

The Taxonomicon

Systema Naturae 2000

Classification of
Domain *Bacteria*
(prokaryotes)
down to Phylum

Compiled by Drs. S.J. Brands
Universal Taxonomic Services

6 Nov 2017

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- Domain Bacteria -

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- 8.1.2.1.2.1.1 Candidate phylum *Omnitrophica* (*OP3*) Rinke et al. 2013
 - 8.1.2.1.2.1.2 Candidate phylum "*Uncultured Bacterial Phylum 3* (*UBP3*)" Parks et al. 2017
 - 8.1.2.1.2.2 Candidate phylum "*Uncultured Bacterial Phylum 4* (*UBP4*)" Parks et al. 2017
 - 8.1.2.2.1 Candidate phylum *Poribacteria* Fieseler et al. 2004
 - 8.1.2.2.2 Candidate phylum "*BRC1*"
 - 8.2.1.1.1 Superphylum *Terrabacteria* Battistuzzi et al. 2004
 - 1.1.1 Phylum *Firmicutes* corrig. Gibbons and Murray 1978 (Approved Lists 1980)
 - 1.1.2.1 Phylum *Armatimonadetes* Tamaki et al. 2011
 - 1.1.2.2 Candidate phylum "*Uncultured Bacterial Phylum 13* (*UBP13*)" Parks et al. 2017
 - 1.2.1.1 Phylum "*Actinobacteria*" Garrity and Holt 2001
 - 1.2.1.2 Phylum "*Deinococcus-Thermus*"
 - 1.2.2.1 Phylum *Chloroflexi* Garrity and Holt 2001
 - 1.2.2.2.1 Candidate phylum "*Uncultured Bacterial Phylum 9* (*UBP9/SHA-109*)" Parks et al. 2017
 - 1.2.2.2.2 Candidate phylum "*Uncultured Bacterial Phylum 12* (*UBP12*)" Parks et al. 2017
 - 2.1 Candidate phylum *Coatesbacteria* (*RIF8*) Anantharaman et al. 2016
 - 2.2.1.1 Phylum *Cyanobacteria* (ex Stanier 1974) Cavalier-Smith 2002 - cyanobacteria
 - 2.2.1.2 Candidate phylum *Melainibacteria* (*ACD20*) Wrighton et al. 2014
 - 2.2.2.1 Candidate phylum "*RBX1*"
 - 2.2.2.2 Candidate phylum "*WORI*"
 - 2.2.2.3 Candidate phylum *Margulisbacteria* (*RIF30*) Anantharaman et al. 2016
 - 8.2.1.1.2.1.1.1 Phylum *Thermotogae* Reysenbach 2001
 - 8.2.1.1.2.1.1.2 Candidate phylum *Acetothermia* (*OPI*) Rinke et al. 2013
 - 8.2.1.1.2.1.2.1 Candidate phylum *Fervidibacteria* (*Oct-Spa1-106*) Rinke et al. 2013
 - 8.2.1.1.2.1.2.2.1.1 Phylum *Caldiserica* Mori et al. 2009
 - 8.2.1.1.2.1.2.2.1.2 Phylum "*Coprothermobacteraeota*" Parks et al. 2017
 - 8.2.1.1.2.1.2.2.2 Phylum *Dictyoglomi* Patel 2012
 - 8.2.1.1.2.2.1 Phylum *Synergistetes* Jumas-Bilak et al. 2009
 - 8.2.1.1.2.2.2 Candidate phylum *Atribacteria* (*OP9*) Rinke et al. 2013
 - 8.2.1.2.1 Candidate phylum "*Uncultured Bacterial Phylum 16* (*UBP16*)" Parks et al. 2017
 - 8.2.1.2.2 Candidate phylum "*Uncultured Bacterial Phylum 15* (*UBP15*)" Parks et al. 2017
 - 8.2.2.1.1.1.1 Candidate phylum *Lambdaproteobacteria* (*RIF24*) Anantharaman et al. 2016
 - 8.2.2.1.1.1.2 Phylum "*Epsilonproteobacteria*"
 - 8.2.2.1.1.2 Phylum *Deferribacteres* Garrity and Holt 2001
 - 8.2.2.1.2.1.1.1.1 Phylum *Aquificae* Reysenbach 2001
 - 8.2.2.1.2.1.1.1.2 Candidate phylum *Calescamantes* (*EM19*) Rinke et al. 2013
 - 8.2.2.1.2.1.1.2 Candidate phylum *Fraserbacteria* (*RIF31*) Anantharaman et al. 2016
 - 8.2.2.1.2.1.2.1 Phylum *Fusobacteria* Garrity and Holt 2012
 - 8.2.2.1.2.1.2.2 Candidate phylum "*Uncultured Bacterial Phylum 6* (*UBP6*)" Parks et al. 2017
 - 8.2.2.1.2.2.1 Candidate phylum *Rifl bacteria* (*RIF32*) Anantharaman et al. 2016
 - 8.2.2.1.2.2.2 Candidate phylum *Wallbacteria* (*RIF33*) Anantharaman et al. 2016
 - 8.2.2.2.1 Phylum "*Spirochaetes*" Garrity and Holt 2001
 - 8.2.2.2.2.1.1 Candidate phylum *Lindowbacteria* (*RIF2*) Anantharaman et al. 2016
 - 8.2.2.2.2.1.2 Phylum "*Dependentiae* (*TM6*)" Yeoh et al. 2016
 - 8.2.2.2.2.1.3 Candidate phylum "*Uncultured Bacterial Phylum 8* (*UBP8*)" Parks et al. 2017
 - 8.2.2.2.2.2.1 Candidate phylum "*Uncultured Bacterial Phylum 7* (*UBP7*)" Parks et al. 2017
 - 8.2.2.2.2.2.2.1 "*Candidate Phyla Radiation* (*CPR*)" Brown et al. 2015
 - 1.1 Candidate phylum *Dojkabacteria* (*WS6*) Wrighton et al. 2016
 - 1.2.1.1.1 Candidate phylum "*CPR3*" Brown et al. 2015
 - 1.2.1.1.2 Candidate phylum *Woykebacteria* (*RIF34*) Anantharaman et al. 2016
 - 1.2.1.2.1 Candidate phylum "*CPRI*" Brown et al. 2015
 - 1.2.1.2.2 Candidate superphylum *Microgenomates* (*OPI1*) Brown et al. 2015
 - 1.1 Candidate phylum *Daviesbacteria* Brown et al. 2015
 - 1.2 Candidate phylum *Curtissbacteria* Brown et al. 2015
 - 2.1.1.1 Candidate phylum *Shapirobacteria* Brown et al. 2015
 - 2.1.1.2.1 Candidate phylum *Amesbacteria* Brown et al. 2015
 - 2.1.1.2.2.1 Candidate phylum *Blackburnbacteria* (*RIF35*) Anantharaman et al. 2016
 - 2.1.1.2.2.2 Candidate phylum *Woesebacteria* Brown et al. 2015
 - 2.1.2.1 Candidate phylum *Beckwithbacteria* Brown et al. 2015
 - 2.1.2.2.1 Candidate phylum *Chisholmbacteria* (*RIF36*) Anantharaman et al. 2016
 - 2.1.2.2.2.1 Candidate phylum *Pacebacteria* Brown et al. 2015
 - 2.1.2.2.2.2 Candidate phylum *Collierbacteria* Brown et al. 2015
 - 2.2.1 Candidate phylum *Roizmanbacteria* Brown et al. 2015
 - 2.2.2.1 Candidate phylum *Gottesmanbacteria* Brown et al. 2015
 - 2.2.2.2 Candidate phylum *Levybacteria* Brown et al. 2015
 - 1.2.2 Candidate phylum *Katanobacteria* (*WWE3*) Hug et al. 2016
 - 2.1.1.1.1 Candidate phylum *Abawacabacteria* (*RIF46*) Anantharaman et al. 2016
 - 2.1.1.1.2.1.1 Candidate phylum *Absconditabacteria* (*SRI*) Hug et al. 2016
 - 2.1.1.1.2.1.2 Candidate phylum *Gracilibacteria* (*GN02 / BDI-5*) Rinke et al. 2013
 - 2.1.1.1.2.2 Candidate phylum *Peregrinibacteria* (*PER*) Brown et al. 2015
 - 2.1.1.2 Candidate superphylum *Parcubacteria* (*OD1*) Brown et al. 2015
 - 1.1 Candidate phylum *Doudnabacteria* (*SM2F11*) Anantharaman et al. 2016
 - 1.2.1 Candidate phylum *Kerfeldbacteria* (*RIF4*) Anantharaman et al. 2016

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- 1.2.2.1.1 Candidate phylum *Komeilibacteria* (RIF6) Anantharaman et al. 2016
- 1.2.2.1.2.1 Candidate phylum *Jacksonbacteria* (RIF38) Anantharaman et al. 2016
- 1.2.2.1.2.2 Candidate phylum *Veblenbacteria* (RIF39) Anantharaman et al. 2016
- 1.2.2.2.1 Candidate phylum *Kuennenbacteria* Brown et al. 2015
- 1.2.2.2.2.1.1 Candidate phylum *Buchananbacteria* (RIF37) Anantharaman et al. 2016
- 1.2.2.2.2.1.2 Candidate phylum *Falkowbacteria* Brown et al. 2015
- 1.2.2.2.2.2.1 Candidate phylum *Magasanikbacteria* Brown et al. 2015
- 1.2.2.2.2.2.2 Candidate phylum *Uhrbacteria* Brown et al. 2015
- 2.1 Candidate phylum *Andersenbacteria* (RIF9) Anantharaman et al. 2016
- 2.2.1.1 Candidate phylum *Yanofskybacteria* Brown et al. 2015
- 2.2.1.2.1.1 Candidate phylum *Azambacteria-i* Brown et al. 2015
- 2.2.1.2.1.2.1.1 Candidate phylum "*Azambacteria-ii*"
- 2.2.1.2.1.2.1.1.1.1 Candidate phylum *Ryanbacteria* (RIF10) Anantharaman et al. 2016
- 2.2.1.2.1.2.1.1.1.2.1 Candidate phylum *Giovannonibacteria* Brown et al. 2015
- 2.2.1.2.1.2.1.1.2.2.1 Candidate phylum *Niyogibacteria* (RIF11) Anantharaman et al. 2016
- 2.2.1.2.1.2.1.1.2.2.2.1 Candidate phylum *Tagabacteria* (RIF12) Anantharaman et al. 2016
- 2.2.1.2.1.2.1.1.2.2.2.2.1 Candidate phylum *Vogelbacteria* (RIF14) Anantharaman et al. 2016
- 2.2.1.2.1.2.1.1.2.2.2.2.1.1.1 Candidate phylum *Adlerbacteria* Brown et al. 2015
- 2.2.1.2.1.2.1.1.2.2.2.2.1.1.2.1 Candidatus *Sonnebornia yantaiensis* Gong et al. 2014
- 2.2.1.2.1.2.1.1.2.2.2.2.1.1.2.2.1 Candidate phylum *Kaiserbacteria* Brown et al. 2015
- 2.2.1.2.1.2.1.1.2.2.2.2.1.2.1 Candidate phylum *Campbellbacteria* Brown et al. 2015
- 2.2.1.2.1.2.1.1.2.2.2.2.1.2.2.1 Candidate phylum *Zambryskibacteria* (RIF15) Anantharaman et al. 2016
- 2.2.1.2.1.2.1.1.2.2.2.2.1.2.2.2 Candidate phylum *Taylorbacteria* (RIF16) Anantharaman et al. 2016
- 2.2.1.2.1.2.1.1.2.2.2.2.2.1 Candidate phylum *Nomurabacteria* Brown et al. 2015
- 2.2.1.2.1.2.1.1.2.2.2.2.2.2.1 Candidate phylum *Yonathbacteria* (RIF44) Anantharaman et al. 2016
- 2.2.1.2.1.2.1.1.2.2.2.2.2.2.2 Candidate phylum *Lloydbacteria* (RIF45) Anantharaman et al. 2016
- 2.2.1.2.1.2.1.2.1 Candidate phylum *Sungbacteria* (RIF17) Anantharaman et al. 2016
- 2.2.1.2.1.2.1.2.2.1 Candidate phylum *Brennerbacteria* (RIF18) Anantharaman et al. 2016
- 2.2.1.2.1.2.1.2.2.2.1 Candidate phylum *Jorgensenbacteria* Brown et al. 2015
- 2.2.1.2.1.2.1.2.2.2.2.1 Candidate phylum *Wolfbacteria* Brown et al. 2015
- 2.2.1.2.1.2.1.2.2.2.2.2.1 Candidate phylum *Colwellbacteria* (RIF41) Anantharaman et al. 2016
- 2.2.1.2.1.2.1.2.2.2.2.2.2.1 Candidate phylum *Liptonbacteria* (RIF42) Anantharaman et al. 2016
- 2.2.1.2.1.2.1.2.2.2.2.2.2.2 Candidate phylum *Harrisonbacteria* (RIF43) Anantharaman et al. 2016
- 2.2.1.2.1.2.2 Candidate phylum *Terrybacteria* (RIF13) Anantharaman et al. 2016
- 2.2.1.2.2.1.1 Candidate phylum *Spechtbacteria* (RIF19) Anantharaman et al. 2016
- 2.2.1.2.2.1.2.1 Candidate phylum *Staskawiczbacteria* (RIF20) Anantharaman et al. 2016
- 2.2.1.2.2.1.2.2.1 Candidate phylum *Wildermuthbacteria* (RIF21) Anantharaman et al. 2016
- 2.2.1.2.2.1.2.2.2 Candidate phylum *Nealsonbacteria* (RIF40) Anantharaman et al. 2016
- 2.2.1.2.2.2 Candidate phylum *Portnoybacteria* (RIF22) Anantharaman et al. 2016
- 2.2.2 Candidate phylum *Moranbacteria* (ODI-i) Brown et al. 2015
- 2.1.2.1 Candidate phylum "*KAZAN*"
- 2.1.2.2 Candidate phylum *Berkelbacteria* (ACD58) Wrighton et al. 2014
- 2.2.1 Candidate phylum "*CPR2*" Brown et al. 2015
- 2.2.2 Candidate phylum *Saccharibacteria* (TM7) Albertsen et al. 2013
- 8.2.2.2.2.2.2.2 Candidate phylum *Wirthbacteria* Probst et al. 2017

Citation: Brands, S.J. (ed.), 2017. Classification of Domain *Bacteria* (prokaryotes) down to Phylum. In *Systema Naturae 2000. The Taxonomicon*. Universal Taxonomic Services, Zwaag, The Netherlands, 6 Nov 2017. <<http://taxonomicon.taxonomy.nl/TaxonTree.aspx?src=0&id=71320>>

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