Minutes

P. Kämpfer, *Secretary*
D. P. Labeda, *Chairman*

International Committee on Systematics of Prokaryotes

Subcommittee on the taxonomy of the *Streptomycetaceae*

Minutes of the meeting, 25 July 2005, San Francisco, CA, USA

Minute 1. Call to order. An open meeting was called to order by the Chairman, D. P. Labeda, at 9:00 on 25 July 2005.

Minute 2. Record of attendance. The members present were D. P. Labeda (Chairman), P. Kämpfer (Secretary), R. M. Kroppenstedt and F. A. Rainey. Others present were A. Ward, M. Trujillo, L. Evtushenko, W. Pathom-Aree and Y. Kumar (from 9:30). Apologies were received from M. Goodfellow.

Minute 3. Report on the activities of the subcommittee. The minutes of the subcommittee meeting of 2002 (Paris) have been published in *Int J Syst Evol Microbiol* **53** (2003) 925. The present status of the taxonomy of the genus *Streptomyces* was discussed in the light of the forthcoming presentation in *Bergey's Manual of Systematic Bacteriology*, 2nd edition. There was agreement that 16S rRNA gene sequence data should be used as a framework for presentation of species and species groups; however, it was also agreed that the boundary for species delineation in this genus seems to be higher than 97% (99% and up to 99.5% were discussed). There was also general agreement that 16S rRNA gene sequence data cannot serve as the sole basis for species delineation within the genus

Streptomyces and the problems of insufficient resolution capacity using this molecule were addressed. A presentation of *Streptomyces* species in *Bergey's Manual* should be based on those species with validly published names and should include clear statements of strengths and weaknesses of the methods used. Furthermore, a careful look at synonymy should be pursued further.

Minute 4. New members of the subcommittee. The new members elected were M. Trujillo, Spain and L. Evtushenko, Russia.

Minute 5. Present membership. The present membership of the subcommittee is as follows: D. P. Labeda (Chairman) (USA), P. Kämpfer (Secretary) (Germany), M. Beyazova (USA), J. Chun (Korea), L. Evtushenko (Russia), G. Garrity (USA), M. Goodfellow (UK), S. B. Kim (Korea), R. M. Kroppenstedt (Germany), T. Kudo (Japan), F. A. Rainey (USA) and M. Trujillo (Spain).

Minute 6. Next meeting. The next meeting will be held in 2008 in Istanbul, Turkey.

Minute 7. Adjournment. The meeting was adjourned at 11:45 on 25 July 2005.