International Committee on Nomenclature of Bacteria

Subcommittee on Streptococci and Pneumococci

Minutes of Meeting, 7 August 1970

Mexico City, Mexico

The Subcommittee met in Mexico City on 7 August 1970, with Chairman R. E. O. Williams presiding. Members present were: G. Colman, P. A. Hansen, W. Heesch, W. Köhler, G. Mocquot, M. D. Moody, M. Elisabeth Sharpe, H. D. Slade, Elaine Updyke, and R. E. O. Williams. E. Kjems represented E. Lund. The following visitors attended: Drs. Miyamoto, Rabinowitz, Rodriguez, Taranta, and Thal.

It was agreed to proceed with reports and the discussion of agenda topics in an open session and to conclude with a brief closed session for Subcommittee business.

Summary of reports and recommendations on agenda topics:

(1) Data submitted by reference laboratories in studies on provisional M-types 52 through 61 were discussed. A recommendation that types 52 through 60 be recognized as distinct M-types and that the designation "provisional" no longer be used in reference to these types was accepted. It was agreed further that the current policy for designating M-types is satisfactory and should be coordinated through the Secretary of the Subcommittee.

(2) A report of the Cooperative Study of National *Streptococcus* Reference Laboratories in *Streptococcus* Typing, prepared by Rotta and Jelinkova, was discussed. A relatively high degree of discrepancy in results between laboratories was reported. Modifications for improving the protocol for future studies were proposed, and Rotta was asked to conduct another study with the same objective, improving the quality and uniformity of tests used for typing group A streptococci.

(3) Köhler reported on the Second International Type Distribution Survey of 1968. It was recommended that Köhler (i) complete the report and have it published, and (ii) organize a third survey to be done before 1972.

(4) Rodriguez reported on "Acute glomerulonephritis associated with scarlet fever due to *Streptococcus pyogenes* group A M2/T2."

(5) Miyamoto reported on "Reexamination and characterization of the T-agglutination

complex or pattern of *Streptococcus pyogenes*: Preparation of anti-T factor sera."

(6) Results of studies on immunizing strains used for producing antiserum for groups B, C, D, G, and N were presented by Köhler, Sharpe, and Moody. The Secretary was asked to arrange for the completion of studies required for recommending one or two strains that would yield reliable grouping antiserum in various laboratories.

(7) Lund proposed that the Subcommittee recommend for international use the Danish system of nomenclature for pneumococcal types (Int. J. Syst. Bacteriol. 20:321-323); the proposal was generally acceptable to the members present, and it is being recommended for formal acceptance by the entire Subcommittee, including those members not present at the meeting.

(8) Kjems gave a report prepared by Lund on the types of pneumococci found in blood, spinal fluid, and pleural fluid exudate from 1954 through 1969 in Denmark.

(9) There was considerable discussion on the problem of classifying nonhemolytic and viridans-like streptococci. Colman, Williams, and Slade introduced evidence that led to the consensus that *Streptococcus mutans* should be conserved as a valid species and that NCTC strain 10449 should be designated as the neotype strain. Colman was asked to circulate sets of strains in a number of laboratories for classification according to criteria routinely used and to compare the results with those obtained with the system he described.

(10) The open meeting adjourned at 4 PM. A short closed session, at which the question of membership on the Subcommittee was the principal item of business, followed.

(11) The present membership of the Subcommittee is as follows: R. E. O. Williams, (Chairman), London, England; M. D. Moody (Secretary), Atlanta, Georgia, USA; R. Austrian, Philadelphia, Pennsylvania, USA; G. Colman, Parkville, Victoria, Australia; R. H. Deibel, Madison, Wisconsin, USA; Bernice E.

Eddy, Bethesda, Maryland, USA; O. Guthof, Cologne, Germany; P. A. Hansen, College Park, Maryland, USA; W. Heeschen, Kiel, Germany; E. Kjems, Copenhagen, Denmark; W. Köhler, Jena, Germany; Rebecca Lancefield, New York, New York, USA; E. Lund, Copenhagen, Denmark; I. M. Lyampert, Moscow, USSR; Y. Miyamoto, Yokohama, Japan; M. T. Parker, London, England; Sonya Rabinowitz, Jerusalem, Israel; J. Rotta, Prague, Czechoslovakia; M. Elisabeth Sharpe, Shinfield, Reading, England;

H. D. Slade, Chicago, Illinois, USA; and G. Slavin, New Haw, Weybridge, Surrey, England.

Consultative members are: R. R. Facklam, Atlanta, Georgia, USA; W. R. Maxted, London, England; and Elaine Updyke, Atlanta, Georgia, USA; and H. Ottens, Rotterdam, the Netherlands.

Max D. Moody, Secretary
R. E. O. Williams, Chairman