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STATUS OF NAMES OF BACTERIAL TAXA NOT EVALUATED
IN INDEX BERGEYANA (1966)¹

Addendum II. Acetobacter to Butyrivibrio²

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ABSTRACT. Addendum II is the second in a series of published lists of names of bacterial taxa assembled in the continual assessment of the status of new and older names, as a requirement for keeping the Index Bergeyana (1966) current.

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The validity of publication and legitimacy of the name of each taxon was determined in accordance with the Principles, Rules and Provisions of the International Code of Nomenclature of Bacteria (1966) and by the application of Opinions of the Judicial Commission approved by International agreement. In this regard the full extent of Opinion A, the requirement for rejection from the genus Bacillus of names of species which do not produce endospores, has been used for the first time. The information for each taxon follows the pattern outlined in the Introduction of the Index Bergeyana and in Addendum I (Hatt and Zvirbulis 1967).

The reader should note the following bibliographic abbreviations:

1. Ind. Berg.: Buchanan, R. E., J. G. Holt and E. F. Lessel, Jr. (1966) Index Bergeyana, An Annotated Listing of Names of the Taxa of Bacteria. Williams and Wilkins, Baltimore. pp. 3-1472
2. Opin. A.: Opinions issued by the International Committee on Bacteriological Nomenclature in 1936. International Code of Nomenclature of Bacteria and Viruses. 1958 ed., p. 148. Iowa State University Press, Ames, Iowa.
3. Addendum I.: Hatt, H. D. and E. Zvirbulis (1967). Status of names of bacterial taxa not evaluated in Index Bergeyana (1966). Int. J. Syst. Bact. 17(2):171-225.

In some cases the reference "q.v." has been applied to an objective synonym which appears later in the alphabet than the letter "B." The authors apologize for this inconvenience, but the list because of its length must be published in sections.

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ADDENDUM TO INDEX BERGEYANA
II. ACETOBACTER to BUTYRIVIBRIO

- ACETOBACTER Janke 1930, 490. Sect.
Sch. Val. Pub. Leg. Section 5 of
subgenus Trichobacterium Janke 1930,
490.
- A. aceti var. agile (sic) (Beijerinck) Asai
1968, 92. Var. Sch. Val. Pub. Leg.
Bacterium aceti var. agile Beijerinck
1898, 216.
Source: Vinegar.
- A. aceti var. albuminosum (sic) (Lind-
ner) Asai 1968, 91. Var. Sch. Val. Pub.
Leg. Bacterium aceti var. albuminosum
Lindner 1895, 267. Ind. Berg. 295. q.v.
- A. aceti var. friabile (sic) (Lindner)
Asai 1968, 91. Var. Sch. Val. Pub.
Leg. Bacterium aceti var. friabile
Lindner 1895, 267. Ind. Berg. 295. q.v.
- A. aceti var. industrius (sic) Krasil'nikov
1949, 418. Var. Sch. Val. Pub. Leg.
Acetobacter industrius (Henneberg)
Bergey et al., 1923, 36. Ind. Berg. 5.
q.v.
- A. aceti var. pasteurianum (sic) Krasil'
nikov 1949, 418. Var. Sch. Val. Pub.
Leg. Acetobacter pasteurianum
(sic) Beijerinck 1916, 1199. Ind. Berg.
6. q.v.
- A. aceti var. plicatum (sic) Krasil'ni-
kov 1949, 418. Var. Sch. Val. Pub;
Leg. Acetobacter plicatum (sic)
Fuhrmann 1905, 8. Ind. Berg. 7. q.v.
- A. aceti var. rancens Krasil'nikov 1949,
418. Var. Sch. Val. Pub. Leg.
Acetobacter rancens (Beijerinck)
Kelly 1939, 227. Ind. Berg. 7. q.v.
- A. acetosum var. tanezu (sic) (Taka-
hashi) Asai 1968, 93. Var. Sch. Val.
Pub. Leg. Bacterium acetosum var.
tanezu Takahashi 1909, 109. Ind.
Berg. 296. q.v.
- A. acidi oxalici (Banning) Asai 1968, 92.
Sp. Sch. Val. Pub. Leg. Bacterium
acidi oxalici Banning 1902, 396.
Ind. Berg. 296. q.v.
- A. albidus Kondô and Ameyama 1958,
370. Sp. Sch. Val. Pub. Leg.
Source: Dahlia coccinea Cav.
- A. albuminosum (sic) (Lindner)
Janke 1957, 732. Sp. Sch. Val.
Pub. Leg. Bacterium albuminosum
Lindner 1905, 501. Ind. Berg. 299
q.v.
- A. ascendens var. tanezu (Takahashi)
Asai 1968, 93. Var. Sch. Val.
Pub. Leg. Bacterium ascendens
var. tanezu Takahashi 1909, 104.
Ind. Berg. 305. q.v.
- A. aurantium (sic) Kondô and Ameya-
ma 1958, 370. Sp. Sch. Val. Pub.
Leg.
Source: Lilium aurantium Lindl.
- A. aurantium α (sic) Ameyama and
Kondô 1967, 724. Sp. Sch. Not
Val. Pub. 14a(1).
Source: Rose hybrida Hort.
- A. aurantium β (sic) Ameyama and
Kondô 1967, 724. Sp. Sch. Not
Val. Pub. 14a(1).
Source: Crocus sativus L.
- A. aurantium γ (sic) Ameyama and
Kondô 1967, 724. Sp. Sch. Not
Val. Pub. 14a(1).
Source: Adenophora triphylla A.
- A. bordeaux Janke 1957, 732. Sp.
Sch. Val. Pub. Leg. Le bactérie
acétifiante du vin de Bordeaux,
Québé 1931, 445.
Source: Wine.
Québé (1931, 445) states: "Cette
bactérie se rapproche beaucoup
de B. acetigenum Henneberg."
- A. cerinus (Asai) Kondô and Ameyama
1958, 370. Sp. Sch. Val. Pub.
Leg. Gluconobacter cerinus
(Asai) Asai and Shoda 1958, 291.
Ind. Berg. 593. q.v.
- A. cerinus var. ammoniacus (Asai)
Kondô and Ameyama in Ameyama
and Kondô 1967, 725. Var. Sch.
Val. Pub. Leg. Gluconoacetobac-
ter cerinus var. ammoniacus Asai
1935, 618. Ind. Berg. 592. q.v.
- A. cerinus var. rosiensis (Mehlman)
De Ley 1961, 34. Var. Sch. Val.
Pub. Leg. Gluconobacter cerinus
var. rosiensis Mehlman acc. to
De Ley 1961, 34.

- A. dihydroaceticum (sic) (Virtanen and Bärlund) Janke 1957, 732. Sp. Sch. Val. Pub. Leg. Bacterium dihydroxyaceticum Virtanen and Bärlund 1926, 170. Ind. Berg. 326. q.v.
- A. dioxyaceticum (sic) Frateur, Simonart and Coulon 1954, 120. Sp. Sch. Not Val. Pub. 14a(2).
- A. dioxyaceticum var. pectinatum (sic) Frateur, Simonart and Coulon 1954, 120. Var. Sch. Not Val. Pub. 14b(2).
- A. dioxyaceticus (Asai) Kondô and Ameyama 1958, 370. Sp. Sch. Val. Pub. Leg. Acetogluconobacter dioxyaceticus Asai 1935, 510. Ind. Berg. 9. q.v.
- A. friabile (sic) (Lindner) Asai 1968, 91. Sp. Sch. Val. Pub. Leg. Bacterium friabile Lindner 1905, 501. Ind. Berg. 334. q.v.
- A. intermedius Asai 1968, 83. Sp. Sch. Val. Pub. Leg. "Intermediate" strain IAM 1834, Asai, Iizuka and Komagata 1964, 124. Mutant strains of acetic acid bacteria.
- A. ketogenum (sic) Utkin 1937, 432. Sp. Sch. Val. Pub. Leg. Source: Tea kvass (fermented drink "kombucha").
- A. melanogenum var. hoshigaki (sic) Krasil'nikov 1949, 419. Var. Sch. Val. Pub. Leg. Acetobacter hoshigaki Bergey et al. 1934, 39. Ind. Berg. 5. q.v.
- A. melanogenum var. orleanense (sic) Krasil'nikov 1949, 419. Var. Sch. Val. Pub. Leg. Acetobacter orleanense (sic) (Henneberg) Frateur 1950, 315. Ind. Berg. 6. q.v.
- A. melanogenum var. zeidlerii (sic) Krasil'nikov 1949, 419. Var. Sch. Val. Pub. Leg. Bacillus zeidlerii Migula 1900, 801. Ind. Berg. 290. q.v.
- A. mesoxydans var. vini Frateur, Simonart and Coulon 1954, 119. Var. Sch. Not. Val. Pub. 14b(2). Acetobacter mesoxydans vini Leifson 1954, 103. q.v.
- A. mesoxydans vini Leifson 1954, 103. Sp. Sch. Not. Val. Pub. 12b. Acetobacter mesoxydans var. vini Frateur 1954, 119. Leifson (1954, 102, 103) states that all of the cultures studied were received from outside sources and were regarded by the donors as typical species of Acetobacter.
- A. mucosum (sic) Frateur, Simonart and Coulon 1954, 118. Sp. Sch. Not Val. Pub. 14a(2).
- A. nonoxygluconicum (sic) (Asai) Kondô and Ameyama in Ameyama and Kondô 1967, 725. Sp. Sch. Val. Pub. Leg. Gluconoacetobacter nonoxygluconicus Asai 1935, 676. Ind. Berg. 592. q.v.
- A. operans Shimwell 1957, in Asai 1968, 97. Sp. Sch. Not Val. Pub. 11. Original reference to Shimwell, J. L. British Pat. 781, 584 (1957) not seen.
- A. pasteurianum var. agile (sic) (Hoyer) Asai 1968, 92. Var. Sch. Val. Pub. Leg. Bacterium pasteurianum var. agile Hoyer 1898, 16. Ind. Berg. 368. q.v.
- A. pasteurianum var. colorium (sic) (Beijerinck) Asai 1968, 91. Var. Sch. Val. Pub. Leg. Bacterium pasteurianum var. colorium Beijerinck 1898, 214. Ind. Berg. 368. q.v.
- A. pasteurianum var. variabile (sic) (Hoyer) Asai 1968, 92. Var. Sch. Val. Pub. Leg. Bacterium pasteurianum var. variabile Hoyer 1898, 14. Ind. Berg. 368. q.v.
- A. rancens var. agile (sic) (Hoyer) Asai 1968, 92. Var. Sch. Val. Pub. Leg. Bacterium rancens var. agile Hoyer 1898, 11. Ind. Berg. 379. q.v.
- A. rancens var. celiae (Hoyer) Asai 1968, 92. Var. Sch. Val. Pub. Leg. Bacterium rancens var. celiae Hoyer 1898, 10. Ind. Berg. 379. q.v.
- A. rancens var. muciparum (sic) (Hoyer) Asai 1968, 92. Var. Sch. Val. Pub. Leg. Bacterium rancens var. muciparum Hoyer 1898, 12. Ind. Berg. 379. q.v.
- A. rancens var. zythii (Hoyer) Janke 1957, 733. Var. Sch. Val. Pub. Leg. Bacterium rancens var. zythii Hoyer 1898, 10. Ind. Berg. 379. q.v.

- A. rubiginosis Kondô and Ameyama 1958, 369. Sp. Sch. Val. Pub. Leg.
Source: Eritotrya japonica Lindl.
- A. suboxydans var. a Kondô and Ameyama 1958, 370. Var. Sch. Val. Pub. Illeg. 25b. (Annot.)
Source: Fragaria chiloensis Duch.
- A. transcapsulatum (sic) Frateur, Simonart and Goufon 1954, 119. Sp. Sch. Not Val. Pub. 14a(2).
- A. xylinoides var. tanezu (Takahashi) Asai 1968, 93. Var. Sch. Val. Pub. Leg. Bacterium xylinoides var. tanezu Takahashi 1909, 129.
Source: Saké - Japanese beverage.
- ACETOBACTERIEAE** (sic) Prévot, 1948, 19. Tribe Sch. Val. Pub. Illeg. 24a. Acetobacteriae Pribram 1929, 372. Ind. Berg. 8. q.v.
- ACHROMOBACTER** halestorgus (Elazari-Volcani) Prévot 1961, 148. Sp. Sch. Val. Pub. Leg. Pseudomonas halestorga Elazari-Volcani 1940, 82. Ind. Berg. 868. q.v.
- A. immobilis Müller 1961, 528. Sp. Sch. Val. Pub. Leg.
Source: Pilzfutter (Futterverpilzung durch Selbsterhitzung.)
- A. lwoffii var. glucidolytica (sic) (Piéchaud, Piéchaud and Second) Bourlat 1953, 21. Var. Sch. Val. Pub. Leg. Moraxella lwoffii var. glucidolytica Piéchaud et al. 1951, 99. Moraxella glucidolytica Brisou and Morichau-Beauchant 1952, 612.
Source: Human conjunctivitis, otitis, cystitis, abscesses.
- A. mariense (sic) Prévot 1961, 151. Sp. Sch. Not Val. Pub. 14a(2).
- ACHROONEMA** angustum (Koppe) Skuja 1956, 84. Sp. Sch. Val. Pub. Leg. Oscillatoria angusta Koppe 1924, 641. Source: Lake Constance (Bodensee).
- A. articulatum Skuja 1956, 89. Sp. Sch. Val. Pub. Leg.
Source: Lake Laksjön, Sweden.
- A. gotlandicum Skuja 1956, 88. Sp. Sch. Val. Pub. Leg.
Source: Water near Gotland, an island in Baltic Sea.
- A. inaequale Skuja 1956, 86. Sp. Sch. Val. Pub. Leg.
Source: Lake Norrviken, Sweden.
- A. lentum Skuja 1956, 85. Sp. Sch. Val. Pub. Leg.
Source: Lake Lushavet, Sweden.
- A. macromeres Skuja 1956, 90. Sp. Sch. Val. Pub. Leg.
Source: Lake Hallaren, Sweden.
- A. protsiforme Skuja 1956, 84. Sp. Sch. Val. Pub. Leg.
Source: Lake Gårdelfjärden, Sweden.
- A. simplex Skuja 1956, 85. Sp. Sch. Val. Pub. Leg.
Source: Lake Norrviken, Sweden.
- A. splendens Skuja 1956, 88. Sp. Sch. Val. Pub. Leg.
Source: City Park in Uppsala, Sweden.
- A. splendens fa. tenuior Skuja 1956, 88. Forma Sch.
Source: City Park in Uppsala, Sweden.
- A. sporogenum Skuja 1956, 87. Sp. Sch. Val. Pub. Leg.
Source: Mārupite Brook in Latvia, near Riga.
- ACINETOBACTER** candicans (Frankland and Frankland) Prévot 1961, 159. Sp. Sch. Val. Pub. Leg. Achromobacter candicans (Frankland and Frankland) Bergey et al. 1923, 149. Ind. Berg. 12. q.v.
- A. parvulus (Conn) Prévot 1961, 162. Sp. Sch. Val. Pub. Leg. Achromobacter parvulus (Conn) Breed 1957, 309. Ind. Berg. 16. q.v.
- A. pfaffii (Hadley, Elkins and Cadwell) Prévot 1961, 163. Sp. Sch. Val. Pub. Leg. Shigella pfaffii (Hadley et al.) Weldin 1927, 180. Ind. Berg. 1019. q.v.
- A. viscolactis (Mez) Prévot 1961, 163. Sp. Sch. Val. Pub. Leg. Alcaligenes viscolactis (Mez) Breed 1957, 298. Ind. Berg. 81. q.v.
- ACTINOBACTERIUM** ericksonii (Georg, Robertstad, Brinckman and Hicklin) Prévot, Turpin and Kaiser 1967, 1833. Sp. Sch. Val. Pub. Leg. Actinomyces ericksonii Georg, Robertstad, Brinckman and Hicklin 1965, 94. q.v.

- A. genitilis Prévot, Turpin and Kaiser 1967, 1832. Sp. Sch. Val. Pub. Leg. Actinomyces n. sp., Bousseau 1953, 67. Source: Genital tract of a woman.
- A. israeli (Kruse) Sampietro 1908, 408. Sp. Sch. Val. Pub. Leg. Actinomyces israeli (Kruse) Lachner-Sandoval 1898, 64. Ind. Berg. 47. q.v. Type sp. of Actinobacterium Sampietro 1908, 408.
- ACTINOMYCES afghaniensis (Shimo, Shiga, Tomosugi and Kamoi) Preobrazhenskaya 1966, 883. Sp. Sch. Val. Pub. Leg. Streptomyces afghaniensis Shimo et al. 1959, 1. Ind. Berg. 1093. q.v.
- A. agglomeratus Yen 1957, 208. Sp. Sch. Val. Pub. Leg. Source: Soil near Peking, China.
- A. albido-fuscus Berestnev 1897, 127. Sp. Sch. Val. Pub. Leg. Source: Dry forage (grain).
- A. albobelvatus Krasil'nikov, Korenyako and Nikitina in Krasil'nikov 1965, 228. Sp. Sch. Val. Pub. Leg. Source: Soil.
- A. albus var. brunseomycini Kudrina, Ol'khovatova, Murav'yeva and Gauze 1966, 403. Var. Sch. Val. Pub. Leg. Source: Soil.
- A. albus var. fungatus Solov'yeva and Rudaya 1959, 8. Var. Sch. Val. Pub. Leg. Source: Sierozem, gray desert soil from Middle Asia.
- A. albus subsp. odorifer (Rullmann) Krasil'nikov 1941, 41. Subsp. Sch. Val. Pub. Leg. Streptomyces odorifer (Rullmann) Waksman and Lechevalier 1953, 79. Ind. Berg. 1115. q.v.
- A. amakusaensis (sic) (Nagatsu, Ansai, Ohkuma and Suzuki) Preobrazhenskaya 1966, 853. Sp. Sch. Val. Pub. Leg. Streptomyces amakusaensis Nagatsu et al. 1963, 209. Addendum I, Ind. Berg. 1967, 201. q.v.
- A. ansochromogenes Yen and Zhang 1964, 264. Sp. Sch. Val. Pub. Leg. Source: Soil from China.
- A. ansochromogenes var. pallens Yen and Zhang 1964, 264. Var. Sch. Val. Pub. Leg. Source: Soil from China.
- A. anthocyanicus Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 118. Sp. Sch. Val. Pub. Leg. Source: Soil.
- A. antibioticus actinomycini Kharatyan 1962, 241. Sp. Sch. Not. Val. Pub. 14a(1). Streptomyces antibioticus (Waksman and Woodruff) Waksman and Henrici 1948, 942. Ind. Berg. 1095. q.v.
- A. antibioticus oleandomycini Kharatyan 1962, 241. Sp. Sch. Not. Val. Pub. 14a(1). Source: Strain obtained from All-Union Institute of Scientific Research of Antibiotics, Moscow.
- A. aquatilis Salimovskaya 1928, 33. Sp. Sch. Val. Pub. Leg. Source: Silt from the Lake Mahaga near Novgorod, USSR.
- A. aromaticus Pribram 1919, 56. Sp. Sch. Val. Pub. Illeg. 24b. Nocardia cinereonigra Chalmers and Christopherson 1916, 271. Ind. Berg. 757. q.v.
- A. ashchabadicus Preobrazhenskaya 1966, 857. Sp. Sch. Val. Pub. Leg. Source: Soil.
- A. atrocyaneus Yen and Chou 1964, 428. Sp. Sch. Val. Pub. Leg. Source: Forest soil.
- A. atrolaccus Yen 1957, 171. Sp. Sch. Val. Pub. Leg.
- A. atroolivaceus var. mutomycini Gauze, Maksimova, Popova, Brazhnikova, Uspenskaya and Rossolimo 1959, 21. Var. Sch. Val. Pub. Leg. Source: Soil.
- A. aurantiacogriseus Yen 1957, 209. Sp. Sch. Val. Pub. Leg. Source: Soil near Peking.
- A. aureocirculatus Krasil'nikov and Yuan in Krasil'nikov 1965, 48. Sp. Sch. Val. Pub. Leg. Source: Soil.
- A. aureofaciens var. oxytetracyclini Preobrazhenskaya, Bobkova, Gavrilina, Lavrova and Konstantinova. 1961, 679. Var. Sch. Val. Pub. Leg. Source: Soil.

- A. aureofasciculus Krasil'nikov and Yuan in Krasil'nikov 1965, 54. Sp. Sch. Val. Pub. Leg.
Source: Soils from SSSR.
- A. aureomonopodiales (sic) Krasil'nikov and Yuan in Krasil'nikov 1965, 43. Sp. Sch. Val. Pub. Leg.
Source: Red soil from Caucasus, sierozem from Middle Asia, chernozem USSR, podzol from district of Moscow.
- A. aurigineus Krasil'nikov, Korenyako and Nikitina in Krasil'nikov 1956, 220. Sp. Sch. Val. Pub., Leg.
Source: Soil.
- A. bambergiensis 1964 in Preobrazhenskaya 1966, 858. Sp. Sch. Val. Pub. Leg.
Author's reference: Brit. Patent No. 977, 1964, 327 not seen.
- A. bellus (Margalith and Beretta) Preobrazhenskaya 1966, 855. Sp. Sch. Val. Pub. Leg. Streptomyces bellus Margalith and Beretta 1960, 193. Ind. Berg. 1096. q.v.
- A. bluensis var. bluensis (Mason, Dietz and Hanka) Preobrazhenskaya 1966, 858. Var. Sch. Val. Pub. Leg. Streptomyces bluensis var. bluensis Mason et al. 1963, 608. Addendum I Ind. Berg. 1967, 201.
- A. bovis var. almquisti Krasil'nikov 1949, 93. Var. Sch. Val. Pub. Leg. Actinomyces almquisti Duché 1934, 278. Ind. Berg. 28. q.v.
- A. bovis var. anaerobies (sic) Krasil'nikov 1949, 92. Var. Sch. Val. Pub. Leg. Actinomyces anaerobies (sic) (Sartory) Dodge 1935, 717. Ind. Berg. 28. q.v.
- A. bovis var. catarrhalis Krasil'nikov 1949, 92. Var. Sch. Val. Pub. Leg. Nocardia catarrhalis (Sartory and Bailly) Müller 1950, 294. Ind. Berg. 756. q.v.
- A. bovis var. cruoris Krasil'nikov 1949, 92. Var. Sch. Val. Pub. Leg. Nocardia cruoris Macfie and Ingram 1921, 285. Ind. Berg. 758. q.v.
- A. bovis var. discofoliatus Krasil'nikov 1949, 91. Var. Sch. Val. Pub. Leg. Actinomyces discofoliatus Grütter 1933, 510. Ind. Berg. 38. q.v.
- A. bovis var. foersteri (sic) Krasil'nikov 1949, 93. Var. Sch. Val. Pub. Leg. Actinomyces foersteri (Cohn) Gasperini 1894, 86. Ind. Berg. 41. q.v.
- A. bovis var. foulertoni Krasil'nikov 1949, 93. Var. Sch. Val. Pub. Leg. 24b. Nocardia hominis (Foulerton) Castellani and Chalmers 1913, 819. Ind. Berg. 761. q.v.
- A. bovis var. londinensis Krasil'nikov 1949, 93. Var. Sch. Val. Pub. Leg. Nocardia londinensis Chalmers and Christopherson 1916, 256. Ind. Berg. 763. q.v.
- A. bovis var. mexicanus Krasil'nikov 1949, 92. Var. Sch. Val. Pub. Leg. Actinomyces mexicana (sic) Boyd and Crutchfield 1921, 282. Ind. Berg. 50. q.v.
- A. bovis var. minimus Krasil'nikov 1949, 92. Var. Sch. Val. Pub. Leg. Trichophyton minimum Le Galvé and Malherbe 1899, 218. Ind. Berg. 1165. q.v.
- A. bovis var. pijperi Krasil'nikov 1949, 92. Var. Sch. Val. Pub. Leg. Nocardia pijperi Castellani and Chalmers 1919, 1060. Ind. Berg. 765. q.v.
- A. bovis var. pulmonalis Krasil'nikova 1949, 93. Var. Sch. Val. Pub. Leg. Nocardia pulmonalis (Roger) et al. Castellani and Chalmers 1913, 817. Ind. Berg. 766. q.v.
- A. bovis var. thjoettae Krasil'nikov 1949, 91. Var. Sch. Val. Pub. Leg. Actinomyces thjoettae Dodge 1935, 713. Ind. Berg. 63. q.v.
- A. caelestis (De Boer, Dietz, Wilkins, Lewis and Savage) Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov, 1965, 120. Sp. Sch. Val. Pub. Leg. Streptomyces caelestis De Boer, Dietz, Wilkins, Lewis and Savage 1955, 831. Ind. Berg. 1097. q.v.
- A. caesius Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 107. Sp. Sch. Val. Pub. Leg.
Source: Soil.
- A. candidus var. citreus Yen and Chou 1964, 431. Var. Sch. Val. Pub. Leg.
Source: Forest soil.

- A. candidus var. griseolus Krasil'nikov 1941, 50. Var. Sch. Val. Pub. Leg. Streptomyces griseolus (Waksman) Waksman and Henrici 1948, 938. Ind. Berg. 1108. q.v.
- A. castaneoglobisporus Yen 1957, 208. Sp. Sch. Val. Pub. Leg. Source: Soil near Peking.
- A. cellulitis Lattes, Giraldy, Rousseau, Prévost and Linhard 1949, 539. Sp. Sch. Not Val. Pub. 12c(3). Actinobacterium cellulitis Linhard 1949, 478. Ind. Berg. 24. q.v.
- A. cellulitis (Linhard) Waksman 1961, 15. Sp. Sch. Val. Pub. Leg. Actinobacterium cellulitis Linhard 1949, 478. Ind. Berg. 24. q.v.
- A. chartreusis (Leach, Cathoun, Johnson, Teeters and Jackson) Preobrazhenskaya 1966, 852. Sp. Sch. Val. Pub. Leg. Streptomyces chartreusis Leach et al. 1953, 4011. Ind. Berg. 1098. q.v.
- A. chlorobiens Krasil'nikov and Yegorova in Krasil'nikov 1965, 194. Sp. Sch. Val. Pub. Leg. Source: Soil.
- A. chromogenes var. olivochromogenes Krasil'nikov 1949, 107. Var. Sch. Val. Pub. Leg. Streptomyces olivochromogenes (Bergey et al.) Waksman and Henrici 1948, 941. Ind. Berg. 1116. q.v.
- A. chryseus Krasil'nikov, Korenyako and Nikitina in Krasil'nikov 1965, 227. Sp. Sch. Val. Pub. Leg. Source: Soil.
- A. circulatus var. monomycini Gauze, Preobrazhenskaya, Ivanitskaya and Kovalenkova 1960, 5. Var. Sch. Val. Pub. Leg. Source: Soil.
- A. citromicelloides Shchepkina 1940, 650. Sp. Sch. Val. Pub. Leg. Source: Cotton fibre.
- A. coelescens Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 110. Sp. Sch. Val. Pub. Leg. Source: Soil.
- A. coeliatus Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 89. Sp. Sch. Val. Pub. Leg. Source: Soil.
- A. coelicolor subsp. coelicoferus Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 105. Subsp. Sch. Val. Pub. Leg. Source: Soil.
- A. coelicolor subsp. coelicolatus Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 107. Subsp. Sch. Val. Pub. Leg. Source: Soil.
- A. coelicolor subsp. coelicovarians Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 105. Subsp. Sch. Val. Pub. Leg. Source: Soil.
- A. coerulatus Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 88. Sp. Sch. Val. Pub. Leg. Source: Soil.
- A. coerulatus var. amycolyticus Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 88. Var. Sch. Val. Pub. Leg. Source: Soil.
- A. coerulatus var. anaseuli Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 88. Var. Sch. Val. Pub. Leg. Source: Soil.
- A. coeruleofuscus var. actinomycini Maksimova and Kovsharova 1964, 112. Var. Sch. Val. Pub. Leg. Source: 150 cultures of actinomyceter regarded as producers of actinomycine.
- A. coeruleoroseus Preobrazhenskaya 1966, 857. Sp. Sch. Val. Pub. Leg. Source: Soil.
- A. cretaceus var. intermedius Krasil'nikov 1949, 77. Var. Sch. Val. Pub. Leg. Streptomyces intermedius (Krüger) Waksman in Waksman and Lechevalier 1953, 116. Ind. Berg. 1110. q.v.
- A. curacoi (Cataldi) Preobrazhenskaya 1966, 855. Sp. Sch. Val. Pub. Leg. Streptomyces curacoi Cataldi in Trejo and Bennett 1963, 683. Ind. Bert. 1101. q.v.

- A. cyaneogriseus Yen 1956, 77. Sp. Sch. Val. Pub. Leg.
Source: Soil near Peking, China.
- A. cyanocolor Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 114. Sp. Sch. Val. Pub. Leg.
Source: Soil.
- A. cyanoflavus (Funaki and Tsuchiya) Krasil'nikov in Krasil'nikov 1965, 63. Sp. Sch. Val. Pub. Leg. Streptomyces cyanoflavus Funaki and Tsuchiya 1958b, 144. Ind. Berg. 1101. q.v.
- A. cyanogenus Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 114. Sp. Sch. Val. Pub. Leg.
Source: Soil.
- A. cyanoglomerus Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 86. Sp. Sch. Val. Pub. Leg.
Source: Soil.
- A. cyanoglomerus var. cellulose (sic) Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 86. Var. Sch. Val. Pub. Leg.
Source: Soil.
- A. cyanoglomerus var. lactis Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikova 1965, 86. Var. Sch. Val. Pub. Leg.
Source: Soil.
- A. cyanoglomerus var. liquefaciens Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 86. Var. Sch. Val. Pub. Leg.
Source: Soil.
- A. cylindrosporus var. atratus Yen and Chou 1964, 432. Var. Sch. Val. Pub. Leg.
Source: Forest Soil.
- A. ericksonii Georg, Robertstad, Brinckman and Hicklin 1965, 94. Sp. Sch. Val. Pub. Leg. Actinobacterium ericksonii (Georg, Robertstad, Brinckman and Hicklin) Prévot, Turpin and Kaiser 1967, 1833.
Source: Human clinical material: pleural fluid, subcutaneous and lung abscesses.
- A. flavomacrosporus Yen 1957, 171. Sp. Sch. Val. Pub. Leg.
Source: Soil near Peking, China.
- A. flavescens Krasil'nikov, Korenyako and Nikitina in Krasil'nikov 1965, 220. Sp. Sch. Val. Pub. Illeg. 24b. Streptomyces abikoensum (sic) var. spiralis (Kudrina) Pridham et al. 1958, 66. Ind. Berg. 1092. q.v.
- A. flavovariabilis Korenyako and Nikitina in Krasil'nikov 1965, 304. Sp. Sch. Val. Pub. Leg.
Source: Soil from USSR.
- A. flavus var. flavochromogenes Krasil'nikov 1949, 69. Var. Sch. Val. Pub. Illeg. 14b. Actinomyces chromogenus (Gasperini) Gasperini 1894, 80. Ind. Berg. 34. q.v.
- A. flavus var. sulfureus (sic) Krasil'nikov 1949, 67. Var. Sch. Val. Pub. Leg. Actinomyces sulphureus Gasperini 1894, 78. Ind. Berg. 62. q.v.
Comment: Krasil'nikov (1949, 67) incorrectly ascribes A. sulphureus to Berestnev 1897.
- A. gedanensis var. necrophorus Krasil'nikov 1941, 68. Var. Sch. Val. Pub. Leg. Necrobacterium necrophorus (sic) (Függe) Lahele and Thjotta 1945, 321. Ind. Berg. 743. q.v.
- A. ghanaensis 1964 in Preobrazhenskaya 1966, 858. Sp. Sch. Val. Pub. Leg.
Author's reference: Brit. Patent No977, 1964, 327, Not seen.
- A. glaucosporus Krasil'nikov, Agre, Dorokhova and Sokolov 1968, 82. Sp. Sch. Val. Pub. Leg.
Source: Soils from Tibet and Egypt.
- A. globisporus var. bikiniensis Krasil'nikov 1949, 100. Var. Sch. Val. Pub. Leg. Streptomyces bikiniensis Johnstone and Waksman 1947, 294. Ind. Berg. 1096. q.v.
- A. globisporus var. flavus Yen and Deng. 1964, 251. Var. Sch. Val. Pub. Leg.
Source: Soil from China.
- A. globisporus var. roseus Krasil'nikov, Korenyako and Nikitina 1960, 79. Var. Sch. Val. Pub. Leg.
Source: Soils from USSR.

- A. glomeroaurantiacus Krasil'nikov and Yuan in Krasil'nikov 1965, 50. Sp. Sch. Val. Pub. Leg.
Source: Brown forest soil near Peking, virgin soil from Pamir and red soil from Caucasus.
- A. griseoaurantiacus Krasil'nikov and Yuan in Krasil'nikov 1965, 52. Sp. Sch. Val. Pub. Leg.
Source: Soil.
- A. glomerochromogenes Yen and Zhang 1964, 263. Sp. Sch. Val. Pub. Leg.
Source: Soil from China.
- A. griseoloviolaceus Yen 1956, 77. Sp. Sch. Val. Pub. Leg.
Source: Soil near Peking, China.
- A. griseolus var. flavescens Yen 1956, 77. Sp. Sch. Val. Pub. Leg.
Source: Soil near Peking, China.
- A. griseovariabilis Gauze, Preobrazhenskaya, Kudrina, Blinov, Ryabova and Sveshnikova 1957, 109. Sp. Sch. Val. Pub. Leg. Streptomyces griseus subsp. variabilis (Krasil'nikov) Pridham et al. 1958, 69. Ind. Berg. 1109. q.v.
- A. griseus var. difficilis Yen and Chou 1964, 434. Var. Sch. Val. Pub. Leg.
Source: Forest soil.
- A. griseus subsp. macrosporus Yen 1956, 77. Subsp. Sch. Val. Pub. Leg.
Source: Soil near Peking, China.
- A. griseus subsp. segmentosus Yen 1956, 77. Subsp. Sch. Val. Pub. Leg.
Source: Soil near Peking, China.
- A. helveticus Krasil'nikov, Korenyako and Nikitina in Krasil'nikov (1965), 227. Sp. Sch. Val. Pub. Leg.
Source: Soil.
- A. herbescens Krasil'nikov and Yegorova in Krasil'nikov 1965, 166. Sp. Sch. Val. Pub. Leg.
Source: Soil from Pamir.
- A. herbeus Krasil'nikov and Yegorova in Krasil'nikov 1965, 201. Sp. Sch. Val. Pub. Leg.
Source: Soil from Egypt.
- A. herbiferis Krasil'nikov and Yegorova in Krasil'nikov 1965, 198. Sp. Sch. Val. Pub. Leg.
Source: Soil.
- A. indigocolor Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 87. Sp. Sch. Val. Pub. Leg.
Source: Soil.
- A. inversochromogenes Yen and Zhang 1964, 262. Sp. Sch. Val. Pub. Leg.
Source: Soil from China.
- A. iodoformicus Kirillova and El-Registan in Krasil'nikov 1965, 314. Sp. Sch. Val. Pub. Leg.
Source: Soil from the valley of the River Yenisey.
- A. israeli (Kruse) Typ II Grässer 1962, 479. Sp. Sch. Not Val. Pub. 14a(1)
Source: Nodulated porcine udder actinomycoma.
- A. keratolytica Acton and McGuire 1931, 69. Sp. Sch. Val. Pub. Leg. An "actinomycotic fungus" Acton and McGuire 1930, 61. Proactinomyces keratolyticus Waksman and Henrici 1948, 1916. Nocardia keratolytica (Acton and McGuire) Reiss and Briggs 1955, 130.
Source: Skin Lesions among ryots of India.
Comment: In Index Bergeyana (1966, 47) Actinomyces keratolyticus (sic) incorrectly ascribed to Dodge 1935, 736.
- A. lactis Krasil'nikov 1949, 90. Sp. Sch. Not Val. Pub. 12c(3).
- A. lanfranchii Sani 1916, 656. Sp. Sch. Val. Pub. Leg. Nocardia lanfranchii (Sani) de Mello and Pais 1918, 178. Ind. Berg. 762 q.v.
- A. lavendulae var. chromogenes Yen and Lu 1964, 243. Var. Sch. Val. Pub. Leg.
Source: Soil from China.
- A. lavendulae var. viridis Yen and Lu 1964, 239. Var. Sch. Val. Pub. Leg.
Source: Soil from Canton Province, China.
- A. lavendulae rectus Krasil'nikov and Kuchayeva 1960 in Yen and Lu 1964, 238. Sp. Sch. Val. Pub. Leg.
Source: Soil from Peking and Canton Provinces, China.
Reference to Krasil'nikov and Kuchayeva 1960: Personal Communication 1960.

- A. lazureus Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 88. Sp. Sch. Val. Pub. Leg. Source: Soil.
- A. levis Sveshnikova, Preobrazhenskaya and Blinov 1967, 389. Sp. Sch. Val. Pub. Leg.
- A. lilacinofulvus Yen and Chou 1964, 424. Sp. Sch. Val. Pub. Leg. Source: Forest soil.
- A. lilacinus Yen 1956, 77. Sp. Sch. Val. Pub. Leg. Source: Soil near Peking, China.
- A. lividans Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 109. Sp. Sch. Val. Pub. Leg. Source: Soil.
- A. luteolutescens Yen 1956, 77. Sp. Sch. Val. Pub. Leg. Source: Soil near Peking, China.
- A. macrosporus Krasil'nikov, Agre, Dorokhova and Sokolov 1968, 81. Sp. Sch. Val. Pub. Leg. Source: Soils from Tibet and Egypt.
- A. malachitofuscus Preobrazhenskaya, Maksimova and Blinov 1964, 967. Sp. Sch. Val. Pub. Leg.
- A. malachitorectus Preobrazhenskaya, Maksimova and Blinov 1964, 967. Sp. Sch. Val. Pub. Leg.
- A. megasporus Krasil'nikov, Agre, Dorokhova and Sokolov 1968, 82. Sp. Sch. Val. Pub. Leg. Source: Soils from Tibet and Egypt.
- A. mellaceus Zhukova, Shenin, Morozov, Kirsanova, Barashkova, Kotenko and Mayorova. 1967, 508. Sp. Sch. Val. Pub. Leg. Source: Sierosiem soil from Kirgisian USSR.
- A. microsporus Yen 1957, 171. Sp. Sch. Val. Pub. Leg. Source: Soil near Peking, China.
- A. m-chagiensis Salimovskaya 1928, 32. Sp. Sch. Val. Pub. Leg. Source: Silt from the Lake Mshaga near Novgorod, USSR.
- A. niger var. aromaticus Krasil'nikov 1949, 104. Var. Sch. Val. Pub. Illeg. 24b. Nocardia cinereonigra Chalmers and Christopherson 1916, 271. Ind. Berg. 757. q.v.
- A. nigrogriseolus Yen and Chou 1964, 427. Sp. Sch. Val. Pub. Leg. Source: Forest soil.
- A. odontolyticus Batty 1958, 455. Sp. Sch. Val. Pub. Leg. Actinomyces odontolyticus Bisset 1957, 562. Ind. Berg. 53. q.v. Comment: In Index Bergeyana (1966, 53) incorrectly ascribed to Bisset 1957, 562.
- A. olivarius Kuchayeva, Krasil'nikov, Skryabin and Tapytkova 1960, 242. Sp. Sch. Not Val. Pub. 12c(3).
- A. pactum var. pactum (Bhuyan, Dietz and Smith) Preobrazhenskaya 1966, 858. Var. Sch. Val. Pub. Leg. Streptomyces pactum var. pactum Bhuyan et al. 1962, 185. Addendum I Ind. Berg. 1967. 202. q.v.
- A. pallidoviolaceus Sveshnikova, Preobrazhenskaya and Blinov 1967, 388. Sp. Sch. Val. Pub. Leg.
- A. penicilloides Sartory. Sartory and Meyer 1936, 114. Sp. Sch. Val. Pub. Leg. Not Actinomyces penicilloides Shchepkina 1940, 652. Source: Pus.
- A. penicilloides Shchepkina 1940, 652. Sp. Sch. Val. Pub. Illeg. 25d. Not Actinomyces penicilloides Sartory, Sartory and Meyer 1936, 114. q.v. Source: Cotton fibre.
- A. polychromogenes (Hagemann, Pénasse and Teillon) Preobrazhenskaya 1966, 854. Sp. Sch. Val. Pub. Illeg. 25d. Not Actinomyces polychromogenes (Vallée) Lieske 1921, 32. Ind. Berg. 55. q.v. Streptomyces polychromogenus (sic) Hagemann et al. 1955, 240. Ind. Berg. 1118. q.v.
- A. raffinosus Krasil'nikov 1958, 258. Sp. Sch. Not Val. Pub. 12c(3).
- A. rectiverticillatus Krasil'nikov and Yuan in Krasil'nikov 1965, 49. Sp. Sch. Val. Pub. Leg. Source: Soil.
- A. rectiviolaceus Artamonova in Krasil'nikov 1965, 250. Sp. Sch. Val. Pub. Leg. Source: Soils from Pamir.

- A. ribeyro Dodge 1935, 735. Sp. Sch. Val. Pub. Leg. Hongo Artrosporados, Ribeyro 1919, 5. Source: Generalized infection on the arms, legs and chest in a patient from Peru.
- A. roseogriseolus Yen and Chou 1964, 426. Sp. Sch. Val. Pub. Leg. Source: Forest soil.
- A. roseogriseus Yen and Chou 1964, 425. Sp. Sch. Val. Pub. Leg. Source: Forest soil.
- A. roseolus Nadson 1906, 469. Sp. Sch. Val. Pub. Leg. Not Actinomyces roseolus Preobrazhenskaya and Sveshnikova in Gauze et al. 1957, 37. Ind. Berg. 58. q.v. Source: Mud from Weissowo-Lake near Slawjansk, district Charkow.
- A. ruber var. ferrugineus Krasil'nikov 1949, 58. Var. Sch. Val. Pub. Leg. Nocardia ferruginea Trevisan 1889, 9. Ind. Berg. 759. q.v.
- A. ruber var. sterilis ruber Krasil'nikov 1949, 58. Var. Sch. Not Val. Pub. 14b(1). Actinomyces sterilis ruber Krasil'nikov 1941, 24. Ind. Berg. 62. q.v.
- A. rubro-cyaneus Krasil'nikov and Husein in Krasil'nikov 1965, 158. Sp. Sch. Val. Pub. Leg. Source: Soils from Egypt and Tadzhikistan.
- A. rubrolavendulae Yen 1957, 209. Sp. Sch. Val. Pub. Leg. Source: Soil near Peking, China.
- A. rubroverticillatus Yen 1956, 78. Sp. Sch. Val. Pub. Leg. Source: Soil near Peking, China.
- A. rutilans Sveshnikova, Preobrazhenskaya and Blinov 1967, 389. Sp. Sch. Val. Pub. Leg.
- A. scabies var. anglica Baldacci and Boncompagni 1951, 181. Var. Sch. Val. Pub. Leg. Streptomyces scabies (Thaxter) Waksman and Henrici 1948, 957. Ind. Berg. 1122. q.v.
- A. sendaiensis Ota and Huang in Huang 1933 249. Sp. Sch. Val. Pub. Leg. Proactinomyces sendaiensis (Ota and Huang) Krasil'nikov 1941, 89. Ind. Berg. 836. q.v. Source: Diseased hair from soldiers in Japan (trichomycosis palmellina).
- A. spinosus Preobrazhenskaya 1966, 856. Sp. Sch. Val. Pub. Leg. Source: Soil.
- A. streptomycini Krasil'nikov 1957, 598. Sp. Sch. Val. Pub. Illeg. 24b. Streptomyces griseus (Krainsky) Waksman and Henrici 1948, 948. Ind. Berg. 1108. q.v.
- A. subcaucasicus Sveshnikova, Preobrazhenskaya and Blinov 1967, 390. Sp. Sch. Val. Pub. Leg.
- A. subflavus Krasil'nikov, Korenyako, Nikitina in Krasil'nikov 1965, 227. Sp. Sch. Val. Pub. Leg. Source: Soil.
- A. subtropicus (Brazhnikova, Lomakina, and Murav'yeva) Gauze, Kochetkova and Popova 1956, 18. Sp. Sch. Val. Pub. Leg. Streptomyces subtropicus Brazhnikova et al. 1954, 827. Ind. Berg. 1123. q.v.
- A. suis Grässer 1962, 479. Sp. Sch. Val. Pub. Leg. Not Actinomyces suis Gasperini 1892, 183. Ind. Berg. 62. q.v. Source: Granule actinomycoma of the pig. Comment: Original reference to Grässer, R. (1957) Vergleichende Untersuchungen an Actinomyceten von Mensch, Rind und Schwein. Diss. Leipzig, not available.
- A. sulfureus (?) lacertae Berestnev 1897, 113. Sp. Sch. Not Val. Pub. 14a(1). Actinomyces lacertae Terni 1896, 160. Ind. Berg. 47. q.v.
- A. sylvodoriferus (Castellani) American Type Culture Collection Catalogue 1938, 17. Sp. Sch. Not Val. Pub. 14a(2) Nocardia sylvodorifera Castellani acc. to American Type Culture Collection Catalogue 1934, 51. q.v.
- A. tenuis var. chromogenes Huang 1933, 245. Var. Sch. Val. Pub. Leg. Source: Hair from Japanese soldiers with trichomycosis palmellins.

- A. thermocoelicolor Krasil'nikov, Alferova and Agre 1967, 496. Sp. Sch. Val. Pub. Leg.
- A. toxicus Krasil'nikov 1958, 258. Sp. Sch. Not Val. Pub. 12c(3).
- A. tschirschke A (sic) Berestnev 1897, 169. Sp. Sch. Not Val. Pub. 14a(1). Cladothrix A, Tschierschke in Hesse 1892, 305.
Source: Contaminant in blood in case of eclampsia.
- A. tschirschke B (sic) Berestnev 1897, 170. Sp. Sch. Not Val. Pub. 14a(1). Cladothrix B. Tschierschke in Hesse 1892, 305.
Source: Vaginal secretions.
- A. valvulae (Chalmers and Christopherson) Nannizzi 1934, 51. Sp. Sch. Val. Pub. Leg. Nocardia valvulae Chalmers and Christopherson 1916, 263. Ind. Berg. 769. q.v.
- A. valvularis (sic) (Chalmers and Christopherson) Ford 1927, 211. Sp. Sch. Val. Pub. Illeg. 24b. Nocardia valvulae Chalmers and Christopherson 1916, 263. Ind. Berg. 769. q.v.
- A. valynus Preobrazhenskaya 1966, 856. Sp. Sch. Val. Pub. Leg.
Source: Soil.
- A. verrucosus Nadson 1906, 469. Sp. Sch. Val. Pub. Leg. Not Actinomyces verrucosus (Miescher) Nannizzi 1934, 46.
Source: Water from Weissowo Lake near Slawjansk, district Charkow.
- A. verrucosus (Miescher) Nannizzi 1934, 46. Sp. Sch. Val. Pub. Illeg. 25d. Not Actinomyces verrucosus Nadson 1906, 469. Streptothrix verrucosa Miescher 1917, 407.
Source: Mycetoma pedis nostras.
- A. violaceolatus Krasil'nikov, Sorokina, Alferova and Bezzubenkova in Krasil'nikov 1965, 113. Sp. Sch. Val. Pub. Leg.
Source: Soil.
- A. violaceoniger var. crystallomycini Gauze, Preobrazhenskaya, Kovalenkova, Il'yicheva, Brazhnikova, Lomakina, Kovsharova, Shorin, Kunrat, and Shapovalova 1957, 10. Var. Sch. Val. Pub. Leg.
Source: Soil.
- A. violaceus var. coelicolor Baldacci 1944, 179. Var. Sch. Val. Pub. Leg. Streptomyces coelicolor (Müller) Waksman and Henrici 1948, 935. Ind. Berg. 1100. q.v.
- A. violaceus var. violaceo-ruber Baldacci 1944, 178. Var. Sch. Val. Pub. Leg. Actinomyces violaceo-ruber Waksman and Curtis 1916, 127. Ind. Berg. 65. q.v.
- A. violochromogenes Artamonova and Krasil'nikov 1960, 334. Sp. Sch. Val. Pub. Leg. Actinomyces violaceus subsp. chromogenes Krasil'nikov 1949, 55. Ind. Berg. 64. q.v.
- A. viridaris Krasil'nikov and Yegorova in Krasil'nikov 1965, 175. Sp. Sch. Val. Pub. Leg.
Source: Rarely in soil.
- A. viridifuscus Krasil'nikov and Yegorova in Krasil'nikov 1965, 180. Sp. Sch. Val. Pub. Illeg. 24b. Streptomyces viridogenes Waksman 1953, 109. Ind. Berg. 1126. q.v.
- A. viscosus (Howell, Jordan, Georg and Pine) Slack 1968, 255. Sp. Sch. Val. Pub. Leg. Odontomyces viscosus Howell, Jordan, Georg and Pine 1965, 66. Addendum I Ind. Berg. 1967, 193. q.v.
- ACUFORMIS angulosus (Distaso) Prévot 1957, 268. Sp. Sch. Val. Pub. Leg. Clostridium angulosum (Distaso) Hauduroy et al. 1937, 91. Ind. Berg. 472. q.v.
- A. innocuus (Smith and King) Prévot 1966, 340. Sp. Sch. Val. Pub. Leg. Clostridium innocuum Smith and King 1962, 939. Ind. Berg. 478. q.v.
- AEROBACILLUS brevis (Migula) Pribram 1933, 80. Sp. Sch. Val. Pub. Illeg. 24b. Bacillus brevis Migula 1900, 583. Ind. Berg. 128. q.v.
- A. guttatus (Zikes) Pribram 1933, 80. Sp. Sch. Not Val. Pub. 12c.
Comment: Pribram (1933, 80) cites Zikes as the author of the name but gives no reference.

- A. oleae (Arcangeli) Pribram 1933, 80. Sp. Sch. Val. Pub. Illeg. 24b. Bacillus oleae (Arcangeli) Trevisan in De Toni and Trevisan 1889, 982. Ind. Berg. 217. q.v. Comment: Pribram (1933, 80) incorrectly ascribed the name to Schiff-Giorgini 1906, 200.
- A. pseudotetanicus (Migula) Pribram 1933, 80. Sp. Sch. Val. Pub. Illeg. 24b. Bacillus pseudotetanicus Migula 1900, 626. Ind. Berg. 239. q.v.
- AEROBACTER Janke 1930, 490. Sect. Sch. Val. Pub. Leg. = Gruppe des Bacterium cloacae. Section 2. of subgenus Eubacterium Janke 1930, 490.
- A. (Hafnia) aerogenoides (Borman, Stuart and Wheeler) Haupt 1964, 66. Sp. Sch. Val. Pub. Leg. Paracolo-bactrum aerogenoides Borman et al. 1944, 362. Ind. Berg. 783. q.v.
- A. (Hafnia) alvei (Prévot) Haupt 1964, 66. Sp. Sch. Val. Pub. Leg. Salmonella schottmuelleri var alvei Hauduroy and Ehringer 1937, 469. Ind. Berg. 984. q.v.
- A. coli var. infusioenum (sic) Beijerinck 1900, 201. Var. Sch. Val. Pub. Leg. Bacterium coli var. infusioenum (Beijerinck) Braak 1928, 205. Source: Waste water from sugar beet factories, retting flax.
- A. levanicum (sic) Hestrin, Avineri-Shapiro and Aschner 1943, 451. Sp. Sch. Val. Pub. Leg. Source: Fruit tree root in Jerusalem.
- A. tartarivorum (sic) Nijdam 1907, 1. Sp. Sch. Val. Pub. Leg. Source: Fermenting calcium tartrate.
- A. viscosum (sic) Beijerinck 1900, 200. Sp. Sch. Val. Pub. Leg. Source: Fermenting rye meal.
- AEROBACTEROIDAE Haupt 1964, 61. Subfam. Sch. Val. Pub. Leg. Type gen. Aerobacter Beijerinck 1900, 193.
- AEROGENES Janke 1930, 490. Sect. Sch. Val. Pub. Leg. Section 3. of subgenus Eubacterium Janke 1930, 490.
- AEROMONAS salmonicida subsp. achromogenes Schubert 1967, 278. Subsp. Sch. Val. Pub. Leg. Necromonas achromogenes Smith 1963, 273. Ind. Berg. 743. q.v.
- AEROPHILUM Janke 1930, 490. Sect. Sch. Val. Pub. Leg. Section 4. of subgenus Trichobacterium Janke 1930, 490.
- AERUGOMONAS Janke 1930, 490. Sect. Sch. Val. Pub. = Gruppe des Bacterium aeruginosum. Section 5. of Subgenus Pseudomonas Janke 1930, 490.
- AKTINOMYCES Peklo 1910, 478. Gen. Sch. Variant spelling of Actinomyces Harz 1877, 485. Ind. Berg. 26. q.v.
- A. alni (sic) (Woronin) Peklo 1910, 505. Sp. Sch. Val. Pub. Leg. Frankia alni (Woronin) von Tubeuf 1895, 118. q.v.
- ALBOCOCOCCUS rhenanus (Migula) Winslow and Rogers 1906, 544. Sp. Sch. Val. Pub. Leg. Micrococcus rhenanus Migula 1900, 109. q.v.
- ALCALIGENES Janke 1930, 490. Sect. Sch. Val. Pub. Leg. Section 8. of subgenus Bacterium Janke 1930, 490.
- A. giganteus Sonnabend 1963, 615. Sp. Sch. Val. Pub. Leg. Source: Crustacea - plankton, Lake Constance.
- ALGINOMONAS gelatica (Gran) Yaphe 1963, 591. Sp. Sch. Val. Pub. Leg. Pseudomonas gelatica (Gran) Bergey et al. 1930, 175. Ind. Berg. 867. q.v.
- AMOEOBACTER bacillosus Wino-gradsky 1888, 78. Sp. Sch. Val. Pub. Leg. Source: Sulfur springs. Comment: van Niel (1948, 849) regards Thioderma roseum Miyoshi as a senior synonym.
- ALKALIGENES Castellani 1930, 135. Gen. Sch. Variant spelling of Alcaligenes Castellani and Chalmers 1919, 936. Ind. Berg. 79. q.v.
- AMYLOBACTER Schattenfroh and Grassberger 1899, 700. Gen. Sch. Variant spelling of Amylobacter Duclaux 1895, 813.
- ANABAENIOLUM Langeron 1923, 118. Gen. Sch. Val. Pub. Leg. Type sp. None designated, five species included.

- A. brumpti Langeron 1923, 119. Sp. Sch. Val. Pub. Leg.
Source: Caecum of a guinea pig, human intestines.
- A. grande Langeron 1923, 121. Sp. Sch. Val. Pub. Leg.
Source: Caecum of a guinea pig.
- A. intermedium Langeron 1923, 121. Sp. Sch. Val. Pub. Leg.
Source: Agouti (Dasyprocta aguti).
- A. langeroni Nadson and Krasil'nikov 1928, 177. Sp. Sch. Val. Pub. Leg.
Source: Caecum of a guinea pig. Nadson and Krasil'nikov (1928, 178) state: "L'organisme est devenu apte à former des spores endogènes à la façon des bactéries."
- A. longum Nadson and Krasil'nikov 1928, 178. Sp. Sch. Val. Pub. Leg.
Source: Caecum of a guinea pig.
- A. minus Langeron 1923, 121. Sp. Sch. Val. Pub. Leg.
Source: Caecum of viscaccia (Viscacia viscacia), human intestines.
- A. viscaciae Langeron 1923, 120. Sp. Sch. Val. Pub. Leg.
Source: Caecum of viscaccia (Viscacia viscacia).
- ANCALOMICROBIUM Staley 1968, 1940. Sp. Sch. Val. Pub. Leg.
Type sp. (monotype): Ancalomicrobium adetum Staley 1968, 1940.
- A. adetum Staley 1968, 1940. Sp. Sch. Val. Pub. Leg.
Type sp. of Ancalomicrobium Staley 1968, 1940.
Source: Fresh water.
- ANGIOBACTERIALES Prévot 1948, 7. Order Sch. Not Val. Pub. 14a(2). Class Myxobacteriales (sic) Tchan, Pochon and Prévot 1948, 398. Ind. Berg. 740. q.v.
- ANIMIKIEA Barghoorn in Barghoorn and Tyler 1965, 576. Fossil Gen. Val. Pub. Leg.
Type sp. (monotype): Animikiea septata Barghoorn in Barghoorn and Tyler 1965, 576.
- A. septata Barghoorn in Barghoorn and Tyler 1965, 576. Fossil sp. Val. Pub. Leg.
Type sp. of Animikiea Barghoorn in Barghoorn and Tyler 1965, 576.
Source: Gunflint formation in thin sections of rock.
- ANTHRAX Janke 1930, 490. Sect. Sch. Val. Pub. Leg.
Section 10. of subgenus: (Aerobacillus or better) Eubacillus Janke 1930, 490.
- APLANOBACTER fleuryi Mariat in Fleury and Mariat 1948, 786. Sp. Sch. Val. Pub. Illeg. 24b. Bacterium fleuryi (Mariat) Stapp 1956, 224.
Source: Diseased twig of a pear tree.
- A. robici (Bouriquet) Prévot 1961, 139. Sp. Sch. Val. Pub. Illeg. 24b. Aplanobacter robici Magrou and Prévot 1948, 104. Bacterium robici Bouriquet 1946, 213.
Source: Leaves of Manihot sp.
- A. robici Magrou and Prévot 1948, 104. Sp. Sch. Not. Val. Pub. 14a(2). Aplanobacter robici (Bouriquet) Prévot 1961, 139. q.v.
- APLANOBACTERIUM (Smith) Tešić 1958, 9. Gen Sch. Aplanobacter Smith 1905, 171. Ind. Berg. 89. q.v.
Comment: Variant spelling of Aplanobacter Smith 1905, 171.
- ARCHAEORESTIS Barghoorn in Barghoorn and Tyler 1965, 576. Fossil Gen. Val. Pub. Leg.
Type sp. (monotype): Archaeorestis schreiberensis Barghoorn in Barghoorn and Tyler 1965, 576.
- A. schreiberensis Barghoorn in Barghoorn and Tyler 1965, 576. Fossil Sp. Val. Pub. Leg.
Type sp. of Archaeorestis Barghoorn in Barghoorn and Tyler 1965, 576.
Source: Gunflintia formation.
- ARCHANGIUM violaceum (Kühlwein and Gallwitz) Kühlwein and Reich-enbach 1964, 181. Sp. Sch. Val. Pub. Leg. Polyangium violaceum Kühlwein and Gallwitz 1958, 140.
Source: Excrements from a species of Lepus in Natal, South Africa.
- ARTHROBACTER nicotinovorum (Bucherer) Niemer, Bucherer, Zeitler and Stadler 1964, 282. Sp. Sch. Val. Pub. Leg. Bacterium nicotinovorum Bucherer 1942, 169. Ind. Berg. 363, q.v.

ASTASIA Janke 1930, 490. Sect. Sch.

Val. Pub. Leg. Section 7. of subgen:
(Acrobacillus or better) Eubacillus
Janke 1930, 490.

AUROCOCCUS tropicus Chalmers and
O'Farrell 1913, 378. Sp. Sch. Val.
Pub. Illeg. 24b. Micrococcus pyogenes
var tropicus Chalmers and O'Farrell
1913, 378.

Source: Granulating ulcers of skin
(Pyosis tropica) in Ceylon.

AZOTOBACTER chroococcum var.

beijerinckii Krasil'nikov 1949, 505.
Var. Sch. Val. Pub. Leg.

Source: Soil.

A. chroococcum var. woodstownii Krasil'-
nikov 1949, 505. Var. Sch. Val. Pub.
Leg.

Source: Soil.

A. galophilum (sic) Suschkina 1945 acc.
to Krasil'nikov 1949, 506. Sp. Sch. Val.
Pub. Leg.

Source: Moldavian soil, SSSR.

Comment: Original reference not
available.

A. rhizobius Pribram 1929, 383. Sp. Sch.
Not Val. Pub. 12c(3).

A. unicapsulare Bachinskaya and Kondrat'-
yeva 1941, 100. Sp. Sch. Val. Pub. Leg.
Source: Soil from Zavolzh'ye, USSR.

A. vinelandii var. hilgardii Krasil'nikov
1949, 509. Var. Sch. Val. Pub. Leg.
Azotobacter hilgardii Lipman 1909, 942.
Ind. Berg. 101. q.v.

A. vinelandii var. smyrnyi Krasil'nikov
1949, 509. Var. Sch. Val. Pub. Leg.
Azotobacter smyrnyi Lipman and
Burgess 1915, 504. Ind. Berg. 102. q.v.

AZOTOBACTERIUM (Beijerinck) Tešić
1958, 9. Gen. Sch. Azotobacter Bei-
jerinck 1901, 567. Ind. Berg. 101. q.v.

BACILLUS Cohn, 1872, 175. Gen. Sch.

Val. Pub. Leg. Nom. Con.

Type sp. (Subs. des. by Nomenclature
Committee of the International Society
for Microbiology 1937, 28): B. subtilis
Ehrenberg) Cohn 1872, 175. (Basionym:
Vibro subtilis Ehrenberg 1835, 279.).
Comment: The Nomenclature Committee
of the International Society for Micro-
biology (now the International Committee
on Nomenclature of Bacteria) (1937, 28-
29) ruled and the Plenary Session of the

II nd International Congress for
Microbiology held in London con-
firmed that:

(a) Bacillus Cohn 1872 should be
designated as a genus conservan-
dum.

(b) The type sp. of Bacillus should
be designated as B. subtilis Cohn
emendavit.

(c) The type (or standard) strain
should be the Marburg strain.

(d) Cultures of the type (or stan-
dard) strain of Bacillus subtilis
together with complete description,
should be maintained at each of the
recognized type culture collections.

(e) The genus Bacillus should be
so defined as to exclude bacterial
species which do not produce endo-
spores.

(f) The term Bacillus should be
used as a generic name and that
it should be differentiated from the
term "bacillus", "bacille", and
Bazillus" used as morphological
designations.

The International Committee on
Bacteriological Nomenclature
(1953) during the sessions of the
VI th International Congress of
Microbiologists at Rome voted to
designate the above statement as
Opinion A.

Note: This is the only opinion that
has been approved by the Internat-
ional Committee on Nomenclature
of Bacteria or by the Judicial Com-
mission in which a morphological
character (exclusion of species
of bacteria from the genus Bacillus
Cohn that do not form endospores)
has been included. Application of
the paragraph (e) above makes
some hundreds of species names
in the genus Bacillus illegitimate
and in many cases without usable
synonyms which may be substi-
tuted. Many of the names of
species of bacteria placed in the
genus Bacillus are reevaluated
as to nomenclatural status in this
and other addenda to Index
Bergeyana.

- B. agarilyticus Krasil'nikov 1949, 623. Sp. Sch. Val. Pub. Leg. Bacillus palustris var. gelaticus Sickles and Shaw 1934, 418. Ind. Berg. 222. q.v. Comment: Renamed because of priority of Bacillus gelaticus Gran 1902, 14.
- B. amylobacter I Gruber 1887, acc. to Krasil'nikov 1949, 650. Sp. Sch. Not Val. Pub. 14a(1). Clostridium butyricum var. amylobacter I Krasil'nikov 1949, 650. Comment: Gruber (1887, 370) states: "Unter dem Namen Clostridium butyricum (Bac. amylobacter) wurden bisher Formen vereinigt, die drei wohl unterscheidbaren Arten angehören." Gruber described three species, did not name them.
- B. amyloliguifaciens (sic) Fukumoto 1943, 488. Sp. Sch. Val. Pub. Leg.
- B. amyloliguifaciens α (sic) Fukumoto 1943, 639. Sp. Sch. Not Val. Pub. 14a(1).
- B. amyloliguifaciens β (sic) Fukumoto 1943, 639. Sp. Sch. Not Val. Pub. 14a(1).
- B. apidarium Borchert 1966, 111. Sp. Sch. Val. Pub. Leg. Source: European (benign) foulbrood (gutartige Gaulbrut).
- B. arce Sestini and Sestini 1890, 158. Sp. Sch. Not Val. Pub. 12c(3). Une bactérie pyogène, Albarran and Hallé 1888, 310. Source: Urinary infection.
- B. argenteo-phosphorescens Mígula 1900, 869. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Bacterium argenteo-phosphorescens Chester 1897, 121. Ind. Berg. 304. q.v.
- B. argentinensis Kayser 1900, 38. Sp. Sch. Val. Pub. Leg. Source: Tap water in Strassburg, Germany.
- B. arietinae chodatti Zlataroff 1913, 585. Sp. Sch. Not Val. Pub. 14a(1). Source: Chick-pea (Cicer arietinum).
- B. asterosporus var dentatus Krasil'nikov 1949, 623. Var. Sch. Val. Pub. Leg. Source: Soil.
- B. asterosporus var. spinosporus Krasil'nikov 1949, 623. Var. Sch. Val. Pub. Leg. Source: Soil.
- B. azotophagus ramificatus Rodella 1910, 512. Sp. Sch. Not Val. Pub. 14a(1). Source: Feces from an infant.
- B. balaenae (sic) (Prévot) Krasil'nikov 1949, 647. Sp. Sch. Val. Pub. Leg. Clostridium balaenae Prévot 1938, 81. Ind. Berg. 472. q.v.
- B. bellis Heim 1911, 167. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Source: Intestinal contents.
- B. bisenziensis Kossowicz 1909, 761. Sp. Sch. Val. Pub. Leg. Source: Fermenting cucumbers.
- B. brunigenus putrefaciens Tauffer 1896, 1244. Sp. Sch. Not Val. Pub. 14a(1). Bacterium brunigenum putrefaciens (Tauffer) Heim 1898, 346. Source: Contamination in control tubes.
- B. budapestiensis α Ajtai 1897, 659. Sp. Sch. Not Val. Pub. 14a(1). Source: Water from Danube.
- B. budapestiensis β Ajtai 1897, 662. Sp. Sch. Not Val. Pub. 14a(1). Source: Water from Danube.
- B. butyricus-iodophilus (Svartz) Topley in Medical Research Council 1936, 19. Sp. Sch. Not Val. Pub. 14a(1). Clostridium butyricum-iodophilum Svartz 1930, 150. Ind. Berg. 473. q.v.
- B. cacosmus Harrison and Streit 1902, 12. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Source: Fowl diphtheria, "croup".
- B. calmettei Thomas 1930, 858. Sp. Sch. Val. Pub. Leg. Source: Fecal matter, intestines of fish: Triola lineata, Trigla obscura.
- B. caloritolerans (Meyer and Lang) Krasil'nikov 1949, 638. Sp. Sch. Val. Pub. Leg. Clostridium caloritolerans Meyer and Lang 1926, 324. Ind. Berg. 474. q.v.
- B. canabis Katagiri and Nakahama 1938, 1351. Sp. Sch. Val. Pub. Leg. Source: Retting hemp (Canabis sativa).

- B. capsulatus roseus Ajtai 1897, 663. Sp. Sch. Not Val. Pub. 14a(1).
Source: Water from Danube.
- B. carbo Renault 1900, 741. Fossil Sp. Sch. Val. Pub. Leg.
Source: Coal near Saint-Étienne in France.
- B. cascainensis (Castellani) Castellani 1955, 273. Sp. Sch. Val. Pub. Leg. Krusella cascainensis Castellani 1954, 139. Addendum I Ind. Berg. 1967, 188. q.v.
- B. cellulolyticus (Pochon) Krasil'nikov 1949, 642. Sp. Sch. Val. Pub. Leg. Plectridium cellulolyticum Pochon 1933, 1325. Ind. Berg. 822. q.v.
- B. cellobioparus (Hungate) Krasil'nikov 1949, 641. Sp. Sch. Val. Pub. Leg. Clostridium cellobioparum Hungate 1944, 503. Ind. Berg. 474. q.v.
- B. cellulomonas Krasil'nikov 1949, 624. Sp. Sch. Val. Pub. Leg. Cellulomonas albus (sic) Sack 1924, 79. Ind. Berg. 444. q.v.
- B. cellulosa (Migula) Krasil'nikov 1949, 640. Sp. Sch. Val. Pub. Illeg. 24b. Bacillus fermentationis cellulosa Omelianski 1899, 419. Ind. Berg. 162. q.v.
- B. centrosporus var. laterosporus Krasil'nikov 1949, 620. Var. Sch. Val. Pub. Leg.
Source: Soil, water.
- B. centrosporus var. ruminatus Krasil'nikov 1949, 620. Var. Sch. Val. Pub. Leg.
Source: Soil.
- B. cerasinus Gratz and Vas 1914, 508. Sp. Sch. Val. Pub. Illeg. 25d. Not Bacillus cerasinum (sic) Rosenthal 1893, 33. Ind. Berg. 137. q.v.
Source: Liptauer cheese.
- B. cereus var. galleriae Toumanoff and Le Corroller 1959, 682. Var. Sch. Val. Pub. Leg. Bacillus thuringiensis var. galleriae Heimpel 1967, 368. Source: Infected larvae of the great wax moth (Galleria mellonella, Linnaeus).
- B. chamaeleon Ajtai 1897, 665. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Source: Water from Danube.
- B. circulans var. agrophilus Krasil'nikov 1949, 616. Var. Sch. Val. Pub. Leg. Source: Soil.
- B. circulans var. rufescens Krasil'nikov 1949, 616. Var. Sch. Val. Pub. Leg. Source: Soil.
- B. circulans var. serrulatus Krasil'nikov 1949, 616. Var. Sch. Val. Pub. Leg. Source: Soil.
- B. cirrosus Gratz and Vas 1914, 509. Sp. Sch. Val. Pub. Leg. Source: Liptauer cheese.
- B. coccoides var. pseudococcus Krasil'nikov 1949, 591. Var. Sch. Val. Pub. Leg. Bacillus pseudococcus Migula 1900, 557. Ind. Berg. 236. q.v.
- B. colletus Renault 1900, 741. Fossil Sp. Sch. Val. Pub. Leg. Source: Coal in France.
- B. collini Hollande 1934, 525. Sp. Sch. Val. Pub. Leg. Source: Intestines of tadpoles.
- B. commiformis Distaso 1909, 964. Sp. Sch. Val. Pub. Leg. Source: Mouth of a fruit bat.
- B. coralinus (Bergey et al.) Pribram 1919, 3. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Nocardia coralina (Bergey et al.) Waksman and Henrici 1948, 902. Ind. Berg. 757. q.v.
- B. corchorus Katagiri and Nakahama 1940, 832. Sp. Sch. Val. Pub. Leg. Source: Retting vats.
- B. cytaseus var. amyolyticus Krasil'nikov 1949, 606. Var. Sch. Val. Pub. Leg. Source: Soil.
- B. dichromogenes Ajtai 1897, 666. Sp. Sch. Val. Pub. Leg. Source: Water from Danube.
- B. dissolvens (Khouvine) Krasil'nikov 1949, 631. Sp. Sch. Val. Pub. Leg. Clostridium dissolvens Bergey et al. 1925, 344. Ind. Berg. 475. q.v.
- B. ehrenbergii Trevisan 1889, 18. Sp. Sch. Val. Pub. Illeg. 24b. Opin. A. Int. Com. Bacterium triloculare Ehrenberg 1828, 8. q.v.

- B. entomocidus var. subtoxicus Heimpel and Angus 1958, 539. Var. Sch. Val. Pub. Leg. Bacillus thuringiensis ser. 6 subtoxicus Bonnefoi and de Barjac 1963, 229. Bacillus thuringiensis var. subtoxicus Heimpel 1967, 292. Source: Larvae of the forest tent caterpillar (Malacosoma disstria.)
- B. epilepticus Reed 1916, 1611. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Source: Blood from an epileptic patient.
- B. europaea (sic) (Winogradsky) Matzschita 1902, 514. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Nitrosomonas europaea Winogradsky 1892, 127. Ind. Berg. 752. q.v.
- B. exilis Bredemann and Bartels in Bartels 1940, 29. Sp. Sch. Val. Pub. Illeg. 25d. not Bacillus exilis Tissier 1900, 102. not Bacillus exilis Gratz and Vas 1914, 508. Source: Soil.
- B. exilis Gratz and Vas 1914, 508. Sp. Sch. Val. Pub. Leg. Not Bacillus exilis Tissier 1900, 102. Not Bacillus exilis Bredemann and Bartels in Bartels 1940, 29. Source: Liptauer cheese.
- B. exilis Tissier 1900, 102. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Not Bacillus exilis Gratz and Vas 1914, 508. Not Bacillus exilis Bredemann and Bartels in Bartels 1940, 29. Bacillus acetogenus exilis Distaso 1911, 53. Source: Feces of milk-fed infants.
- B. fabae Beijerinck 1890, 843. Sp. Sch. Not Val. Pub. 14a(2). Source: Root nodules on the broad bean (Vicia faba.)
- B. farcini bovis Kitt 1893, 281. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Nocardia farcinica Trevisan 1889, 9. Ind. Berg. 759. q.v.
- B. farinae seminis lini I Rullmann 1902, 668. Sp. Sch. Not Val. Pub. 14a(1). Source: Linseed meal.
- B. felsineus var. thermophilus Imshenetsky and Sointseva 1950, 423. Var. Sch. Val. Pub. Leg. Clostridium felsineum var. thermophilum (Imshenetsky and Sointseva) Prévot, Turpin and Kaiser 1967, 924. Source: Flax retted at high temperature.
- B. fetuum Borchert 1966, 112. Sp. Sch. Val. Pub. Leg. Source: European (benign) foul-brood.
- B. finitimus Heimpel and Angus 1958, 539. Sp. Sch., Val. Pub. Leg. Bacillus thuringiensis ser. 2 finitimus Bonnefoi and de Barjac 1963, 229. Bacillus finitimus var. finitimus Heimpel 1967, 291. Source: Dead larvae of the tent caterpillar (Malacosoma disstria).
- B. finitimus var. finitimus Heimpel 1967, 291. Var. Sch. Val. Pub. Leg. Bacillus finitimus Heimpel and Angus 1958, 539. q.v.
- B. finitimus var. fowleri Heimpel 1967, 291. Var. Sch. Val. Pub. Leg. Source: Isolated from swimming pools by E. H. Fowler.
- B. flacheriae Filatoff 1904, 664. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Bacillus monachae (von Tubeuf) Eckstein 1894, 6. Ind. Berg. 209. q.v. Comment: Filatoff (1904, 661) incorrectly ascribes Bacillus flacheriae to Hofmann 1891.
- B. flavidus var. nitidus Krasil'nikov 1949, 632. Var. Sch. Val. Pub. Leg. Source: Soil.
- B. flavidus var. supraresistens Krasil'nikov 1949, 632. Var. Sch. Val. Pub. Leg. Source: Soil from Germany.
- B. fluorescens capsulatus Pottien 1896, 140. Sp. Sch. Not Val. Pub. 14a(1). Source: Cases of cholera nostras.
- B. fruticosus Zeetti 1937, 452. Sp. Sch. Val. Pub. Leg. Clostridium ghoni var. fruticosum (sic) Prévot 1948, 182. q.v.
- B. gallicus Freire 1899, 1049. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Source: Rose (Rosa gallica (centifolia)).

- B. gastratomyces ovis Nielsen 1888, 22. Sp. Sch. Val. Pub. Leg. Bradstot-bacillen, Nielsen 1888, 22. Clostridium gastratomyces ovis (Nielsen) Pribram 1933, 90. Source: Tissues and organs of sheep dying of braxy.
- B. gintotensis Castellani 1912, 264. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Shigella gintotensis (sic) (Castellani) Hauduroy et al. 1937, 488. q.v.
- B. globisporus Larkin and Stokes 1967, 892. Sp. Sch. Val. Pub. Leg. Source: Soil and river water.
- B. gonatoides (sic) Chester 1901, 196. Sp. Sch. Val. Pub. Illeg. 24b. Bacillus geniculatus (Duciaux) Trevisan 1889, 16. Ind. Berg. 174. q.v. Comment: Variant spelling of B. gonatodes Trevisan 1889, 16.
- B. gossypii I Heim 1911, 181. Sp. Sch. Not Val. Pub. 14a(1). Source: Soil.
- B. gracilesporus Borchert 1966, 111. Sp. Sch. Val. Pub. Leg. Source: European (benign) fowlbrood.
- B. granulatus var. acidophilus Distaso 1909, 964. Var. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Source: Intestinal tract of a fruit bat.
- B. gravidus Gratz and Vas 1914, 505. Sp. Sch. Val. Pub. Leg. Source: Liptauer cheese.
- B. hemiphloiae Greig-Smith 1915, 174. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Source: Tissues of a seedling of Eucalyptus hemiphloia and a gall on the stem of a pear tree.
- B. ileotyphi (Trevisan) Trevisan 1885b, 98. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Salmonella typhi (Schroeter) Salmonella Subcommittee 1934, 344. Ind. Berg. 992. q.v.
- B. ilidzense (Migula) Krasil'nikov 1949, 587. Sp. Sch. Val. Pub. Leg. Bacterium ilidzense Migula 1900, 340. Ind. Berg. 343. q.v.
- B. ilidzensis mobilis Heim 1898, 356. Sp. Sch. Not Val. Pub. 14a(1). Bacillus der Thermalquelle von Ildze, Teich 1894, 1094. Source: Water from thermal springs.
- B. incertus (Prévot) Krasil'nikov 1949, 638. Sp. Sch. Val. Pub. Leg. Terminal oval sporing bacillus Type C, McIntosh 1917, 20. Plectridium incertum Prévot 1938, 88. Source: infected war wounds.
- B. insolitus Larkin and Stokes 1967, 891. Sp. Sch. Val. Pub. Leg. Source: Marshy and arable soil.
- B. irritans Aderhold and Ruhland 1907, 337. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Source: Diseased cherry trees; (associated with Bacillus spongiosus).
- B. janthinus var. butyricus Deshusses and Novel 1939, 7. Var. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Source: Violet-colored butter.
- B. jovoini (sic) Krasil'nikov 1949, 607. Sp. Sch. Val. Pub. Leg. Bacillus thermophilus jovoini Georgevitch 1910, 150. Bacillus thermophilus jovoini (sic) Georgevitch 1910 acc. to Krasil'nikov, 1949, 607. Source: Water from a chalybeate hot spring near Vranje, Serbia.
- B. kaukasicus (sic) Flügge, 1886, 300. Sp. Sch. Val. Pub. Leg. Lectobacillus caucasicus (Kern) Beijerinck 1901, 216. Ind. Berg. 629. q.v.
- B. lacmus Schroeter 1886, 158. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Source: Fresh paint in a greenhouse.
- B. lactis innocuus I Wilde 1896, 7. Sp. Sch. Not Val. Pub., 14a(1). Source: Fresh milk.
- B. lactis innocuus II Wilde 1896, 7. Sp. Sch. Not Val. Pub. 14a(1). Source: Feces of infants.
- B. laevolacticus Nakayama and Yanoshi 1967, 149. Sp. Sch. Val. Pub. Leg. Source: Rhizosphere of various plants in the vicinity of Yamana-shi University, Japan.

- B. laewaniformis (sic) G. Smith 1902 acc. to Krasil'nikov 1949, 564. Sp. Sch. Bacillus levaniformans Greig-Smith 1902, 614. Ind. Berg. 195. q.v. Comment: Variant spelling of Bacillus levaniformans.
- B. lignipestis Grüss 1936, 234. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Source: Decayed wood.
- B. lignorum var. acidifaciens Krasil'nikov 1949, 605. Var. Sch. Val. Pub. Leg. Source: Decaying maple tree.
- B. lignorum var. xylophagus Krasil'nikov 1949, 605. Var. Sch. Val. Pub. Leg. Source: Decaying apple-wood.
- B. linum Nakahama 1940, 41. Sp. Sch. Val. Pub. Leg. Source: Retting flax.
- B. liquefaciens vulgaris Beyerinck 1893, 835. Not Val. Pub. 14a(1). Bacillus vulgaris Beyerinck 1893, 835. Source: Bean seed soaked in water.
- B. mahogani Coward 1910, 11. Sp. Sch. Val. Pub. Leg. Source: Cheese.
- B. malabarensis var. adametzii Krasil'nikov 1949, 627. Var. Sch. Val. Pub. Leg. Source: Cheese.
- B. mannitopoeum (sic) (Müller-Thurgau) Krasil'nikov 1949, 219. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Lactobacillus manhitopoeum (sic) (Müller-Thurgau) Pederson 1929, 31. Ind. Berg. 632. q.v. Comment: Krasil'nikov (1949, 219) incorrectly ascribes the name "Bacillus mannitopoeum" to Müller et Thurgau, 1908.
- B. margarittaceus (Migula) Matzschita 1902, 448. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Perlschnurbacillus Maschek acc. to Migula 1900, 422. Bacterium margarittaceum Migula 1900, 422. Source: Water.
- B. megatherium var. pansini Krasil'nikov 1949, 578. Var. Sch. Val. Pub. Leg. Pseudomonas pansinii Migula 1900, 926. Ind. Berg. 878. q.v.
- B. megatherium var. tomentosus Krasil'nikov 1949, 578. Var. Sch. Val. Pub. Leg. Bacillus tomentosus (Henrici) Matzschita 1902, 152. Ind. Berg. 276. q.v.
- B. megatherium var. tumescens Krasil'nikov 1949, 577. Var. Sch. Val. Pub. Leg. Source: Soil.
- B. mesentericus var. graveolens Krasil'nikov 1949, 565. Var. Sch. Val. Pub. Illeg. 24b. Bacillus vulgatus Trevisan 1889, 19. Trevisan 1899, 19. Ind. Berg. 288, q.v. Comment: Krasil'nikov (1949, 565) incorrectly lists Gottheil 1901 as the author of Bacillus mesentericus vulgatus Flügge 1886, 322.
- B. mesentericus var. mesentericus panis viscosi II Krasil'nikov 1949, 564. Var. Sch. Not Val. Pub. 14b(1). Bacillus panis Migula 1900, 576. Ind. Berg. 222. q.v.
- B. mesentericus var. pumilis Krasil'nikov 1949, 564. Var. Sch. Val. Pub. Leg. Bacillus mesentericus Trevisan 1889, 19. Ind. Berg. 205. q.v.
- B. mesentericus var. teres Krasil'nikov 1949, 564. Var. Sch. Val. Pub. Leg. Source: Soil, water, milk.
- B. metatyphi Pribram 1919, 117. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Der Metatyphysbazillus, Mandelbaum 1907, 1768. Source: Typhoid fever (Metatyphus).
- B. molestus Thiele 1906, 171. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Source: Clay soil.
- B. monachae (von Tubeuf) Eckstein 1894, 6. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Bacillus B. Hofmann 1891, 327. Bacterium monachae von Tubeuf 1892, 41. Bacillus hofmann (sic) Eckstein 1894, 7. Bacillus hofmanni Migula 1900, 742. Bacillus flacheriae Filatoff 1904, 664. Salmonella monachae (von Tubeuf) Pribram 1933, 61. Source: Diseased caterpillars of the nun moth (Lymantria monachae).

- B. mucosus var. orae Krasil'nikov 1949, 584. Var. Sch. Val. Pub. Leg.
Source: Soil.
- B. mucosus var. rarus Krasil'nikov 1949, 584. Var. Sch. Val. Pub. Leg.
Source: Soil, water.
- B. myophagus cuniculi Phisalix 1900, 950. Sp. Sch. Not Val. Pub. 14a(1).
Source: Spontaneously diseased rabbits.
- B. new jersey Lipman 1903, 192. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com.
Source: Cow manure.
- B. new jersey var. Lipman 1903, 197. Var. Sch. Not Val. Pub. 14a(1).
Source: Cow manure.
- B. nitrosus Maggi, 1887, 326. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com.
Source: Water.
- B. omelianskii Serbinov 1915, 96. Sp. Sch. Val. Pub. Leg. Not Bacillus omelianskii Henneberg 1922, 276. Ind. Berg. 218, q.v.
Source: Diseased sorghum (sorghum blight.)
- B. ornithopi Beyerinck 1890, 843. Sp. Sch. Not Val. Pub. 14a(2). Rhizobium ornithopi (Beyerinck) Krasil'nikov 1949, 416. q.v.
- B. orpheus (White) McCray 1917, 410. Sp. Sch. Val. Pub. Leg. Bacillus orpheus White 1912, 3. Bacterium orpheus (sic) (White) Topley in Medical Research Council 1936, 39.
Source: Honey bee larvae infected with European foulbrood.
- B. orpheus White 1912, 3. Sp. Sch. Not Val. Pub. 14a(2). Bacillus orpheus (White) McCray 1917, 410. q.v.
- B. ovis Krasil'nikov 1949, 464. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Salmonella abortus-ovis (Lovell) Salmonella Subcommittee 1934, 340. Ind. Berg. 922. q.v.
Comment: Krasil'nikov (1949, 464) incorrectly cites as a synonym Bacillus ovis Schermer et Ehrlich 1922.
- B. oxyphilus Ford 1903, 49. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Eberthella oxyphila (Ford) Bergey et al. 1923, 224. Ind. Berg. 541. q.v.
Comment: Bergey et al. 1923, 224 and Index Berg. 1966, 365 incorrectly cite as Bacterium oxyphilum Ford.
- B. palustris var. gelaticus Sickles and Shaw 1934, 418. Var. Sch. Val. Pub. Leg. Bacillus agaryltyticus Krasil'nikov 1949, 623.
Source: Swamp and other uncultivated soils.
- B. paratuberculosis bovis Hutyrá, Marek and Manninger 1938, 543. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Mycobacterium paratuberculosis Bergey et al. 1923, 374. Ind. Berg. 730. q.v.
- B. partum (Prévot) Krasil'nikov 1949, 633. Sp. Sch. Val. Pub. Leg. Clostridium partum Prévot 1938, 85. Ind. Berg. 481. q.v.
- B. pasteurii var. lentus Krasil'nikov 1949, 607. Var. Sch. Val. Pub. Leg.
Source: Soil.
- B. pilluliformans (sic) Müller-Thurgau 1908, 354. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Bacterium pilluliformans (Müller-Thurgau) Migula 1900, 513.
Source: Diseased Ingelheimer red wine.
Original reference to Müller-Thurgau (1894, 92) III Jahresbericht der Versuchstation und Schule für Obst-Wein-und Gartenbau in Wadenswil für 1892/93, Zürich, not available.
- B. piscicidus Fischel and Enoch 1892, 282. Sp. Sch. Val. Pub. Leg. Not Bacillus piscicidus Migula 1900, 652. Ind. Berg. 230. q.v.
- B. plagarus (sic) (Prévot) Krasil'nikov 1949, 643. Sp. Sch. Val. Pub. Leg. Inflabilis plagarum Prévot 1938, 77. Ind. Berg. 615. q.v.
- B. pleuropneumoniae contagiosae Koneff 1909, 527. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Bacillus pleuropneumoniae equi Koneff 1909, 527. Bacillus pleuropneumoniae contagiosae equorum Koneff 1909, 524.
Source: Contagious pleural pneumonia of a horse in Charkow, Russia.
- B. pleuro-pneumoniae contagiosae Koneff 1909, 524. Sp. Sch. Not Val. Pub. 12d. Bacillus pleuropneumoniae contagiosae Koneff 1909, 527. q.v.

- B. pleuropneumoniae equi Koneff 1909, 524. Sp. Sch. Not Val. Rub. 12d. Bacillus pleuropneumoniae contagiosae Koneff 1909, 527. q.v.
- B. plumbeus Matzuschita 1902, 104. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Grau verflüssigender Bacillus Keck 1890, 54. Source: Well water, Dorpat, Estonia.
- B. pneumosepticus Babes 1889 acc. to Eisenberg 1891, 338. Sp. Sch. Val. Pub; Illeg. Opin. A. Int. Com. not Bacillus pneumosepticus Kruse 1896, 408. Bacterium pneumosepticum (Babes) Migula 1900, 377. Source: Septic pneumonia. Comment: Original reference to: "Babes, 6. Avril 1889, Progrès médical roumain" not available.
- B. pneumosepticus Kruse in Flügge 1896, 408. Sp. Sch. Val. Pub. Illeg. 25d. Opin. A. Int. Com. Not Bacillus pneumosepticus Babes acc. to Eisenberg 1891, 338. Bakterien der croupösen Pneumonie, Klein 1889, 627. Bacterium pneumonisepticum (Kruse) Heim 1898, 337. Source: Croupous pneumonia.
- B. populi Brizi 1907, 381. Sp. Sch. Val. Pub. Leg. Source: Galls on branches of poplar trees.
- B. pseudodysentericus Ford 1903, 36. Sp. Sch. Val. Pub. Leg. Illeg. Opin. A. Int. Com. Pseudodysenteriebacillen, Müller 1902, 565. Source: Intestinal contents from patients with dysentery.
- B. pseudoperfringens (Prévot) Krasil'nikov 1949, 644. Sp. Sch. Val. Pub. Leg. Inflabilis pseudo-perfringens Prévot 1938, 77. Ind. Berg. 615. q.v.
- B. psychrophilus Larkin and Stokes 1967, 894. Sp. Sch. Val. Pub. Leg. Source: Soil and river water.
- B. psychrosaccharolyticus Larkin and Stokes 1967, 890. Sp. Sch. Val. Pub. Leg. Source: Soil and lowland marshes.
- B. putrefaciens Ray 1901, 149. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Not Bacillus putrefaciens McBryde 1911, 50. Ind. Berg. 242. q.v.
- Source: Bacterial disease on seedlings of bean, lupin, wheat, oat, sunflower and radish.
- B. pyogenes caprae Dammann and Freese 1908, 406. Sp. Sch. Not Val. Pub. 14a(1). Source: Pneumonia and mastitis in goats.
- B. (Leptothrix ?) pyogenes filiformis Flexner 1896, 211. Sp. Sch. Not Val. Pub. 14a(1). Leptothrix filiformis Castellani and Chalmers 1919, 1068. q.v.
- B. rabaulensis Mumford and Mohr 1944, 9. Sp. Sch. Not Val. Pub. 14a(2). Shigella rabaulensis Prévot in Hauduroy et al. 1953, 571. q.v.
- B. racemilacticus Nakayama and Yanoshi 1967, 150. Sp. Sch. Val. Pub. Leg. Source: Rhizosphere of various plants in the vicinity of Yamanashi University, Japan.
- B. radicicola Beyerinck 1888, 726. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Bacterium radicicola (Beyerinck) Prazmowski 1890, 204. Rhizobium radicicola (Beyerinck) Hiltner and Störmmer 1903, 269. Pseudomonas radicicola (Beyerinck) Moore 1905, 27. Rhizomonas radicicola (Beyerinck) Orla Jensen 1909, 328. Source: Root nodules on red clover (Trifolium pratense).
- B. radicicola var. brassicae Cauda 1919, 177. Var. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Source: Turnip (Brassica napus).
- B. radicicola var. fabae Beyerinck 1888, 764. Var. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Source: Root nodules on broad bean (Vicia faba).
- B. radicicola var. hirsutae Beyerinck 1888, 766. Var. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Source: Root nodules on vetch (Vicia hirsuta).
- B. radicicola var. lathyri Beyerinck 1888, 767. Var. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Source: Root nodules on legumes (Lathyrus tuberosus, L. sativus).

- B. radicicola var. lupini Beyerinck 1888, 770. Var. Sch. Val. Pub. Illeg. Opin. A. Int. Com.
Source: Root nodules on lupine (Lupinus polyphyllus).
- B. radicicola var. psi Beyerinck 1888, 767. Var. Sch. Val. Pub. Illeg. Opin. A. Int. Com.
Source: Root nodules on pea.
- B. radicicola var. trifoliorum Beyerinck 1888, 767. Var. Sch. Val. Pub. Illeg. Opin. A. Int. Com.
Source: Root nodules on red clover (Trifolium pratense).
- B. rectale (sic) (Hauduroy et al.) Krasil'nikov 1949, 230. Sp. Sch. Not Val. Pub. 12d. Eubacterium rectale (Hauduroy et al.) Prévot 1938, 294. Ind. Berg. 566. q.v. Krasil'nikov (1949, 230) incorrectly cites: "Bacillus rectale Grooten (acc. to Prévot)".
- B. repens var. indifferens Krasil'nikov 1949, 619. Var. Sch. Val. Pub. Leg. Source: Soil.
- B. rodelli Krasil'nikov 1949, 636. Sp. Sch. Val. Pub. Illeg. 24b. Plectridium fluxum Prévot 1938, 87. Ind. Berg. 822. q.v.
- B. rosarum Scalia 1903, 78. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Source: Diseased roses.
- B. rubroluteus Pangalos 1929, 1098. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Serratia rubroluteus (Pangalos) Hauduroy et al. 1937, 476. Source: Febrile infection after curettage.
- B. rusticus var. barbatus Krasil'nikov 1949, 598. Var. Sch. Val. Pub. Illeg. 24b. Bacterium radiatum Kern, 1896, 438. Ind. Berg. 378. q.v.
- B. rusticus var. rugulosus Krasil'nikov 1949, 598. Var. Sch. Val. Pub. Leg. Source: Water, soil.
- B. rusticus var. spissus Krasil'nikov 1949, 598. Var. Sch. Val. Pub. Leg. Bacillus spissus (Kern) Matzschita 1902, 164. Ind. Berg. 261. q.v.
- B. saccharalis Owen 1916, 239. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Source: Sugar cane infected with the cane borer (Diatraea saccharalis).
- B. saccharobutyricus liquefaciens McCoy, Fred, Peterson and Hastings 1930, 120. Sp. Sch. Not Val. Pub. 14a(1). Source: Soil and other sources.
- B. satinus Nadson 1906, 469. Sp. Sch. Val. Pub. Leg. Source: Water and mud from the bottom of Weissowo-Lake near Slawjansk, district Charkow, USSR.
- B. salpae Kaiser 1961, 225. Sp. Sch. Val. Pub. Leg. Source: Intestines of a fish.
- B. sardiniensis (Prévot) Krasil'nikov 1949, 647. Sp. Sch. Val. Pub. Leg. Clostridium sardiniensis Prévot 1938, 81. Ind. Berg. 483. q.v.
- B. sartagoformis (sic) (Partansky and Henry) Krasil'nikov 1949, 637. Sp. Sch. Val. Pub. Leg. Clostridium sartagoformum Partansky and Henry 1935, 564. Ind. Berg. 483. q.v.
- B. sempervivus (Migula) Krasil'nikov 1949, 610. Sp. Sch. Val. Pub. Illeg. 24b. Bacillus flueggeanus Mez 1898, 31. Ind. Berg. 166. q.v.
- B. sextum (sic) (Heller) Krasil'nikov 1949, 648. Sp. Sch. Val. Pub. Leg. Hiblerillus sextus Heller 1922, 17. Ind. Berg. 609. q.v.
- B. siliceus Brussoff 1933, 20. Sp. Sch. Val. Pub. Leg. Source: Mud from Aachen sulfated bath "Kaiserquelle", Germany.
- B. simplex var. lactis I Krasil'nikov 1949, 585. Var. Sch. Not. Val. Pub. 14b(1). Source: Milk.
- B. sotto var. pailoti Prévot in Hauduroy et al. 1953, 82. Var. Sch. Val. Pub. Leg. Bacille sotto var. française, Paillet 1930, 220. Source: Diseased silkworms (Bombyx mori).
- B. sphaericus var. pseudoteticus aerobius Krasil'nikov 1949, 618. Var. Sch. Not Val. Pub. 14b(1). Source: Soil.
- B. spumarum (sic) (Prévot and Pochon) Krasil'nikov 1949, 642, Sp. Sch. Val. Pub. Leg.

- Clostridium spumarum (Prévot and Pochon) Spray 1948, 808. Ind. Berg. 845. q.v.
- B. stellatus Hollande 1934, 505. Sp. Sch. Val. Pub. Illeg. 25d. Not Bacillus stellatus Zimmerman 1893, 90. Ind. Berg. 263. q.v. Not Bacillus stellatus Greig Smith 1900, 460. Ind. Berg. 263. q.v. Not Bacillus Stellatus Chester 1901, 274. Ind. Berg. 263. q.v. Not Bacillus stellatus Vincent 1907, 69. Ind. Berg. 263. q.v. Source: Intestine of cockroach Periplaneta orientalis.
- B. submergens Gratz and Vas 1914, 506. Sp. Sch. Val. Pub. Leg. Source: Liptauer cheese.
- B. subtilis var. amyloliquefaciens Fukada 1953, 747. Var. Sch. Val. Pub. Leg. Source: A herbal plant.
- B. subtilis var. galleriae (Chorine) Krieg 1961, 224. Var. Sch. Val. Pub. Leg. Clostridium galleriae Hauduroy et al. 1953, 151. Ind. Berg. 477. q.v.
- B. subtilis var. ramie Nakahama and Nishimura 1938, 491. Var. Sch. Val. Pub. Leg. Source: Retting of ramie.
- B. subviscosus (Migula) Krasil'nikov 1949, 600. Sp. Sch. Val. Pub. Illeg. 24b. Alcaligenes viscolactis (Mez) Breed 1957, 298. Ind. Berg. 81. q.v. acc. to Migula (1900, 326): "Bacterium subviscosum bildet Sporen deren Keimung jedoch bisher nicht beobachtet worden ist."
- B. sulfhydrycus Schmidt 1892, 17. Sp. Sch. Not Val. Pub. 12c(3). Source: Sulfur springs in Latvia.
- B. thermicus Griffiths 1894, 274. Sp. Sch. Val. Pub. Leg. Source: Sweet ensilage.
- B. thermoacidophilus (Damon and Feirer) Krasil'nikov 1949, 638. Sp. Sch. Val. Pub. Leg. Clostridium thermoacidophilus (sic) Damon and Feirer 1925, 41. Ind. Berg. 485. q.v.
- B. thermophilus anaerobicus Jemelyanchik and Borisova 1941, 238. Sp. Sch. Not Val. Pub. 14a(1). Clostridium thermophilum Jemelyanchik and Borisova 1941, 238. q.v.
- B. thermophilus jivoini Georgevitch 1910, 150. Sp. Sch. Not Val. Pub. 14a(1). Bacillus jivoini (sic) Krasil'nikov 1949, 607. q.v.
- B. thermophilus jivoini (sic) Georgevitch 1910, acc. to Krasil'nikov 1949, 607. Sp. Sch. Not Val. Pub. 14a(1). Bacillus jivoini (sic) Krasil'nikov 1949, 607. q.v. Comment: Variant spelling of Bacillus thermophilus jivoini.
- B. thermoputrificus (Damon and Feirer) Krasil'nikov 1949, 638. Sp. Sch. Val. Pub. Leg. Clostridium thermoputrificum Damon and Feirer 1925, 39. Ind. Berg. 486. q.v.
- B. thuringiensis (ser.) 7 aizawai Bonnefoi and de Barjac 1963, 225. Ser. Sch. Bacillus thuringiensis var. aizawai Heimpel 1967, 290. q.v.
- B. thuringiensis var. aizawai Heimpel 1967, 290. Var. Sch. Val. Pub. Leg. Bacillus thuringiensis (ser.) 7 aizawai Bonnefoi and de Barjac 1963, 225. Source: Isolated in Japan by Dr. Aizawa.
- B. thuringiensis var. amuscatoxicus Heimpel 1967, 290. Var. Sch. Val. Pub. Leg. Comment: Heimpel (1967) states that the Czechoslovakian strain Bacillus 058 of Burgerjon and de Barjac (1964) is henceforth designated B. thuringiensis var. amuscatoxicus.
- B. thuringiensis var. anagastae Heimpel 1967, 291. Var. Sch. Val. Pub. Leg. Bacillus thuringiensis (ser.) 8 morrisoni Bonnefoi and de Barjac 1963, 226. Source: Larva of Galleria mellonella.
- B. thuringiensis (ser.) berliner de Barjac and Bonnefoi 1963, 229. Ser. Sch. Bacillus thuringiensis Berliner 1915, 39. Ind. Berg. 275. q.v.
- B. thuringiensis (ser.) 4b dendrolimus Bonnefoi and de Barjac 1963, 229. Ser. Sch. Bacillus dendrolimus Talalaev 1956, 101. Ind. Berg. 150 q.v.

- B. thuringiensis var. entomocidus Heimpel 1967, 292. Var. Sch. Val. Pub. Leg. Bacillus entomocidus Heimpel and Angus 1958, 531. Ind. Berg. 159. q.v.
- B. thuringiensis (ser.) 6 entomocidus Bonnefoi and de Barjac 1963, 229. Ser. Sch. Bacillus entomocidus Heimpel and Angus 1958, 531. Ind. Berg. 159. q.v.
- B. thuringiensis var. euxoae Krieg 1961, 234. Var. Sch. Val. Pub. Leg. Bacillus cereus var. euxoae Toumanoff and Le Corroller 1959, 686. Ind. Berg. 138. q.v.
- B. thuringiensis (ser.) 2 finitimus Bonnefoi and de Barjac 1963, 229. Ser. Sch. Bacillus finitimus Heimpel and Angus 1958, 539. q.v.
- B. thuringiensis var. galleriae Heimpel 1967, 368. Var. Sch. Val. Pub. Leg. Bacillus cereus var. galleriae Toumanoff and Le Corroller 1959, 682. q.v.
- B. thuringiensis (ser.) kenyae Norris and Burges 1963, 469. Ser. Sch. Ser. 4c of strain P11 94, Bonnefoi and de Barjac 1963, 229. Source: Insect larvae of the genus Cadra.
- B. thuringiensis (ser.) 8 morrisoni Bonnefoi and de Barjac 1963, 226. Ser. Sch. Bacillus thuringiensis var. anagastae Heimpel 1967, 291. q.v.
- B. thuringiensis var. pacificus Heimpel 1967, 290. Var. Sch., Val. Pub. Leg.
- B. thuringiensis (ser.) 4a sotto de Barjac and Bonnefoi 1963, 229. Ser. Sch. Bacillus sotto (Métalnikov and Chorine) Paillot 1928, 94. Ind. Berg. 260. q.v.
- B. thuringiensis (ser.) 6 subtoxicus Bonnefoi and de Barjac 1963, 229. Ser. Sch. Bacillus entomocidus var. subtoxicus Heimpel and Angus 1958, 539. q.v.
- B. thuringiensis var. subtoxicus Heimpel 1967, 292. Var. Sch. Val. Pub. Leg. Bacillus entomocidus var. subtoxicus Heimpel and Angus 1958, 539. q.v.
- B. tropidonatus (sic) Krasil'nikov 1949, 168. Sp. Sch. Val. Pub., Illeg. Opin. A. Int. Com. Mycobacterium tropidonotum Bergey et al. 1923, 376. Ind. Berg. 733. q.v. Comment: Krasil'nikov (1949, 168) incorrectly ascribes the name to Sibley 1889, 104.
- B. ureolyticus (Prévot) Krasil'nikov 1949, 644. Sp. Sch. Val. Pub. Leg. Clostridium ureolyticum Prévot 1938, 85. Ind. Berg. 486. q.v.
- B. valerianicus (Prévot) Krasil'nikov 1949, 644. Sp. Sch. Val. Pub. Leg. Clostridium valerianicum Prévot 1938, 84. Ind. Berg. 486. q.v.
- B. valericus Griffiths 1894, 274. Sp. Sch. Val. Pub. Leg. Source: Ensilage.
- B. vermiculoides Castellani 1925, 220. Sp. Sch. Val. Pub. Illeg. Opin. A. Int. Com. Bacterium vermiculoides (Castellani) Topley in Medical Research Council 1936, 45. Source: Cases of atypical mycotic stomatitis.
- B. violaceus Sartory, Meyer and Waeldelé 1938, 951. Sp. Sch. Val. Pub. Illeg. 25d. Not Bacillus violaceus (Schroeter); Schroeter 1886, 157. Ind. Berg. 286. q.v. Not Bacillus violaceus (sic) Eisenberg 1891, 91. Not Bacillus violaceus Frankland and Frankland 1889, 394. Not. Bacillus violaceus Chester 1901, 262. Source: Pus from a dental abscess.
- B. violaceus diffusus Ajtai 1897, 666 Sp. Sch. Not Val. Pub. 14a(1). Source: Danube water.
- B. viridis septicus Ajtai 1897, 664. Sp. Sch. Not Val. Pub. 14a(1) Source: Danube water.
- B. viscosus odoraceus Jung 1894, 641. Sp. Sch. Not Val. Pub. 12d. Bacterium viscosum odoraceum (Jung) Heim 1898, 328. Bacillus chromicolor Matsushita 1902, 234. Ind. Berg. 140, q.v. Comment: Jung in an abstract of Freund's dissertation (1894, 641) incorrectly cited Bacillus viscosus odoraceus for Bacillus viscosus ochraceus Freund 1893, 44.

- B. vranjensis Krasil'nikov 1949, 607. Sp. Sch. Val. Pub. Leg. Bacillus thermophilus vranjensis Georgevitch 1910, 201. Ind. Berg. 274. q.v.
- B. vulgaris Beyerinck 1893, 835. Not Val. Pub. 12d. Not Bacillus vulgaris (Hauser) Macé 1889, 563. Ind. Berg. 288. q.v. Bacillus liquefaciens vulgaris Beyerinck 1893, 835. q.v.
- B. welchii (Migula) Topley in Medical Research Council 1936, 27. Sp. Sch. Val. Pub. Illeg. 24b. Opin. A. Int. Com. Bacillus emphysematosis maligni Wicklein 1891, 91. Ind. Berg. 157. q.v.
- B. welchii Type A Wilsdon 1931, 72. Ser. Sch. Bacillus perfringens Veillon and Zuber 1898, 539. Ind. Berg. 227. q.v.
- BACILLINEAE (sic) Pribram 1929, 374. Subtribe Sch. Val. Pub. Leg. Type gen: Bacillus Cohn 1892, 175.
- BACILLOMYCETALES Pribram 1929, 373. Order Sch. Val. Pub. Leg. 2nd Order of Subclass Mycobacteria Pribram 1929, 372.
- BACTÉRIDIES Davaine 1864, 195. A casual name given to organisms causing anthrax-like disease.
- BACTERIDIUM capillosum Kaiser 1961, 227. Sp. Sch. Val. Pub. Leg. Source: Intestine of a fish.
- B. fulminans (Schrire and Greenfield) Prévot 1961, 336. Sp. Sch. Val. Pub. Leg. Bacillus fulminans Schrire and Greenfield 1929, 318. Ind. Berg. 171. q.v.
- B. funicularis (Kluyver and van Niel) Prévot 1961, 339. Sp. Sch. Val. Pub. Leg. Bacillus funicularius Kluyver and van Niel 1926, 524. Ind. Berg. 172. q.v.
- B. lentimorbus (Dutky) Prévot 1961, 339. Sp. Sch. Val. Pub. Leg. Bacillus lentimorbus Dutky 1940, 57. Ind. Berg. 194. q.v.
- B. panis (Migula) Prévot 1961, 336. Sp. Sch. Val. Pub. Leg. Bacillus panis Migula 1900, 576. Ind. Berg. 222. q.v. Comment: Prévot (1961, 336) incorrectly cites Bacteridium panis to Migula 1900, 576.
- B. thermophilum Jacob 1961, 413. Sp. Sch. Val. Pub. Leg.
- BACTÉRIES (sic) Maggi 1886, 81. Class Sch. Val. Pub. Illeg. 1. Vernacular spelling of Bacteria including orders: Photobactéries (sic) and Sphaerobactéries (sic) Maggi 1886, 81.
- BACTERIOPHYTA Steinecke, 1931, 140. Phylum Sch. Val. Pub. Leg. Comment: The first phylum of the Division. Includes two classes: Autobacteria Steinecke 1931, 140, and Heterobacteria Steinecke 1931, 141.
- BACTERIUM aceris (Ark) Tešić 1949, 91. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Not Bacterium aceris (Edson and Carpenter) Krasil'nikov 1949, 443. Ind. Berg. 105. q.v. Pseudomonas aceris (Ark) Starr and Burkholder 1942, 601. Ind. Berg. 853. q.v.
- B. acetii var. agile Beijerinck 1898, 216. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Acetobacter acetii var. agile (sic) (Beijerinck) Asai 1968, 92. q.v. Comment: In Ind. Berg. 295. B. acetii var. agile incorrectly ascribed to Hoyer 1898.
- B. acidi lactici vini d. Müller-Thurgau 1908, 396. Sp. Sch. Not Val. Pub. 14a(1). Source: Diseased wine.
- B. acidi lactici vini f. Müller-Thurgau 1908, 396. Sp. Sch. Not Val. Pub. 14a(1). Source: Diseased wine.
- B. acridiorum (d'Herelle) Topley in Medical Research Council 1936, 28. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Cillopas-teurella acridiorum (d'Herelle) Prévot 1953, 131. Ind. Berg. 464. q.v.
- B. adipis Gratz and Vas 1914, 501. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Source: Liptauer cheese.
- B. agaricum Krasil'nikov 1949, 439. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Agarbacterium mesentericum Angst 1929, 52. Ind. Berg. 74. q.v.

- B. agarogenes** Lentz 1948, 571. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Source: Uncleaned shred agar.
- B. agile** var. **stutzeri** Krasil'nikov 1949, 440. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. *Pseudomonas stutzeri* (Lehmann and Neumann) Haynes 1957, 115. Ind. Berg. 886. q.v.
- B. agilis apis** No. 3, Kostitsky 1935, 218. Sp. Sch. Not. Val. Pub. 14a(1). *Bacterium apis* No. 3, Métnalnikov and Kostitsky 1933, 1291. Ind. Berg. 302. q.v.
- B. agrotidis typhoides** (Pospelov) Krasil'nikov 1949, 410. Sp. Sch. Not Val. Pub. 14a(1). *Bacillus agrotidis* Hauduroy et al. 1953, 63. Ind. Berg. 110. q.v.
- B. albo-luteum** Nadson 1906, 469. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Source: Mud from Weissowo-Lake near Slawjansk, district Charkow.
- B. alkalofetidum** (Castellani) Topley in Medical Research Council 1936, 28. Sp. Sch. Val. Pub. Illeg. 24b. Opin. 4. Jud. Com. *Alkaligenes alkalofetidus* (sic) (Castellani) Castellani 1930, 135. Ind. Berg. 79. q.v.
- B. alliiicola** (Burkholder) Tešić 1949, 123. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. *Pseudomonas alliiicola* (Burkholder) Starr and Burkholder 1942, 601. Ind. Berg. 855. q.v.
- B. aminovorans** (den Dooren de Jong) Topley in Medical Research Council 1936, 28. Sp. Sch. Val. Pub. Illeg. 24b. Opin. 4. Jud. Com. *Bacillus aminovorans* den Dooren de Jong 1926, 157. Ind. Berg. 113. q.v.
- B. aminovorans** β (den Dooren de Jong) Topley in Medical Research Council 1936, 28. Sp. Sch. Not Val. Pub. 14a(1). *Pseudomonas aminovorans* β den Dooren de Jong 1926, 161. Ind. Berg. 855. q.v.
- B. aminovorans** γ (den Dooren de Jong) Topley in Medical Research Council 1936, 28. Sp. Sch. Not Val. Pub. 14a(1). *Pseudomonas aminovorans* γ den Dooren de Jong 1926, 161. Ind. Berg. 855. q.v.
- B. albus putidus** (sic) (Maschek) Chester 1897, 92. Sp. Sch. Not Val. Pub. 14a(1) *Bacterium impudicum* Mezl 1898, 58. Ind. Berg. 343. q.v.
- B. aphidinum** Schoel 1934, 185. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Source: Symbiosis with three species of plant lice: *Cavariella aegopodii* Scop., *Doralis saliceti* La, *Megoura viciae* Buckt.
- B. apisepticum** (Burnside) Krasil'nikov 1949, 477. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. *Bacillus apisepticus* Burnside 1928, 381. Ind. Berg. 117. q.v.
- B. apivorum** (sic) (Wormald) Krasil'nikov 1949, 444. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. *Bacillus apivorus* Wormald 1914, 217. Ind. Berg. 117. q.v.
- B. asiaticum-mobile** (Castellani) Topley in Medical Research Council 1936, 29. Sp. Sch. Not Val. Pub. 14a(1). *Salmonella asiatica* var. *mobilis* Castellani and Chalmers 1919, 940. Ind. Berg. 927. q.v.
- B. azotobacter chroococcum** Schoel 1934, 170. Sp. Sch. Not Val. Pub. 14a(1). Source: Soil high in humous.
- B. barbareae** (Burkholder) Tešić 1949, 71. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. *Xanthomonas barbareae* Burkholder 1948, 154. Ind. Berg. 1195. q.v.
- B. barbone** Heim 1898, 321. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bakterien der Barbonekrankheit, von Rátz 1896, 290. Source: Blood and spleen from a buffalo in Hungary.
- B. berolinense** (Migula) Heim 1898, 341. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. *Pseudomonas berolinensis* Migula 1895, 29. Ind. Berg. 858. q.v.
- B. bisenziense** Kossowicz 1909, 760. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Source: Fermenting cucumbers.
- B. bonasse** Heim 1898, 337. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Eine bestimmte Bakterien-species, Klein 1889, 38. Source: Lung and liver from a diseased grouse.

- B. brunigenum putrefaciens (Tauffer) Heim 1898, 346. Sp. Sch. Not Val. Pub. 14a(1). Bacillus brunigenus putrefaciens Tauffer 1898, 1244. q.v.
- B. bufo (Angst) Krasil'nikov 1949, 440. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Agarbacterium bufo Angst 1929, 53. Ind. Berg. 74. q.v.
- B. cajae (Picard and Blanc) Krasil'nikov 1949, 479. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Pasteurella cajae (Picard and Blanc) Hauduroy et al. 1953, 369. Ind. Berg. 787. q.v.
- B. calco-aceticum Liebert 1909, 991. Sp. Sch. Not Val. Pub. 12c(3). Pseudomonas calco-acetica (Beijerinck) den Dooren de Jong 1926, 105. Comment: The entry: Bacterium calco-aceticum Liebert 1909, 991 in Ind. Berg. 312 has been reevaluated.
- B. canariense (Migula) Topley in Medical Research Council 1936, 30. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus canariensis Migula 1900, 770. Ind. Berg. 132. q.v.
- B. capsulatum misothermum (Herzfeld and Herrmann) Heim 1898, 328. Sp. Sch. Not Val. Pub. 14a(1). Bacillus herrmanni Migula 1900, 647. Ind. Berg. 181. q.v.
- B. capsulatum proteideum Heim 1898, 324. Sp. Sch. Not Val. Pub. 14a(1). Klebsiella bordonii Trevisan 1889, 25. Ind. Berg. 620. q.v.
- B. carnegieanum (Lightie, Standring and Brown) Tešić 1949, 163. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Erwinia carnegieana Lightie, Standring and Brown 1942, 310. Ind. Berg. 554. q.v.
- B. caryophyllii (Burkholder) Tešić 1949, 133. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Pseudomonas caryophyllii (Burkholder) Starr and Burkholder 1942, 601. Ind. Berg. 859. q.v.
- B. ceylonense A (Castellani) Topley in Medical Research Council 1936, 30. Sp. Sch. Not Val. Pub. 14a(1). Shigella sonnei (Levine) Weldon 1927, 182. Ind. Berg. 1019. q.v.
- B. ceylonense B (Castellani) Topley in Medical Research Council 1936, 30. Sp. Sch. Not Val. Pub. Shigella dispar (Andrewes) Bergey et al. 1930, 364. Ind. Berg. 1017. q.v.
- B. chordale Isachenko 1914, 214. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Source: Sediments from the Lake Mogil'noye.
- B. chlorometamorphicum Macchiati 1904, 239. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Source: A delicate green sediment in distilled water.
- B. chlorophyllophorum Vinberg and Sivko 1952, 144. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Source: Pond water near Minsk, USSR.
- B. chylogenum (Ford) Krasil'nikov 1949, 468. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Eberthella chylogena (Ford) Bergey et al. 1923, 224. Ind. Berg. 540. q.v.
- B. cissicola (Takimoto) Tešić 1949, 119. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Pseudomonas cissicola (Takimoto) Burkholder 1948, 134. Ind. Berg. 861. q.v.
- B. citrovorum Krasil'nikov 1949, 460. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacterium coli citrovorum Minkewitsch 1930, 189. Ind. Berg. 319. q.v.
- B. cloacae var. insecticolens Krasil'nikov 1949, 455. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Proteus insecticolens Steinhaus 1941, 767. Ind. Berg. 841. q.v.
- B. coli var. alactosum Braak 1928, 47. Var. Sch. Not Val. Pub. 12c(3).
- B. coli var. galactophilum Krasil'nikov 1949, 459. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Escherichia galactophila (Ford) Bergey et al. 1923, 202. Ind. Berg. 562. q.v.
- B. coli var. infusioenum (Beijerinck) Braak 1928, 205. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Aerobacter coli var. infusioenum Beijerinck 1900, 201. q.v.
- B. coli var. neapolitanum Topley and Wilson 1929, 446. Var. Sch. Val. Pub. Leg. Bacillus neapolitanus Flügge 1886, 270. Ind. Berg. 213. q.v.

- B. coli virulentum Pottien 1896, 143. Sp. Sch. Not Val. Pub. 14a(1). Source: Case of cholera nostras.
- B. colifoetidum (sic) (Castellani) Topley in Medical Research Council 1936, 31. Sp. Sch. Val. Pub. Illeg. 24b. Opin. 4. Jud. Com. Escherichia colifoetida Castellani 1930, 634. Ind. Berg. 561. q.v.
- B. communius (sic) Topley in Medical Research Council 1936, 32. Sp. Sch. Val. Pub. Illeg. 24b. Opin. 4. Jud. Com. Escherichia coli var. communior (Topley and Wilson) Yale 1939, 393. Ind. Berg. 561. q.v.
- B. conglobatum Zeetti 1937, 455. Sp. Sch. Val. Pub. Illeg. Opin. 4, Jud. Com. Inflabilis rectus var. conglobatum Prévot 1948, 142. q.v.
- B. coronatum (Keck) Pribram 1919, 1. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus coronatus Keck 1890, 43. Ind. Berg. 146. q.v.
- B. corrosivum Zikes 1903, 322. Sp. Sch. Not Val. Pub. 14a(2). Source: Well water. Comment: Original reference Zikes 1902, Mitt. Österr. Versuchst. Brauer. Malzer. Not available.
- B. corylinum (Miller, Bollen, Simmons, Gross and Barsse) Tešić 1949, 71. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Xanthomonas corylina (Miller et al.) Starr and Burkholder 1942, 598. Ind. Berg. 1196. q.v.
- B. costatum (Lloyd) Topley in Medical Research Council 1936, 32. Sp. Sch. Val. Pub. Illeg. 24b. Opin. 4. Jud. Com. Bacillus costatus Lloyd 1931, 90. Ind. Berg. 146. q.v.
- B. cruciviae (Gray and Thornton) Topley in Medical Research Council 1936, 32. Sp. Sch. Val. Pub. Illeg. 24b. Opin. 4. Jud. Com. Achromobacter cruciviae (Gray and Thornton) Bergey et al. 1930, 218. Ind. Berg. 12. q.v.
- B. cumini (Kovachevsky) Tešić 1949, 95. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Pseudomonas cumini (Kovachevsky) Dowson 1943, 10. Ind. Berg. 862. q.v.
- B. cuniculosepticum Heim 1898, 321. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus cuniculi Migula 1900, 758. Ind. Berg. 148. q.v.
- B. cyaneum Leonard 1904, 398. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Not Bacterium cyaneus (sic) (Schroeter) White 1906, 16. Source: Air plates in laboratory at University of Southern California.
- B. cyaneus (sic) (Schroeter) White 1906, 16. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Not Bacterium cyaneum Leonard 1904, 398. Micrococcus cyaneus (Schroeter) Cohn 1872, 156. Ind. Berg. 679. q.v.
- B. cyanicola Korinek 1928, 98. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Source: Calcareous mineral spring.
- B. cycloclastes var. jophagum (sic) Krasil'nikov 1949, 442. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Achromobacter iophagus (Gray and Thornton) Bergey et al. 1930, 204. Ind. Berg. 15. q.v.
- B. cystinovorum (Barber and Burrows) Topley in Medical Research Council 1936, 32. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Achromobacter cystinovorum (sic) Barber and Burrows 1936, 600. Ind. Berg. 12. q.v.
- B. cytaseum (McBeth and Scales) Holland 1920, 218. Sp. Sch. Not Val. Pub. 12c(1). Bacillus cytaseus McBeth and Scales 1913, 39. Ind. Berg. 149. q.v.
- B. cytolyticum (Chester) Tešić 1949, 172. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Erwinia cytolytica Chester 1938, 431. Ind. Berg. 554. q.v.
- B. desaiana (Burkholder) Tešić 1949, 96. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Pseudomonas desaiana (Burkholder) Săvulescu 1947, 11. Ind. Berg. 863. q.v.
- B. desmolyticum (Gray and Thornton) Topley in Medical Research Council 1936, 32. Sp. Sch. Val. Pub. Illeg. 24b. Opin. 4. Jud. Com. Achromobacter desmolyticum (sic) (Gray and Thornton) Bergey et al. 1930, 217. Ind. Berg. 13. q.v.

- B. dessicans (sic) (Foster) Krasil'nikov 1949, 450. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus desiccans Foster 1931, 533. Ind. Berg. 152. q.v.
- B. dioxyaceticum Virtanen and Bärklund 1926, 170. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Acetobacter dihydroaceticum (sic) (Virtanen and Bärklund) Janke 1957, 732.
Source: Beet juice.
Comment: In Bergey et al. (1948, 189) and in Ind. Berg. (1966, 326) listed as Bacterium dihydroxyaceticum Virtanen and Bärklund 1926, 170.
- B. diversum (Humm) Krasil'nikov 1949, 441. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Acetobacter diversum (sic) Humm 1946, 63. Ind. Berg. 5. q.v.
- B. ehrenbergii (Trevisan) in De Toni and Trevisan 1889, 1022. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. 24b. Bacterium triloculare Ehrenberg 1828, 8. q.v.
- B. elbvibrionen Krasil'nikov 1949, 478. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Vibrio albensis Lehmann and Neumann 1896, 340. Ind. Berg. 1176. q.v.
- B. empyematos cuniculi Heim 1898, 348. Sp. Sch. Not Val. Pub. 14a(1). Unbewegliche, leicht gekrümmte Stäbchen, Fuchs 1890, 6.
Source: Fetid pleura pus from a dead rabbit.
- B. enteritidis var. blegdam (Kauffmann) Krasil'nikov 1949, 463. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Salmonella blegdam Salmonella Subcommittee 1940, 837. Ind. Berg. 930. q.v.
- B. enteritidis var. chaco (Savino and Menendez) Krasil'nikov 1949, 463. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Salmonella enteritidis var. chaco Savino and Menendez 1934, 384. Ind. Berg. 943. q.v.
- B. enteritidis var. dublin (Salmonella Subcommittee) Krasil'nikov 1949, 463. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Salmonella sp. (ser.) dublin Warren and Scott 1930, 416. Ind. Berg. 941. q.v.
- B. (?) equirulis (de Blicke and van Heelsbergen) Krasil'nikov 1949, 470. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Actinobacillus equuli (van Straaten) Haupt 1934, 514. Ind. Berg. 23. q.v.
- B. erysipelatis-suis (Migula) Topley in Medical Research Council 1936, 34. Sp. Sch. Val. Pub., Illeg. Opin. 4. Jud. Com. Erysipelothrix rhusiopathiae (Migula) Buchanan 1918, 55. Ind. Berg. 558. q.v.
- B. esterificans (Maassen) Krasil'nikov 1949, 614. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus esterificans Maassen 1899, 504. Ind. Berg. 160. q.v.
- B. fabae (Yu) Tešić 1949, 129. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Pseudomonas fabae (Yu) Burkholder 1948, 139. Ind. Berg. 865. q.v.
- B. faecalis-alkaligenes var. radicans Topley in Medical Research Council 1936, 34. Var. Sch. Not Val. 14b(2). Alcaligenes faecalis subsp. radicans Evans 1931, 1677. Ind. Berg. 80. q.v.
- B. fallax (Ornstein) Topley in Medical Research Council 1936, 35. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus fallax Ornstein 1920, 159. Ind. Berg. 162. q.v.
Comment: Topley in Medical Research Council (1936, 35) incorrectly ascribes the name to Braun and Löwenstein.
- B. fimbriatum Krasil'nikov in Kap-tereva and Aseyeva 1967, 970. Sp. Sch. Not Val. Pub. 14a(2). Not Bacterium fimbriatus (sic) (Wright) Chester 1897, 95. Ind. Berg. 331. q.v.
Source: Soil from Crimea.
- B. flavum Heim 1898, 346. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Not. Bacterium flavum Isachenko 1914, 151. Ind. Berg. 332. q.v. Not Bacterium flavum

- (Fuhrmann) Lehmann and Neumann 1912, 392. Typhusbacillen ähnliche Stäbchen, Korn 1897, 438.
Source: Pus from a liver abscess.
- B. flavum (Fuhrmann) Lehmann and Neumann 1912, 392. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Not Bacterium flavum Heim 1898, 346. Not Bacterium flavum Isachenko 1914, 151. Ind. Berg. 332. q.v. Flavobacterium flavum (Fuhrmann) Bergey et al. 1923, 101. Ind. Berg. 575. q.v.
- B. fleuryi (Mariat) Stapp 1956, 224. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Aplanobacter fleuryi Mariat in Fleury and Mariat 1948, 786. q.v.
- B. fluorescens crassus (sic) (Kruse) Chester 1897, 125. Sp. Sch. Not Val. Pub. 14a(1). Bacillus iris Frick 1889, 292. Ind. Berg. 186. q.v.
- B. fluorescens forma a liquefaciens Lehmann and Neumann 1927, 476. Forma Sch.
- B. fluorescens forma β non liquefaciens Lehmann and Neumann 1927, 476. Forma Sch.
- B. fluorescens non liquefaciens Heim 1898, 340. Sp. Sch. Not Val. Pub. 14a(1).
Source: Water.
- B. fluorescens ozaenae Heim 1898, 328. Sp. Sch. Not Val. Pub. 14a(1). Bacillus hajeki Trevisan 1889, 16. Ind. Berg. 180. q.v.
- B. formicum (Omellianski) Topley in Medical Research Council 1936, 35. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Achromobacter formicum (sic) (Omellianski) Bergey et al. 1923, 144. Ind. Berg. 13. q.v.
- B. gallinarum var. duisburg (Smith) Krasil'nikov 1949, 467. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Salmonella gallinarum var. duisburg Smith 1948, 521. q.v.
- B. gardeniae (Burkholder and Pirone) Tešić 1949, 124. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Pseudomonas gardeniae (Burkholder and Pirone) Dowson 1943, 12. Ind. Berg. 867. q.v.
- B. gibsoni (Chorine) Krasil'nikov 1949, 480. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Actinobacillus gibsoni (Chorine) Hauduroy et al. 1953, 5. Ind. Berg. 23. q.v.
- B. gintottensis (sic) (Castellani) Krasil'nikov 1949, 470. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Shigella gintottensis (sic) (Castellani) Hauduroy et al. 1937, 488. q.v.
- B. granulomatis (Aragão and Vianna) Krasil'nikov 1949, 473. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Calymmatobacterium granulomatis Aragão and Vianna 1913, 221. Ind. Berg. 436. q.v.
- B. haemoglobinophilus-canis (Friedberger) Topley in Medical Research Council 1936, 35. Sp. Sch. Not Val. Pub. 14a(1). Haemophilus haemoglobinophilus (Lehmann and Neumann) Murray 1939, 309. Ind. Berg. 602. q.v.
- B. incanae (Kendrick and Baker) Tešić 1949, 73. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Xanthomonas incanae (Kendrick and Baker) Starr and Weiss 1943, 316. Ind. Berg. 1198. q.v.
- B. inconstans (Braun and Löwenstein) Topley in Medical Research Council 1936, 36. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus inconstans Braun and Löwenstein 1923, 1. Ind. Berg. 184. q.v.
- B. indicum-rubrum (Flügge) Topley in Medical Research Council 1936, 36. Sp. Sch. Not Val. Pub. 14a(1). Serratia indica (Eisenberg) Bergey et al. 1923, 88. Ind. Berg. 1014. q.v.
- B. indoloxidans (Gray) Topley in Medical Research Council 1936, 36. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Pseudomonas indoloxidans Gray 1928, 263. Ind. Berg. 870. q.v.
- B. influenzae cuniculi Heim 1898, 338. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus der influenzaartigen Kaninchenseuche, Kraus 1897, 396.

Source: Infectious disease in rabbits.

- B. insecticola** (Steinhaus) Krasil'nikov 1949, 468. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Eberthella insecticola Steinhaus 1941, 769. Ind. Berg. 541. q.v.
- B. insectorum** var. malacosomae Krasil'nikov 1949, 480. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Cillopasteurella insectorum (Hollande and Vernier) Prévot 1953, 132. Ind. Berg. 464. q.v.
- B. insidiosum** var. saprophyticum (Jensen) Těsić 1949, 147. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Corynebacterium insidiosum var. saprophyticum Jensen 1934, 42. Ind. Berg. 504. q.v.
- B. iris** (Frick) Heim 1898, 326. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus iris Frick 1889, 292. Ind. Berg. 186. q.v.
- B. johne** Topley in Medical Research Council 1936, 36. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Mycobacterium paratuberculosis Bergey et al. 1923, 374. Ind. Berg. 730. q.v.
- B. lactis acidii acerbum** McDonnell, 1899, 51. Sp. Sch. Not Val. Pub. 14a(1). Source: Milk.
- B. lactis acidii aromaticum** McDonnell 1899, 49. Sp. Sch. Not Val. Pub. 14a(1). Source: Milk.
- B. lactis acidii mattigenum** McDonnell 1899, 50. Sp. Sch. Not Val. Pub. 14a(1). Source: Milk.
- B. lactis acidii purum** McDonnell 1899, 51. Sp. Sch. Not Val. Pub. 14a(1). Source: Milk.
- B. lacunatum** (Eyre) Topley in Medical Research council 1936, 36. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. 25d. Not Bacterium lacunatus (sic) (Wright) Chester 1897, 110. Ind. Berg. 350. q.v. Moraxella lacunata (Eyre) Lwoff 1939, 173. Ind. Berg. 719. q.v.
- B. lapsus** (Ark) Těsić 1949, 106. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Pseudomonas lapsa (Ark) Starr and Burkholder 1942, 601. Ind. Berg. 872. q.v.
- B. leptinotarse** (sic) (White) Krasil'nikov 1949, 410. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus leptinotarsae White 1928, 71. Ind. Berg. 194. q.v.
- B. lespedezae** (Ayers, Lefebvre and Johnson) Těsić 1949, 73. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Xanthomonas lespedezae (Ayers et al.) Starr 1946, 136. Ind. Berg. 1198. q.v.
- B. lieberti** Migula 1900 acc. to Krasil'nikov 1949, 190. Sp. Sch. Not Val. Pub. 12c(3). Comment: The name not found in Migula 1900.
- B. liquefaciens** var. delicatulum Krasil'nikov 1949, 434. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Achromobacter liquefaciens (Eisenberg) Bergey et al. 1923, 135. Ind. Berg. 15. q.v.
- B. liquefaciens** var. dendriticum (sic) Krasil'nikov 1949, 434. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Achromobacter dendriticum (sic) (Lustig) Bergey et al. 1925, 156. Ind. Berg. 13. q.v.
- B. liquefaciens** var. formosum Krasil'nikov 1949, 434. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Achromobacter formosum (sic) (Ravenel) Bergey et al. 1923, 136. Ind. Berg. 13. q.v.
- B. liquefaciens** var. gasiformans Krasil'nikov 1949, 434. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Achromobacter gasiformans (Eisenberg) Bergey et al. 1923, 127. Ind. Berg. 14. q.v.
- B. liquefaciens** var. healii Krasil'nikov 1949, 434. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Brevibacterium healii (Buchanan and Hammer) Breed 1953, 14. Ind. Berg. 428. q.v.
- B. liquefaciens** var. lipolyticum Krasil'nikov 1949, 434. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Brevibacterium lipolyticum (Huss) Breed 1953, 14. Ind. Berg. 428. q.v.

- B. margaritaceum Migula 1900, 422. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus margaritaceus (Migula) Matzschita 1902, 448. q.v.
- B. melolonthae (Chatton) Krasil'nikov 1949, 480. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus melolonthae Chatton 1913, 1708. Ind. Berg. 204. q.v.
- B. melolonthae liquefaciens Paillot 1933, 108. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus melolonthae var. liquefaciens Paillot 1916a, 533. Ind. Berg. 204. q.v.
- B. methanicum Münz 1915, 46. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Source: Garden soil, ditch water, leaves from aquatic plants (Potamogeton, Elodes and Vallisneria.)
- B. michiganense var. saprophyticum (Jensen) Tesić 1949, 148. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Corynebacterium michiganense var. saprophyticum Jensen 1934, 48. Ind. Berg. 505. q.v.
- B. monachaevon Tubeuf 1892, 41. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus monachae (von Tubeuf) Eckstein 1894, 6. q.v.
- B. mucosum friedländeri Heim 1898, 323. Sp. Sch. Not. Val. Pub. 14a(1). Klebsiella pneumoniae (Schroeter) Trevisan 1887, 94. Ind. Berg. 622. q.v.
- B. neapolitanum (Flügge) Heim 1898, 334. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus neapolitanus Flügge 1886, 270. Ind. Berg. 213. q.v.
- B. neapolitanus (sic) Chester 1897, 138. Sp. Sch. Not Val. Pub. 12c(3). Bacillus neapolitanus Flügge 1886, 270. Ind. Berg. 213. q.v. Comment: Not included in text, but found in the index.
- B. nimipressuralis (Carter) Tesić 1949, 167. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Erwinia nimipressuralis Carter 1945, 423. Ind. Berg. 556. q.v.
- B. nitrosovorum Burgvits 1933, 55. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Source: Soil from Turkestan.
- B. nitrosum Maggi 1887, 328. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Source: Water.
- B. noctuarum (White) Metalnicov and Chorine 1928, 547. Sp. Sch. Not. Val. Pub. 12c(3). Pseudomonas noctuarum (White) Krasil'nikov 1949, 410. Ind. Berg. 876. q.v. Comment: Metalnicov and Chorine (1928) introduced the combination Bacterium noctuarum which they incorrectly ascribe to White (1923 b) who used Bacillus noctuarum.
- B. noctuarum (White) Topley in Medical Research Council 1936, 39. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Pseudomonas noctuarum (White) Krasil'nikov 1949, 410. Ind. Berg. 876. q.v.
- B. oedematum (sic) (de Assis) Krasil'nikov 1949, 467. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Escherichia oedematiens (de Assis) Hauduroy et al. 1953, 245. Ind. Berg. 563. q.v.
- B. oleraceae (Harrison) Burgvits 1935, 139. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Salmonella oleraceae (Harrison) Pribram 1933, 61. Ind. Berg. 974. q.v.
- B. omnivorum (van Hall) Krasil'nikov 1949, 444. Sp. Sch. Not Val. Pub. 12d. Bacillus omnivorus van Hall 1902, 123. Ind. Berg. 218. q.v. Comment: Krasil'nikov (1949, 444) ascribes the name to Harding and Morse. These authors (1910, 250) cite Bacillus omnivorus van Hall 1902, but no evidence of a new combination.
- B. orchitidis (Sherwood, Irwin and Marts) Topley in Medical Research Council 1936, 39. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Flavobacterium orchitidis (sic) Sherwood et al. 1933, 446. Ind. Berg. 577. q.v.
- B. orpheus (sic) (White) Topley in Medical Research Council 1936, 39. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus orpheus (White) McCray 1917, 410. q.v.

- B. ovoideum Heim 1898, 338. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Ein dicker, ovoider Bacillus, Bussenius and Siegel 1897, 128. Source: Blood, saliva, milk and manure of cattle.
- B. para-abortus Vercellana 1936, 227. Sp. Sch. Not Val. Pub. 14a(2). Source: Strain: "Para-abortus suis Bologna von Zanzucchi-Parma."
- B. paracoli anindolicum Hüttemann 1905, 30. Sp. Sch. Not Val. Pub. 14a(1). Source: Intestine of cattle.
- B. paracoli anindolicum aglagopex Hüttemann 1905, 32. Sp. Sch. Not. Val. Pub. 14a(1). Source: Intestines of cattle.
- B. paracoli anindolicum anaerogenes Hüttemann 1905, 31. Sp. Sch. Not Val. Pub. 14a(1). Source: Intestines of cattle.
- B. paragruehthali (Castellani and Chalmers) Topley in Medical Research Council 1936, 39. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus para-gruehthali Castellani and Chalmers 1919, 952. Ind. Berg. 224. q.v.
- B. paramelitense (Séjournant) Pribram 1919, 38. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Micrococcus paramelitensis Séjournant 1913, 829. q.v.
- B. parasiticum (Kützing) Billet 1890, 199. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Leptothrix parasitica Kützing 1847, 220. q.v.
- B. paratyphi alvei (Bahr) Borchert 1966, 223. Sp. Sch. Not Val. Pub. 12d. Salmonella schottmuelleri var alvei Hauduroy and Ehringer 1937, 469. Ind. Berg. 984. q.v. Borchert (1966, 223) states: "Bahr... bezeichnete es als Bact. paratyphi alvei". Bahr (1919, 45) proposed the name Bacillus paratyphi alvei.
- B. paratyphosum-alvei Topley in Medical Research Council 1936, 39. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Salmonella schottmuelleri var alvei Hauduroy et al. 1937. 469. Ind. Berg. 984. q.v.
- B. passiflorae (Reid) Tešić 1949, 125. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Pseudomonas passiflorae (Reid) Burkholder 1948, 138. Ind. Berg. 878. q.v.
- B. pastinator (Goresline) Krasil'nikov 1949, 439. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Achromobacter pastinator Goresline 1933, 442. Ind. Berg. 16. q.v.
- B. pastinator var. alginicum Krasil'nikov 1949, 439. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Alginomonas alginica (Waksman et al.) Kass et al. 1945, 9. Ind. Berg. 81. q.v.
- B. pastinator var. alginovorum Krasil'nikov 1949, 439. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Alginomonas alginovora (Waksman et al.) Käss 1945, 9. Ind. Berg. 81. q.v.
- B. pectinophorae (White and Noble) Krasil'nikov 1949, 477. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus pectinophorae White and Noble 1936, 123. Ind. Berg. 226. q.v.
- B. photuris (Brown) Krasil'nikov 1949, 479. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Proteus photuris Brown 1927, 9. Ind. Berg. 842. q.v.
- B. pictorum (Gray and Thornton) Topley in Medical Research Council 1936, 40. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Achromobacter pictorum (Gray and Thornton) Bergey et al. 1930, 217. Ind. Berg. 17. q.v.
- B. piluliformans (Müller-Thurgau) Migula 1900, 513. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus piluliformans (sic) Müller-Thurgau 1908, 354. q.v.
- B. piscicida Pribram 1919, 8. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Proteus piscicidus versicolor Babes and Riegler 1903, 449. Ind. Berg. 842. q.v.
- B. piscium pyrogenes (Matzuschita) Buchanan and Fulmer 1930, 405. Sp. Sch. Not Val. Pub. 14a(1).

- Bacillus piscium pyogenes Matzschita 1901, 380. Ind. Berg. 231. q.v.
- B. pityocampae Dufrenoy 1919, 288. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com.
- Source: Larvae of processionary moth. (Cnethocampa pityocampa).
- B. plantaginis (Thornberry and Anderson) Tešić 1949, 74. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Xanthomonas plantaginis (Thornberry and Anderson) Burkholder 1948, 161. Ind. Berg. 1200. q.v.
- B. pleuropneumoniae cuniculi Heim 1898, 321. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus der Brustsuche der Kaninchen, Beck 1893, 363.
- Source: Pleuropneumonia in rabbits.
- B. pleuropneumoniae equi Kitt 1893, 297. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus pleuropneumoniae (Migula) Matzschita 1902, 468. Ind. Berg. 231. q.v.
- B. pneumoniae caviarum Strada and Traina 1900, 648. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com.
- Source: Lungs of guinea pig.
- B. pneumosepticum (Kruse) Heim 1898, 337. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Not Bacterium pneumosepticum (Babes) Migula 1900, 377. Bacillus pneumosepticum Kruse in Flügge 1896, 408. q.v.
- B. pneumosepticum (Babes) Migula 1900, 377. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Not Bacterium pneumosepticum (Kruse) Heim 1898, 337. Bacillus pneumosepticus Babes acc. to Eisenberg 1891, 338. q.v.
- Comment: Original reference to Babes (1889, 6, *Progres méd. roumain*) not available.
- B. pollaci (sic) (Pavarino) Krasil'nikov 1949, 451. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus pollacii Pavarino 1911, 235. Ind. Berg. 233. q.v.
- B. polychromaticum Zikes 1903, 322. Sp. Sch. Not. Val. Pub. 14a(2). Bacterium polychromaticum Zikes 1908, 357. q.v.
- B. polychromaticum Zikes 1908, 357. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacterium polychromaticum Zikes 1903, 322.
- Source: Well water.
- B. polygoni (Thornberry and Anderson) Tešić 1949, 127. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Pseudomonas polygoni (Thornberry and Anderson) Burkholder 1948, 140. Ind. Berg. 880. q.v.
- B. potens (Humm) Krasil'nikov 1949, 498. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Acetobacter potens Humm 1946, 63. Ind. Berg. 7. q.v.
- B. primulae (Ark and Gardner) Tešić 1949, 102. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Pseudomonas primulae (Ark and Gardner) Starr and Burkholder 1942, 601. Ind. Berg. 880. q.v.
- B. proteus X2 Topley in Medical Research Council 1936, 41. Sp. Sch. Not Val. Pub. 14a(1). Spezifischer Stamm X2 von Weil-Felix Bacillus, Felix 1916, 873.
- Source: Urine of spotted fever patient in Poland.
- B. proteus X19 Topley in Medical Research Council 1936, 41. Sp. Sch. Not Val. Pub. 14a(1). Strain X19, Felix 1916, 874.
- Source: Cases of spotted fever.
- B. proteus-pseudovateriae Topley in Medical Research Council 1936, 41. Sp. Sch. Not Val. Pub. 14a(1). Proteus pseudovateriae de Assis 1927, 108. Ind. Berg. 842. q.v.
- B. proteus-zenkeri (Matzschita) Topley in Medical Research Council 1936, 42. Sp. Sch. Not Val. Pub. 14a(1). Proteus zenkeri Hauser 1885, 4. Ind. Berg. 843. q.v.
- B. pseudotuberculare orchitophlogogenes Cagnetto 1905, 472. Sp. Sch. Not Val. Pub. 14a(1).
- Source: Spontaneous disease "tuberculoze zoogleique" in guinea pigs.
- B. purpureae Heim 1898, 318. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus haemorrhagicus Kolb 1891, 82. Ind. Berg. 180. q.v.

- B. pyogenes fischeri Heim 1898, 335. Sp. Sch. Not Val. Pub. 14a(1). Pyobacterium fischeri Küttner 1895, 265. Ind. Berg. 894. q.v.
- B. pyogenes ramosum Stefansky 1902, 91. Sp. Sch. Not. Val. Pub. 14a(1). Bacterium ramosum Pribram 1919, 8. q.v.
- B. radicola Prazmowski 1890, 204. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus radicola Bey-erinck 1888, 726. q.v.
- B. ramigerum (Itzigsohn) Krasil'nikov 1949, 433. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Zoogloea rami-gera Itzigsohn 1868, 30. q.v.
- B. ramosum Pribram 1919, 8. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. 24b. Not Bacterium ramosum Saito 1908, 63. Ind. Berg. 379. q.v. Bacterium pyogenes ramosum Stefansky 1902. 91. Source: Pus.
- B. rathonis (Gray and Thornton) Topley in Medical research Council 1936, 43. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Achromobacter rathonis (Gray and Thornton) Bergey et al. 1930, 216. Ind. Berg. 17. q.v.
- B. reducans (Angst) Krasil'nikov 1949, 439. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Agarobacterium redu-cans Angst 1929, 57. Ind. Berg. 75. q.v.
- B. robici Bouriquet 1946, 213. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Aplanobacter robici (Bouriquet) Prévot 1961, 139. q.v.
- B. rossicum (Kellerman and McBeth) Topley in Medical Research Council 1936, 43. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus rossi-cus Kellerman and McBeth 1912, 492. Ind. Berg. 249. q.v.
- B. ruber balticus (sic) (Kruse) Chester 1897, 113. Sp. Sch. Not Val. Pub. 14a(1). Serratia kiliensis (Lehmann and Neumann) Breed 1957, 363. Ind. Berg. 1014. q.v.
- B. rubidaeuum Stapp 1940, 251. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Serratia rubidaea (Stapp) Stapp 1940, 259. Source: Surface of plants and composts.
- B. rubricum (Hefferan) Pribram 1919, 6. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. 24b. Bacillus rubricus Hefferan 1904, 403. Ind. Berg. 251. q.v.
- B. rufum Gratz and Vas 1914, 502. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Source: Liptauer cheese.
- B. saccharolyte Randall and Hall 1921, 345. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Comment: Culture designated Bact. saccharolyte received from Dr. Ernst of Harvard Medical School in 1911, studied by Dr. Rivas at the University of Pennsylvania, described by Randall and Hall.
- B. saccharolyticum Pribram 1919, 7. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Not Bacterium sac-charolyticum (de Gasperi) de' Rossi 1927, 610. Ind. Berg. 383. q.v. A strong saccharolytic organism, Rivas 1908, 83. Source: Water.
- B. salmonella Lehmann in Lehmann and Neumann 1927, 401. Collec-tive Sp. Sch. Not Val. Pub. Source: Man and animals. Comment: Lehmann and Neumann (1927, 402) state: "Die Sammelart kann eindeutig heissen: Bacterium salmonella (K. B. Lehmann)."
- B. salmonis pestis (Patterson) Schäperclaus 1941, 180. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus salmonis pestis Patterson 1903, 9. Ind. Berg. 253. q.v.
- B. saponificans Gratz and Vas 1914, 501. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Source: Liptauer cheese.
- B. septicæmiæ mucogenæ hominis Heim 1898, 323. Sp. Sch. Not Val. Pub. 14a(1). Source: Mucogenic septicemia in man.
- B. septicum Rivolta 1881, 270. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Not Bacterium septicum Chester 1901, 143. Ind. Berg. 386. q.v.

- Source: Symptomatic anthrax.
- B. sieberti** Migula 1900, 456. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Ganz kurze, an Enden abgerundete Stäbchen, Siebert, 1894, 13. Source: Hair follicles.
- B. smegmae** Heim 1898, 313. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Mycobacterium smegmatis (Trevisan) Lehmann and Neumann 1899, 403. Ind. Berg. 733 q.v.
- B. solani** Krasil'nikov 1949, 398. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacterium of potato scab, Bolley 1890, 277. Bacterium bolleyi Roze 1896, 760. Ind. Berg. 308. q.v.
- B. solaniolens** (Paine) Topley in Medical Research Council 1936, 44. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Pseudomonas solaniolens Paine 1923, 77. Ind. Berg. 885. q.v.
- B. sphingidie (sic)** (White) Metalnicov and Chorine 1928, 547. Sp. Sch. Not Val. Pub. 12c(3). Proteus sphingidis (White) Bergey et al. 1934, 366. Ind. Berg. 843. q.v. Comment: Metalnicov and Chorine (1928) introduced the combination Bacterium sphingidie (sic) which they ascribe to White 1923a) who proposed Bacillus sphingidis.
- B. sphingidis** (White) Topley in Medical Research Council 1936, 44. Sp. Sch. Val. Pub. Illeg., Opin. 4. Jud. Com. Proteus sphingidis (White) Bergey et al. 1934, 366. Ind. Berg. 843. q.v.
- B. sulcatum** Pribram 1919, 3. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. 24b. Pseudomonas aquatilis Migula 1900, 933. Ind. Berg. 856. q.v.
- B. tardum** (de Assis) Krasil'nikov 1949, 467. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Eberthella tarda de Assis 1928, 6. Ind. Berg. 542. q.v.
- B. terrestre** Pribram 1919, 106. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. A strong HCN producer, Greenfield in Clawson and Young, 1913, 421. Source: Soil.
- B. thermophilum** forma Coccobacterium thermophilum Pribram 1919, 7. Forma Sch. Brucella cocciformis Pribram 1933, 67. q.v.
- B. trabuti** Radais 1899, 1280. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Source: Diseased sorghum stalks.
- B. tracheiphilum** var. cucumis (Smith) Tešić 1949, 173. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus tracheiphilus forma cucumis Smith 1920, 135. Ind. Berg. 276. q.v.
- B. turanicum** Burgvits 1933, 53. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Source: Soil from Turkestan.
- B. triloculare** Ehrenberg 1828, 8. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus ehrenbergii Trevisan 1889, 18. Bacterium ehrenbergii (Trevisan) Trevisan in De Toni and Trevisan 1889, 1022. Source: Oasis of Jupiter Ammon in Libya, Africa.
- B. typhi atypicum** α' von Gara and Stickl 1930, 38. Sp. Sch. Not Val. Pub. 14a(1). Source: Urine of typhoid patients.
- B. typhi atypicum** β von Gara and Stickl 1930, 38. Sp. Sch. Not Val. Pub. 14a(1). Source: Urine of typhoid patients.
- B. typhi flavum** von Gara and Stickl 1930, 38. Sp. Sch. Val. Pub. Leg. Source: Water from a well and urine from apparently healthy persons.
- B. typhi spermophilorum** Krasil'nikov 1949, 465. Sp. Sch. Val. Pub. Leg. Bacillus isolated from ground squirrels, Merezhkovskiy 1895, 91. Source: Diseased ground squirrels.
- B. typhusmurium** var. binns Krasil'nikov 1949, 464. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Salmonella typhi-murium var. binns Salmonella Subcommittee 1934, 339. Ind. Berg. 993. q.v.
- B. typhusmurium** var. copenhagen Krasil'nikov 1949, 464. Var. Sch. Pub. Illeg. Opin. 4. Jud. Com. Salmonella typhi-murium var. copenhagen (Kaufmann) Kaufmann 1961, 202. Ind. Berg. 993. q.v.

- B. vermiculoides (Castellani) Topley in Medical Research Council 1936, 45. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Bacillus vermiculoides Castellani 1925, 220. q.v.
- B. violaceus sacchari (sic) (Ager) Barker 1948, 647. Sp. Sch. Not Val. Pub. 14a(1). Bacillus aeris Chester 1901, 260. Ind. Berg. 108. q.v.
- B. viridis pallescens (Frick) Chester 1897, 124. Sp. Sch. Not Val. Pub. 14a(1). Pseudomonas pallescens Migula 1900, 927. Ind. Berg. 877, q.v.
- B. viscosum var. dissimilis (Long and Hammer) Krasil'nikov 1949, 456. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Alcaligenes viscosus var. dissimilis Long and Hammer 1936, 264. Ind. Berg. 81. q.v.
- B. viscosum odoraceum (Jung) Heim 1898, 328. Sp. Sch. Not Val. Pub. 12d. Bacillus viscosus odoraceus Jung 1894, 641. q.v.
- B. vitivorum (Baccarini) Tešić 1949, 158. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Erwinia vitivora (Baccarini) du Plessis 1940, 58. Ind. Berg. 557. q.v.
- B. volutans Thaysen 1921, 535. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Source: Finely ground maize meal and water.
- B. xenopum (sic) (Schrire) Krasil'nikov 1949, 468. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Proteus xenopus (Schrire) Haupt 1935, 186. Ind. Berg. 843. q.v.
- B. xylinoides var. tanezu Takahashi 1909, 129. Var. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Acetobacter xylinoides var. tanezu (Takahashi) Asai 1968, 93. q.v.
- B. zenkeri (Hauser) Krasil'nikov 1949, 432. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Proteus zenkeri Hauser 1885, 44. Ind. Berg. 843. q.v.
- B. znaimiense Kossowicz 1909, 759. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Source: Fermenting cucumbers.
- B. zoogloae ramigerae Btösch 1918, 60. Sp. Sch. Val. Pub. Illeg. Opin. 4. Jud. Com. Zoogloea ramigera Itzigsohn 1868, 30. q.v.
- BACTEROIDES limosus Eggerth, 1935, 290. Sp. Sch. Val. Pub. Leg. Butyrubacterium limosum (Eggerth) Moore and Cato 1965, 69. q.v.
- B. thermophilus Vorob'yeva 1937, 638. Sp. Sch. Val. Pub. Leg. Bacteroides thermophilus anaerobicus Vorob'yeva 1937, 638. Source: Canned fish. Comment: Vorob'yeva (1937, 638) states: Since this new species has not been described in literature, we propose the names: Bacteroides thermophilus - confirming to Bergey's Manual usage, or alternatively B. thermophilus anaerobicus according to Lehmann and Neumann's customary treatment.
- B. thermophilus A Vorob'yeva 1937, 639. Sp. Sch. Not Val. Pub. 14a(1). Source: Canned fish.
- B. thermophilus anaerobicus Vorob'yeva 1937, 638. Sp. Sch. Not Val. Pub. 14a(1). Bacteroides thermophilus Vorob'yeva 1937, 638. q.v.
- B. thermophilus B Vorob'yeva 1937, 639. Sp. Sch. Not Val. Pub. 14a(1). Source: Canned fish.
- B. thermophilus C Vorob'yeva 1937, 639. Sp. Sch. Not Val. Pub. 14a(1). Source: Canned fish.
- B. streptobacilliformis Hauduroy et al. 1937, 76. Sp. Sch. Val. Pub. Illeg. 24b. Streptobacillus gracilis Guillemot, Hallé and Rist 1904, 598. Ind. Berg. 1069. q.v.
- BACULOGENAE Trevisan in De-Toni and Trevisan 1889, 939. Subfam. Sch. Val. Pub. Illeg. 4. Subfam. 2. of Schizomycetaceae De-Toni and Trevisan 1889, 923.
- BALKANELLA carolinoides Castellani and Chalmers 1919, 940. Sp. Sch. Val. Pub. Leg.
- BATAT-LACTOBACILLUS Kitahara 1949, 23. Gen. Sch. Not Val. Pub. 13b.

- BEGGIATO arctoalpina Skuja 1964, 22. Sp. Sch. Val. Pub. Leg.
Source: Lakes in Swedish Lapland.
- BEIJERINCKIA macrocytogenes (Jensen) Rubenchik 1959, 333. Sp. Sch. Val. Pub. Leg. Azotobacter macrocytogenes Jensen 1955, 280. Ind. Berg. 102. q.v.
- BETABACTERIUM pentoaceticum (Fred, Peterson and Davenport) Pribram 1933, 78. Sp. Sch. Val. Pub. Leg. Lactobacillus pentoaceticus Fred et al. 1919, 359. Ind. Berg. 633. q.v.
- BETA-LACTOBACILLUS Kitahara 1940, 706. Gen. Sch. Not Val. Pub. 13b.
- BIFIDOBACTERIUM bifidum var. pennsylvanicus (György and Roze) Prévot, Turpin and Kaiser 1967, 1866. Var. Sch. Val. Pub. Leg. Lactobacillus bifidus var. pennsylvanicus György and Roze 1955, 483. Ind. Berg. 628. q.v.
- BORDETELLA bronchicanis (Ferry) Hugh and Ikari 1964, 106. Sp. Sch. Val. Pub. Leg. Alcaligenes bronchicanis (Ferry) Haupt 1935, 188. Ind. Berg. 79. q.v.
- BORRELLIA merionesi (Blanc and Maurice) Davis 1948, 316. Sp. Sch. Val. Pub. Leg. Spirochaeta merionesi Blanc and Maurice 1948, 141. Source: A gerbil (Meriones shawi) at Goulmine, Morocco.
- B. microti (Rafyi) Davis 1948, 316. Sp. Sch. Val. Pub. Leg. Spirochaeta microti Rafyi 1946, 51. Source: Blood of the field vole.
- B. myelophthora (Steiner) Ahrens and Muschner 1958, 469. Sp. Sch. Val. Pub. Leg. Spirochaeta myelophthora (sic) Steiner 1931, 431. Source: Brain and spinal cord in multiple sclerosis in man.
- B. parkeri var. hastingsi Rafyi, Felsenfeld, Dupont and Maghami 1965, 636. Var. Sch. Val. Pub. Leg. Source: Ticks (Ornithodoros parkeri hastingsi) in California. Comment: Rafyi et al. (1965, 636) state: "This Borrelia is a variant of the typical B. parkeri and the suggestion to label it B. parkeri var. hastingsi is tendered herewith the reservation that further studies might prove that it a subspecies of B. parkeri Davis 1942.
- BOTULINOIDEAE Pribram 1929, 373. Subfam. Sch. Val. Pub. Leg. Type gen.: Botulinus Pribram 1929, 374.
- BOTULINUS Janke 1930, 490. Sect. Sch. Not Val. Pub. 12a(2). Section 2 of subgenus: Anearobacillus (or better Clostridium) Janke 1930, 490.
- BRACHYARCUS Skuja 1964, 19. Gen. Sch. Val. Pub. Leg. Type sp. (monotype): Brachyarcus thiophilus Skuja 1964, 20.
- B. thiophilus Skuja 1964, 20. Type sp. Brachyarcus Skuja 1964, 19. Source: Lake Njakajaure, Swedish Lapland.
- BREVIBACTEREAE Prévot 1961, 273. Tribe Sch. Val. Pub. Leg.
- BREVIBACTERIUM flavum Okumura, Tsugawa, Tsunoda, Kono, Matsui and Miyachi 1962, 147. Sp. Sch. Val. Pub. Leg. Source: "Natural" sources.
- B. immariophilum Okumura, Tsugawa, Tsunoda, Kono, Matsui and Miyachi 1962, 147. Sp. Sch. Val. Pub. Leg. Source: "Nature"
- B. lactofermentum Okumura, Tsugawa, Tsunoda, Kono, Matsui and Miyachi 1962, 147. Sp. Sch. Val. Pub. Leg. Source: Soil, sewage, vegetables, fruits, marine products.
- B. roseum Okumura, Tsugawa, Tsunoda, Kono, Matsui and Miyachi 1962, 147. Sp. Sch. Val. Pub. Leg. Source: Various natural sources.
- B. saccharolyticum Okumura, Tsugawa, Tsunoda, Kono, Matsui and Miyachi 1962, 147. Sp. Sch. Val. Pub. Leg. Source: Nature.
- BRUCELLA Janke 1930, 490. Sect. Sch. Val. Pub. Leg. Section 9 of subgenus Eubacterium Janke 1930, 490.
- B. brucei var. ovis australasiae Buddle 1956, 362. Var. Sch. Val. Pub. 11leg. 24a. Brucella ovis Buddle 1956, 362. q.v. Buddle (1956, 362) states: "In the recently proposed classification

- system of Renoux (1952a), these strains would constitute a new variety, Brucella brucei var. ovis australasiae."
- B. cocciformis Pribram 1933, 67. Sp. Sch. Val. Pub. Leg. Cocco-bacille, Nègre 1913, 867. Bacterium thermophilum forma Coccobacterium thermophilum Pribram 1919, 7.
Source: Water from Figuig in Sahara.
- B. melitensis f. sp. bovis Klimmer 1932, 329. Forma sp. Sch. Brucella abortus (Schmidt) Meyer and Shaw 1920, 176. Ind. Berg. 430. q.v.
- B. melitensis f. sp. caprae Klimmer 1932, 329. Forma sp. Sch. Brucella melitensis (Hughes) Meyer and Shaw 1920, 179. Ind. Berg. 431. q.v.
- B. melitensis var. karakul van Drimmelen 1953, 302. Var. Sch. Val. Pub. Leg. Not Brucella melitensis var. karakul Buddle 1956, 362. q.v.
Source: Brucellosis of karakul sheep in South-West Africa.
Comment: van Drimmelen (1953, 302) states: "It is ... considered desirable to regard the organism provisionally as a variant of the species to which it corresponds most closely."
- B. melitensis var. karakul Buddle 1956, 362. Var. Sch. Val. Pub. Illeg. 25d.
Not Brucella melitensis var. karakul van Drimmelen 1953, 302.
Source: Brucellosis of karakul sheep in New Zealand and Australia.
- B. melitensis f. sp. ovis australis Haupt 1964, 118. Forma sp. Sch. Brucella ovis Buddle 1956, 362. q.v.
- B. melitensis f. sp. suis Klimmer 1932, 329. Forma sp. Sch. Brucella suis Huddleson 1929, 12. Ind. Berg. 432. q.v.
- B. ovis Buddle 1956, 362. Sp. Sch. Val. Pub. Illeg. 25d. Not Brucella ovis van Drimmelen 1953, 302. Brucella melitensis f. sp. ovis australis Haupt 1964, 118. Brucella brucei var. ovis australasiae Buddle 1956, 362.
Source: Brucellosis of sheep in New Zealand and Australia.
- B. ovis van Drimmelen 1953, 302. Sp. Sch. Val. Pub. Leg. Not Brucella ovis Buddle 1956, 362. q.v.
Source: Brucellosis of sheep in South West Africa.
- BRUCELLA sp. (ser.) rangiferi Pinigin and Petuckhova 1960, 348. Ser. Sch. Source: Reindeer in Siberia.
- B. rangiferi tarandi Davydov 1961, 31. Sp. Sch. Val. Pub. Leg.
Source: Lymphatic nodules, parenchymatous organs and marrow from diseased reindeer.
- BUTYL-BACILLUS Fitz 1878, 48.
A vernacular name for bacteria producing butylic fermentation.
- BUTYRIBACTERIUM limosum (Eggerth) Moore and Cato. 1965, 69. Sp. Sch. Val. Pub. Leg. Bacteroides limosus Eggerth 1935, 290. Eubacterium limosum (Eggerth) Prévot 1938, 295. Butyribacterium rettgeri Barker and Haas 1944, 303. Eubacterium rettgeri (Barker and Haas) Prévot 1948, 101. Mycobacterium limosum (Eggerth) Krasil'nikov 1949, 166.
Type sp: (Subseq. desig. by Moore and Cato 1965, 69) of Butyribacterium Barker and Haas 1944, 303. Source: Feces.
- B. rettgeri Barker and Haas 1944, 303. Sp. Sch. Val. Pub. Illeg. 24b. Butyribacterium limosum (Eggerth) Moore and Cato 1965, 69. q.v.
Type sp. (Orig. desig.) of Butyribacterium Barker and Haas 1944, 303.
- BUTYRIVIBRIO Prévot 1961, 317. Subgen. Sch. Val. Pub. Leg.
Type sp. (monotype): Butyrivibrio fibrisolvens Bryant and Small 1956, 19. Ind. Berg. 434. q.v.
Subgen. T of Vibrio Müller 1773, 39.

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