DETAILED MINUTES CONCERNING ACTIONS TAKEN ON
OPINIONS

During the Meetings of the Judicial Commission of the
International Committee on Bacteriological Nomenclature at
the VIII International Microbiological Congress in Montreal,
1962

W.A. Clark and H.P.R. Seeliger
Joint Permanent Secretaries

Minute 54. Opinions 16, 17, 19, 20, 21, 22, 23 and 24. The
Chairman pointed out that these Opinions were listed in
the Agenda only for the record, and that the Judicial
Commission had completed action by mail ballot. The
Opinions have been published as noted in the list of refer-
ences below.

REFERENCES

- Opinion 16. 1958. Conservation of the generic name Chro-
mobacterium Bergonzini 1880 and designation of the
type species and the neotype culture of the type species.
Intern. Bull. Bact. Nomen. Taxon. 8:151-152.
- Opinion 17. 1958. Conservation of the generic name Staphy-
lococcus Rosenbach, designation of Staphylococcus aureus
Rosenbach as the nomenclatural type of the genus Staphy-
lococcus Rosenbach, and designation of a neotype culture
of Staphylococcus aureus Rosenbach. Intern. Bull. Bact.
Nomen. Taxon. 8:153-154.
- Opinion 19. 1958. Conservation of the generic name Rick-
ettsia da Rocha-Lima and of the species name Rickettsia
prowazekii da Rocha-Lima. Intern. Bull. Bact. Nomen.
Taxon. 8:158-159.
- Opinion 20. 1958. Status of new generic names of bacteria
published without names of included species. Intern.
Bull. Bact. Nomen. Taxon. 8:160-162.
- Opinion 21. 1958. Conservation of the generic name Seleno-
monas von Prowazek. Intern. Bull. Bact. Nomen. Taxon.
8:163-165.
- Opinion 22. 1958. Status of the generic name Asterococcus
and conservation of the generic name Mycoplasma. In-
tern. Bull. Bact. Nomen. Taxon. 8:166-168.

Opinion 23. 1958. Rejection of the generic names Nitromonas Winogradsky 1890 and Nitromonas Orla-Jensen 1909, conservation of the generic names Nitrosomonas Winogradsky 1892, Nitrosococcus Winogradsky 1892, and Nitrobacter Winogradsky 1892, and the designation of the type species of these genera. Intern. Bull. Bact. Nomen. Taxon. 8:169-170.

Opinion 24. 1958. Rejection of the generic name Arthrobacter Fischer 1895 and conservation of the generic name Arthrobacter Conn and Dimmick 1947. Intern. Bull. Bact. Nomen. Taxon. 8:171-172.

Minute 55. Opinion 18. The Commission unanimously agreed that the specific epithet typhi be conserved in the combination Salmonella typhi against S. typhosa. See Opinion 18, page 32, this BULLETIN.

Minute 56. Opinion 25. The Commission unanimously agreed to reject certain publications of Trécul, Hallier, Billroth and Ogston as having no nomenclatural standing in bacteriology. See Opinion 25, page 34, this BULLETIN.

Minute 57. The Commission unanimously agreed to amend Section 6, Opinion 11, to include a statement that a culture belonging to the species Shigella dysenteriae may be completely identified by appending the appropriate serotype number (arabic) to the name. See Amendment Section 6, Opinion 11, page 31, this BULLETIN.

Minute 58. The following request for an Opinion relative to the nomenclatural status of the generic names Moraxella and Diplobacillus was received:

1. Should a generic name proposed in a combined description of a genus and species in a monotypic genus be regarded as validly published if the name of the species was not validly published?
2. Should the generic name Moraxella be conserved against Diplobacillus MacNab?

After due consideration the Commission agreed unanimously that the Joint Permanent Secretaries be requested to organize an ad hoc committee of the International Committee on Bacteriological Nomenclature to study the

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nomenclatural and taxonomic status of the genus Moraxella, the species Bacterium anitratum, the tribe Mimeae, and other apparently related forms, and to report not later than at the time of the meeting of the next International Microbiological Congress.

REFERENCES

- Henriksen, S.D. 1960. Moraxella. The standing in nomenclature of various proposed names. Intern. Bull. Bact. Nomen. Taxon. 10:231-235.
- Lautrop, Hans, 1961. Bacterium anitratum transferred to the genus Cytophaga. Intern. Bull. Bact. Nomen. Taxon. 11:103-108.
- Berger, Ulrich. 1961. A proposed new genus of Gram-negative cocci. Intern. Bull. Bact. Nomen. Taxon. 11: 17-20.
- Cary, Sylvia G. 1961. Serological relationships of Mimeae, Moraxella, Diplococcus mucosus and Neisseria winogradskyi. Intern. Bull. Bact. Nomen. Taxon. 11:79-86.

Minute 59. A proposal was received for designation of neo-type strains of Leptotrichia buccalis and Bacterionema matruchotii. The Commission agreed that an ad hoc committee be constituted to study the proposals of Gilmour, Howell and Bibby for action on nine suggestions relative to clarification of the status of the generic name Leptotrichia Trevisan and of its type species, and to make recommendations relative to Leptotrichia buccalis, Trevisan, the proposals for designation of type strains (cultures) for Leptotrichia buccalis Trevisan 1879 and for Bacterionema matruchotii (Mendel) Gilmour, Howell and Bibby, 1961. The Joint Permanent Secretaries were asked to organize an ad hoc committee to report to the Judicial Commission as soon as possible.

REFERENCES

- Gilmour, Marion N., Arden Howell, Jr., and Basil G. Bibby. 1961. The classification of organisms termed Leptotrichia (Leptothrix) buccalis. I. Review of the literature

and proposed separation into Leptotrichia buccalis Trevisan 1879 and Bacterionema gen. nov., B. matruchotii (Mendel 1919) comb. nov. Bacteriol. Rev. 25:131-141. _____, _____, and _____. 1961. Proposal for designation of neotype strains of Leptotrichia buccalis and Bacterionema matruchotii. Intern. Bull. Bact. Nomen. Taxon. 11:161-164.

Minute 60. Dr. Kauffmann submitted a request for an Opinion on the definition of genera and species of Enterobacteriaceae. The request proposed consideration both of nomenclature and classification of taxa included in the family Enterobacteriaceae. The Commission concluded that the proposals relating to nomenclature would appropriately be referred to the Subcommittee on Enterobacteriaceae for consideration and such action and recommendations as are deemed desirable. The Judicial Commission takes action primarily only on problems of nomenclature. Problems relating to classification or circumscription of taxa are not governed by the nomenclatural code and are not confirmed by Opinions. They are appropriately considered by subcommittees on taxonomy with formulation of recommendations, which are significant in influencing consensus but cannot be binding. Dr. Murray moved that the questions be referred to the Enterobacteriaceae taxonomic subcommittee for consideration and report. The motion was approved unanimously.

REFERENCE

Kauffmann, F. 1959. Definition of genera and species of Enterobacteriaceae. Intern. Bull. Bact. Nomen. Taxon. 9:7-8.

Minute 61. Opinion 26. Request for designation of neotype strains for species of the family Enterobacteriaceae. The Judicial Commission unanimously agreed to designate neotype cultures of the type species and of other species of the genera Salmonella, Shigella, Arizona, Escherichia, Citrobacter and Proteus in accordance with

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the recommendation of the taxonomic Subcommittee on Enterobacteriaceae based on the recommendation of a Commission appointed by the Subcommittee. The ad hoc Commission of the Enterobacteriaceae Subcommittee noted that by this action it did not necessarily certify to the correctness of the Latin species names applied. See Opinion 26, page 36, this BULLETIN.

REFERENCE

Editorial Board. 1959. Designation of neotype cultures of the type species of certain genera of the family Enterobacteriaceae: Salmonella, Shigella, Arizona, Escherichia, Citrobacter and Proteus. Intern. Bull. Bact. Nomen. Taxon. 9:105-109.

Minute 62. Opinion 27. The taxonomic Subcommittee on Streptococci and Pneumococci recommended that strain G19 received from Dr. A.W. Stableforth be designated as the type strain of Streptococcus agalactiae Lehmann and Neumann as proposed by a panel appointed by the Subcommittee. The proposal was unanimously approved by the Judicial Commission. Strain G19 is deposited in the National Collection of Type Cultures as NCTC No.8181 and in the American Type Culture Collection as ATCC No.13813. See Opinion 27, page 37, this BULLETIN`

REFERENCE

Williams, R.E.O. 1961. Report of panel on choice of type culture for Streptococcus agalactiae Lehmann and Neumann. Intern. Bull. Bact. Nomen. Taxon. 11:21.

Minute 63. Opinion 28. Request for an Opinion rejecting the generic name Cloaca Castellani and Chalmers and accepting Enterobacter as a generic name, with designation of its type culture (strain). Dr. Seeliger moved that the Judicial Commission suggest to the Enterobacteriaceae Subcommittee the advisability of appointing an ad hoc committee to study the problems and confusion that may arise unless a better understanding is developed concern-

ing the genera Klebsiella, Aerobacter, Cloaca and other Enterobacteriaceae. The motion was seconded by Dr. Andrewes, but was not approved. Dr. Murray than moved that the Commission approve conserving the generic name Enterobacter, with Enterobacter cloacae (Jordan) Hormaeche and Edwards as the type species. The motion was seconded and carried. See Opinion 28, page 38, this BULLETIN.

REFERENCES

- Hormaeche, E. and P.R. Edwards. 1960. A proposed genus Enterobacter. Intern. Bull. Bact. Nomen. Taxon. 10:71-74.
_____ and _____. 1960. Proposal for the rejection of the generic name Cloaca Castellani and Chalmers and proposal of Enterobacter as a generic name with designation of type species and of its type culture. Intern. Bull. Bact. Nomen. Taxon. 10:75-76.
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Minute 64. Opinion 29. Request for an Opinion concerning the correct name for the meningococcus (Diplococcus intracellularis meningitidis Weichselbaum). Dr. Andrewes moved that the specific epithet meningitidis in the species name Neisseria meningitidis be conserved against all other specific epithets applied to the organism and having priority. Dr. Cowan seconded the motion, which was carried unanimously.

REFERENCE

- Editorial Board. 1962. The correct name for the meningococcus (Diplococcus intracellularis meningitidis Weichselbaum). Intern. Bull. Bact. Nomen. Taxon. 12:37-46.
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Minute 65. Request for an Opinion concerning the validity of publication of names of taxa published in patents or in patent applications. The Commission agreed that an emendation of Rule 9 rather than formulation of an Opinion was desirable. This Minute 65 is recorded as Minute 36 in the section of the minutes relating to Code emendations. See page 9, this BULLETIN.

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Minute 66. Designation of a neotype strain for Micrococcus luteus. The Commission agreed to appoint through its Editorial Board a special ad hoc committee to consider designation of a neotype culture for Micrococcus luteus Cohn.

Minute 67. Request for designation of a neotype strain for Streptomyces albus (Rossi Doria) Waksman and Henrici. Lyons and Pridham (1962) proposed that the strain IMRU No. 3004 (Institute of Microbiology of Rutgers University) and carried at the American Type Culture Collection as ATCC No. 3004, be designated as the type strain (culture) of Streptomyces albus (Rossi Doria) Waksman and Henrici (basionym Streptotrix (sic) alba Rossi Doria 1891). The Commission recognized the excellent documentation and presentation but concluded that the opinion of Dr. Gottlieb as to the sentiment of the International Subcommittee on the Actinomycetales, of which he is chairman, should be asked. The Chairman of the Judicial Commission was requested to take up the proposal with Dr. Gottlieb and transmit his suggestions to the members of the Judicial Commission. Final decision is to be by letter ballot.

REFERENCES

- Pridham, T. G. and A. J. Lyons, Jr. 1960. Streptomyces albus (Rossi Doria emend. Krainsky) Waksman et Henrici: Taxonomic study of 42 strains labelled Streptomyces albus. (Abstr.) Bacteriol. Proc. 1960:80.
- ____ and _____. 1961. Streptomyces albus (Rossi Doria) Waksman et Henrici: Taxonomic study of strains labelled Streptomyces albus. Jour. Bact. 81:431-441.
- Waksman, S.A. 1961. The Actinomycetes—Classification, Identification and Description of Genera and Species. The Williams and Wilkins Co., Baltimore, 363 pp.
- Hütter, R. 1961. Zur Systematik der Actinomyceten 5. Die Art Streptomyces albus (Rossi Doria emend. Krainsky) Waksman and Henrici 1943. Archiv. für Mikrobiologie 38:367-383.
- Lyons, A. J. Jr., and T. G. Pridham. 1961. Proposal to designate strain ATCC 618 as the neotype strain of Streptomyces albus (Rossi Doria) Waksman et Henrici. (Abst.) Bacteriol. Proc. 1961:74.

- _____ and _____. 1962. Proposal to designate strain ATCC 3004 (IMRU 3004) as the neotype strain of Streptomyces albus (Rossi Doria) Waksman et Henrici. Jour. Bact. 83:370-380.
- Pridham, T. G. and A. J. Lyons, Jr. 1962. Proposal to designate strain 3004 (IMRU 3004) as the neotype strain of Streptomyces albus (Rossi Doria) Waksman and Henrici. Intern. Bull. Bact. Nomen. Taxon. 12:123-126.
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Minute 68. Request for designation of a neotype strain of Pediococcus cerevisiae Balcke. Günther and White (1962) have proposed the designation of the strain ATCC No. 8081 (American Type Culture Collection) as the neotype strain of Pediococcus cerevisiae Balcke. After consideration, the Judicial Commission voted to request the Joint Permanent Secretaries to refer the proposal to an ad hoc committee of experts for consideration and recommendation. Alternatively, the Joint Permanent Secretaries may refer the request to an appropriate taxonomic subcommittee of the International Committee on Bacteriological Nomenclature for recommendation. It is desirable that a Commission vote be taken at an early date.

REFERENCES

- Balcke, J. 1884. Über fauligen Geruch des Bieres. Wachnschr. f. Brauerei. 1:257.
- Hammer, B. W. 1930. Volatile acid production of S. lactis and the organisms associated with it in starters. Iowa Agric. Expt. Sta. Res. Bull. No. 63, 91.
- Hucker, G. J. and C. S. Pederson. 1930. Studies on the Coccaceae. XVI The genus Leuconostoc. New York State Agric. Expt. Sta. Tech. Bull. 167:67.
- Felton, E. A. and C. F. Niven, Jr. 1953. The identity of "Leuconostoc citrovorum, strain 8081." Jour. Bact. 65: 482.
- Günther, H. L. and H. R. White. 1961a. The cultural and physiological characters of the pediococci. Jour. Gen. Microbiol. 26:185.
- _____ and _____. 1961b. Serological characters of the pediococci. Jour. Gen. Microbiol. 26:199.