International Committee on Systematic Bacteriology

Judicial Commission

Minutes of the Meeting, 3 September 1978

Munich, West Germany

Minute 1. Call to order. The meeting was called to order by the Chairman, P. H. A. Sneath, at the Botanical Institute of the University of Munich, Munich, West Germany.

Minute 2. Record of attendance. Present were K. Bøvre, D. W. Dye, J. G. Holt (Editorial Secretary), H. Iizuka, O. Kandler (Vice Chairman), L. LeMinor, E. F. Lessel (Editor, *International Journal of Systematic Bacteriology* [IJSB]), W. E. C. Moore, V. B. D. Skerman (Chairman, ICSB), P. H. A. Sneath (Chairman, Judicial Commission), M. Véron, and L. G. Wayne. Absent were S. P. Lapage and S. Slopek.

Minute 3. Alternates. No alternates were appointed for the absent members.

Minute 4. Minutes of the last meeting. The minutes of the previous meeting were approved as published (*Int. J. Syst. Bacteriol.* 24:379-380, 1974).

Minute 5. In memory of O. N. Allen. The Commissioners stood for a moment of silence in memory of O. N. Allen, who was recently deceased.

Minute 6. Approval of agenda. The agenda was approved as circulated.

Minute 7. Appointment of nominating committee. K. Bøvre, J. Holt, and L. LeMinor were appointed to serve on the nominating committee for officers of the Judicial Commission.

Minute 8. Matters arising from the minutes. No matters arising from minutes of the previous meeting were brought up.

Minute 9. Policy on exceptions to Rules. The Commission reaffirmed its policy of not permitting exceptions to the Rules on the formation of names of taxa.

Minute 10. Policy on Approved Lists. The Commission agreed to continue the Ad Hoc Committee on Approved Lists under the chairmanship of V. B. D. Skerman.

Minute 11. Policy on money accruing to the ICSB. The Commission recommended that the ICSB request of the IAMS that monies generated by the sale of documents prepared by the ICSB or its subsidiaries be reserved for use by the ICSB in the furtherance of its activities.

Minute 12. Translation of the Code of Nomenclature. The Chairman reported that the *International Code of Nomenclature of Bacteria*, published by the American Society for Microbiology (1975), has been translated into Russian and will be published in the Soviet Union by the Academy of Sciences of the USSR. A Japanese translation is currently being prepared.

Minute 13. Nomenclature of blue-green algae (cyanobacteria). The Commission had been requested to consider whether blue-green algae should be brought

under the Bacteriological Code (*Int. J. Syst. Bacteriol.* 28:335-336, 1978). The Commission expressed the view that workers who believe blue-green algae to be bacteria are at liberty to use the Bacteriological Code for their nomenclature, but considered that further discussion with officers of the Botanical Code is desirable before formal action is taken. The Commission saw no reason at present to keep open the Approved Lists after January 1980 for blue-green algae; this matter could be reopened at a later date.

Minute 14. Status of mycoplasmas. The Commission expressed the view that it had no objection to a request made to the ICSB by the Subcommittee on *Mycoplasmatales*, and referred to it by the ICSB, that the name of the Subcommittee be changed to "Subcommittee on *Mollicutes*." However, the Commission affirmed its view that the mycoplasmas (mollicutes) are a group within the bacteria. It also noted that the question of applying the Bacteriological Code to all procaryotes was being considered (see Minute 13).

Minute 15. Revision of the Code. Six proposed changes in the Bacteriological Code, 1976 Revision (*Int. J. Syst. Bacteriol.* 28:337, 1978) were discussed and approved as published. Other suggestions received were referred to a committee on revision of the Rules.

Minute 16. Adjournment. The meeting was adjourned at 1:15 p.m. and reconvened on 7 September 1978 in the Kongress Zentrum, Munich.

Minute 17. Minimal standards for *Brucella* and *Moraxella*. The Commission received the proposed minimal standards for descriptions from the Subcommittee on *Brucella* (*Int. J. Syst. Bacteriol.* 25:83-89, 1975) and the Subcommittee on *Moraxella* and Allied Bacteria (*Int. J. Syst. Bacteriol.* 26:92-96, 1976). In its discussion, the Commission stressed that minimal standards are not obligatory. Certain policy pertaining to minimal standards was established by the Commission, namely: (i) the Judicial Commission will accept manuscripts on minimal standards (six copies to be submitted by the Subcommittee to the officers of the Commission); (ii) the Commission, or its officers in the interim period, will check that the techniques or references to methods are listed (the Subcommittee will decide on the details necessary in the manuscript); and (iii) the manuscript will be published in IJSB.

Minute 18. Conservation of the generic name *Pediococcus* with a new type species. The name *Pediococcus* has been conserved with a new type species, *P. damnosus*, by Opinion 52 (*Int. J. Syst. Bacteriol.* 26:292, 1976), after a mail ballot, which showed 12 votes in favor of this action.

Minute 19. Type species of *Spirillum*. When the rule against tautonyms was dropped from the Code,

the name *Spirillum spirillum* became legitimate; it is a synonym of the commonly used name of the type species *Spirillum volutans* (Int. J. Syst. Bacteriol. 23: 20-27, 1973). In view of the uncertainty of application of the early descriptions, the Commission felt that no action was needed other than placing the name *Spirillum volutans* on the Approved Lists and omitting the name *Spirillum spirillum*.

Minute 20. Status of *Zoogloea*. The Judicial Commission unanimously agreed to replace the designated neotype strain of *Zoogloea ramigera* (Crabtree 1-16-M = ATCC 19623, = NCTC 10482) with Dondero 106 (= ATCC 19544) as requested (Int. J. Syst. Bacteriol. 21:91-99, 1971). Also, it was agreed to retain the names on the Approved Lists of Bacterial Names.

Minute 21. Rejection of the name *Mycobacterium marianum*. The Judicial Commission approved by mail ballot, with 11 votes in favor of this action, the placement of the name *Mycobacterium marianum* on the list of nomina rejicienda. This action was published as Opinion 53 (Int. J. Syst. Bacteriol. 28:334, 1978).

Minute 22. Rejection of the name *Pseudomonas denitrificans*. The question to reject the name *Pseudomonas denitrificans* did not receive a majority of votes on a mail ballot of Commissioners. The question was reconsidered, and the Commission unanimously agreed to place the name *Pseudomonas denitrificans* on the list of nomina rejicienda.

Minute 23. Rejection of the name *Mycobacterium aquae*. The Judicial Commission unanimously agreed to place the name *Mycobacterium aquae* on the list of nomina rejicienda.

Minute 24. Rejection of the genus name *Achromobacter*. The Judicial Commission has been asked by Hendrie et al. (Int. J. Syst. Bacteriol. 24:534-550, 1974) to reject the genus name *Achromobacter* on the basis that no type strain exists. No action was taken, and it was agreed that the name will be omitted from the Approved Lists of Bacterial Names.

Minute 25. Rejection of the species name *Peptococcus anaerobius*. A motion put to mail ballot to reject the species name *Peptococcus anaerobius* failed to gain a majority. The question was reconsidered, and the Commission unanimously agreed to place the name *Peptococcus anaerobium* on the list of nomina rejicienda.

Minute 26. Rejection of the genus name *Chloropseudomonas* and the species name *C. ethylica*. No action was taken on the rejection of the genus name *Chloropseudomonas* and the species name *C. ethylica* as requested by Gray (Int. J. Syst. Bacteriol. 27:168, 1977). The Judicial Commission requests that these names be omitted from the Approved Lists of Bacterial Names.

Minute 27. Rejection of the names *Pseudomonas barkeri* and *P. washingtoniae*. No action was taken on the rejection of the species names *Pseudomonas barkeri* and *P. washingtoniae* as requested by Young (Int. J. Syst. Bacteriol. 27:300-303, 1977). The Judicial Commission requests that these names be omitted from the Approved Lists of Bacterial Names.

Minute 28. Conservation of *Edwardsiella tarda*. No action was taken on a request by Farmer et al. (Int. J. Syst. Bacteriol. 26:293-294, 1976) to conserve

the name *Edwardsiella tarda*. The request has been withdrawn.

Minute 29. Rejection of the family name *Enterobacteriaceae*. The Commission discussed the case of the status of the family name *Enterobacteriaceae* in the light of the advice requested from the Subcommittee on *Enterobacteriaceae* (Minute 29, Int. J. Syst. Bacteriol. 24:379-380, 1974). The Commission decided that it would not permit exceptions to the rules (see Minute 9) and therefore decided, by 11 votes to 1, to reverse Opinion 15, which conserved the family name *Enterobacteriaceae* with the type genus *Escherichia* (Int. Bull. Bacteriol. Nomen. Taxon. 8:73-74, 1958). Instead, it proposed to conserve the family name *Enterobacteraceae* with the type genus *Enterobacter* on the grounds that this would cause less disturbance than the change to the family name *Escherichiaceae* with the type genus *Escherichia*.

Minute 30. Status of the ordinal name *Cyanobacteriales*. The Commission was requested to validate the ordinal name *Cyanobacteriales* (Int. J. Syst. Bacteriol. 28:332-333, 1978) although the name is not based on the name of a type genus. No action was taken on the request, in keeping with Commission policy not to permit exceptions to the Rules (see Minute 9). It referred the question of the gender of the names *Photobacteria* and *Scotobacteria* to the Rules Revision Committee.

Minute 31. Neotype strain of *Micrococcus luteus*. The Commission unanimously agreed to replace the neotype strain of *Micrococcus luteus* (ATCC 398) with a more suitable strain, ATCC 4698 (= NCTC 2665), as requested by the Subcommittee on Staphylococci and Micrococci (Int. J. Syst. Bacteriol. 26:332-334, 1976).

Minute 32. Rejection of the name *Spirillum lunatum*. No action was taken on the rejection of the name *Spirillum lunatum* as requested by Linn and Krieg (Int. J. Syst. Bacteriol. 28:132-138, 1978). The Commission considered that the best course was to have the name omitted from the Approved Lists of Bacterial Names.

Minute 33. Approved Lists of Bacterial Names. The Commission received a report from the ad hoc Committee on the Approved Lists. A draft list of species names has already been published (Int. J. Syst. Bacteriol. 26:563-599, 1976), and arrangements are being made to collect the type strains and bibliographic citations and to add generic and higher names. The Commission discussed the preferred format of the Approved Lists and expressed the view that the Approved Lists should be published as planned in the January 1980 issue of IJSB. The ad hoc Committee and the Executive Board of the ICSB were requested to make the necessary arrangements for the publication. V. B. D. Skerman was thanked for the large contribution he has made to preparing the Approved Lists.

Minute 34. Membership of the Commission and election of officers. New Commission members were elected by the ICSB before this session, and the newly elected members were present as observers. The new Commission takes office after this Congress and consists of the following: 13th class—H. Iizuka, V. B. D. Skerman, P. H. A. Sneath, and M. Véron; 14th class—

D. W. Dye, P. A. D. Grimont, W. E. C. Moore, and L. G. Wayne; 15th class—M. Goodfellow, M. Kocur, R. G. E. Murray, and H. Trüper; *ex officio*—K. Bøvre, J. Holt, and E. F. Lessel. L. G. Wayne and W. E. C. Moore were unanimously elected Chairman and Vice-Chairman, respectively.

Minute 35. Appointment of committees. V. B. D. Skerman (Chairman), P. H. A. Sneath, and L. G. Wayne were appointed to serve as members of the Ad

Hoc Committee on Approved Lists of Bacterial Names. M. Goodfellow, J. G. Holt, and L. G. Wayne (Chairman) were appointed to serve as members of the Rules Revision Committee.

Minute 36. Adjournment. The meeting was adjourned at 1:00 p.m.

John G. Holt
Editorial Secretary