well as genetic (Lauer and Kandler, in preparation) characteristics. Since the epithet *eriksonii* has priority, the name *B. dentium* must be replaced by *B. eriksonii* in the list of approved names. The type strain is ATCC 15423 = DSM 20084.

Minute 6.5. The names *B. coryneforme*, *B. globosum*, *B. cornutum*, *B. appendicitis*, and *B. parabifidum*, which had not been included in the approved list according to the minutes of the Amsterdam meeting, were again discussed. It was generally agreed either that they are synonyms or that the respective species have not been unequivocally defined. They should therefore definitely not be included in the list of approved names.

Minute 7. Minimum standards. The circulated draft was accepted subsequent to minor additions. It should be supplemented by a description of the methods for determining the electrophoretic mobility of transaldolase. Scardovi was asked to send the proper references and necessary additional descriptions to the secretary.

Minute 8. Open meeting. It was agreed to hold an open meeting on 5 September at 1430 prior to the meeting of the *Lactobacillus* Subcommittee. The following contributions were scheduled:

H. Beerens, C. Romond, and C. Neut: "Interet de la recherche de l'exigence des facteurs bifidus dans la taxonomie des espèces appartenant au genre *Bifidobacterium*"

K. W. Knox: "6-Deoxy-talose in the cell walls of bifidobacteria"

E. Sharpe: "Screening tests for differentiation of bifidobacteria from anaerobic lactobacilli"

Minute 9. Current membership. Current membership of the Subcommittee is as follows: O. Kandler (Chairman), Munich, F.R.G.; G. Reuter (Secretary), West Berlin, F.R.G.; H. Beerens, Lille, France; K. W. Knox, Sydney, Australia; T. Mitsuoka, Saitama, Japan; M. Rogosa, Bethesda, Md., U.S.A.; V. Scardovi, Bologna, Italy; M. E. Sharpe, Reading, U.K.; A. G. Stouthamer, Amsterdam, The Netherlands.

Minute 10. Next meeting. An invitation from Scardovi to hold the next meeting in 1980 in Bologna, Italy, was accepted.

Minute 11. Adjournment. The meeting was adjourned at 1830.

G. REUTER, *Secretary*

International Committee on Systematic Bacteriology Subcommittee on *Corynebacterium* and Coryneform Bacteria

Minutes of the Meeting, 3 and 4 September 1978

Munich, F.R.G.

Minute 1. Call to order. The meetings were called to order by the Secretary, R. M. Keddie, on 3 September at 900 and on 4 September at 1400.

Minute 2. Record of attendance. Members present at both meetings were: B. L. Beaman, R. M. Keddie, K. Komagata, and K. H. Schleifer.

Minute 3. Changes in membership. The Secretary reported that two new members, B. L. Beaman and R. Yanagawa, had been elected during the previous year.

Minute 4. Approved Lists of Bacterial Names. It was decided that time did not permit useful discussion of the large number of species within the Subcommittee's area. The Secretary therefore asked members to send him comments on the published *Lists* as soon as possible after the meetings.

Minute 5. Subcommittee activities. Since it was previously decided which genera should be the concern of this Subcommittee, one of the main objectives has been to prepare revised descriptions of these genera: *Corynebacterium*, *Arthrobacter*, *Cellulomonas*, *Microbacterium*, *Brevibacterium*, *Curtobac-*

terium, and *Kurthia*. Although the last-named genus does not have a coryneform morphology, it was thought most appropriate that it should be considered by this Subcommittee. Certain members prepared revised descriptions of the genera listed, and these were circulated prior to the present meetings and formed a basis for discussion at these meetings. Much of the time at both meetings was spent in discussing and revising these proposed generic descriptions. As a result, a large measure of agreement was reached on revised descriptions of the genera listed. These will now be considered by all the members of the Subcommittee, and it was suggested by Beaman that they should be published when final versions have been agreed. The other members present supported this suggestion. Schleifer pointed out that the genus *Brochothrix* (proposed by Sneath and Jones [Int. J. Syst. Bacteriol. 26:102-104, 1976] to accommodate the species *Microbacterium thermosphactum*) did not fall within the sphere of interest of this Subcommittee and that it might be more appropriate for it to be consid-

ered by the Subcommittee on Lactobacilli and Closely Related Organisms.

Minute 6. Cooperation with other subcommittees. At the suggestion of Schleifer, an informal meeting was held on 6 September with members of the Subcommittee on *Nocardia* and Related Organisms and the Subcommittee on the *Actinomycetales*. Much useful discussion ensued, and areas of overlap between the subcommittees were considered.

Minute 7. Current membership. The current membership of the Subcommittee is as follows: L. Barksdale (Chairman), New York, N.Y., U.S.A.; R. M. Keddie (Secretary), Reading, U.K.; B. L. Beaman,

Davis, Calif., U.S.A.; H. G. Davis, Herston, Australia; K. Komagata, Tokyo, Japan; R. A. Lelliott, Harpenden, U.K.; E. Patocka, Prague, Czechoslovakia; V. Bica Popii, Bucharest, Romania; A. Saragea, Bucharest, Romania; K. H. Schleifer, Munich, F.R.G.; G. W. Skyring, Canberra, Australia; R. Yanagawa, Sapporo, Japan.

Minute 8. Adjournment. The meetings were adjourned at 1245 on 3 September and 1500 on 4 September.

R. M. KEDDIE, *Secretary*

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International Committee on Systematic Bacteriology Subcommittee on Gram-Negative Anaerobic Rods

Minutes of the Meeting, 7 September 1978

Munich, F.R.G.

Minute 1. Call to order. The Chairman, S. M. Finegold, called the meeting to order at 2:30 p.m. on 7 September 1978.

Minute 2. Record of attendance. The following members were present: S. M. Finegold (Chairman), Ella M. Barnes (Secretary), H. Beerens, M. P. Bryant, H. S. Goldberg, T. Hofstad, W. J. Loesche, T. Mitsuoka, W. E. C. Moore, A. C. Sonnenwirth, K. Ueno (for S. Suzuki), and H. Werner. In addition to the above, the following visitors were present: Y. deGraaff, Amsterdam, The Netherlands; T. Y. Mu-Skeenberger, Amsterdam, The Netherlands; N. J. Legakis, Athens, Greece; A. Sedallian, Annecy, France; R. Hammann, Bonn, F.R.G.; and C. Romon, Lille, France.

Minute 3. Lists of Approved Bacterial Names. The Subcommittee discussed the latest list of species names from the Judicial Commission and particularly any queries relating to the existence of reference and neotype strains. In the absence of any reference strain which can be cited as a neotype, a species name will be deleted. The list is being completed by E. M. Barnes, and members are asked to reply to her letters seeking further information as quickly as possible.

Minute 4. *Bacteroides melaninogenicus*, *B. oralis*, *B. ruminicola*, and *B. bivius*. The Subcommittee discussed the results of the joint exercise, and it was agreed from the base ratios and other properties that a number of different species were probably represented. From the information received, they were quite unable to reach any decision concerning the possible identity of *B. oralis*. It was agreed that further tests would be required, particularly enzyme patterns, serology, and homologies. The Subcommittee was grate-

ful to all those who had supplied data and strains to them, particularly J. G. Collee and J. Hardie from Great Britain. No further joint study was arranged, but it was hoped that individuals would go ahead with their own research on these organisms and publish their findings. When the Subcommittee meets in 2 years' time (1980), they will study the published data and any "in press" data which are made available to them in order to decide whether a strain can be designated *B. oralis*.

Minute 5. Expression of appreciation. The Subcommittee expressed their thanks to the retiring Chairman, S. M. Finegold, and Secretary, Ella M. Barnes, for their work during the past 6 years.

Minute 6. Current membership. The current membership of the Subcommittee is as follows: H. Werner (Chairman), Bonn, F.R.G.; H. S. Goldberg (Secretary), Columbia, Mo., U.S.A.; H. Beerens, Lille, France; E. M. Barnes, Norwich, England; J. Bittner, Bucharest, Romania; M. P. Bryant, Urbana, Ill., U.S.A.; S. M. Finegold, Los Angeles, Calif., U.S.A.; T. Hofstad, Bergen, Norway; W. J. Loesche, Ann Arbor, Mich., U.S.A.; T. Mitsuoka, Wako, Saitama, Japan; W. E. C. Moore, Blacksburg, Va., U.S.A.; A. C. Sonnenwirth, Saint Louis, Mo., U.S.A.; K. Ueno, Gifu-Ken, Japan.

Minute 7. Next meeting. The next meeting of the Subcommittee will be during the spring or fall of 1980, the exact date to be determined. The meeting will be held in Japan.

Minute 8. Adjournment. The meeting adjourned at 6 p.m. on 7 September 1978.

HERBERT S. GOLDBERG, *Secretary*