II. Halanaerobiales  
Family I. Halanaerobiaceae  
Genus I. Halanaerobium  
Genus II. Halocella  
Genus III. Halothermothrix  
Family II. Halobacteroidaceae  
Genus I. Halobacteroides  
Genus II. Acetohalobium  
Genus III. Halanaerobacter  
Genus IV. Halonatronum  
Genus V. Natroniella  
Genus VI. Orenia  
Genus VII. Selenihalanaerobacter  
Genus VIII. Sporohalobacter  
Order III. Thermoanaerobacterales

Family I. Thermoanaerobacteraceae

Genus I. Thermoanaerobacter

Genus II. Ammonifex

Genus III. Caldanaerobacter

Genus IV. Carboxydothermus

Genus V. Gelria

Genus VI. Moorella

Genus VII. Thermacetogenium

Genus VIII. Thermanaeromonas

Family II. Thermodesulfobiaceae

Genus I. Thermodesulfobium

Genus II. Coprothermobacter

Family III. Incertae Sedis

Genus I. Caldicellulosiruptor

Genus II. Thermoanaerobacterium

Genus III. Thermosediminibacter

Genus IV. Thermovenabulum

Family IV. Incertae Sedis

Genus I. Mahella

Class III. Erysipelotrichi

Order I. Erysipelotrichales

Family I. Erysipelotrichaceae

Genus I. Erysipelothrix

Genus II. Allobaculum

Genus III. Bulleidia

Genus IV. Catenibacterium

Genus V. Coprobacillus

Genus VI. Holdemania

Genus VII. Solobacterium

Genus VIII. Turicibacter

Validly Published Names, Conserved and Rejected Names, and Taxonomic Opinions  
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