

Interactive comment on “Microbiology and atmospheric processes: biological, physical and chemical characterization of aerosol particles” by D. G. Georgakopoulos et al.

D. G. Georgakopoulos et al.

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We appreciate the substantial comments by Dr. Morris. Our reply:

Comments 1, 3, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 were addressed as suggested by the reviewer and, where necessary, additional references were added.

Comment 2: Viruses were indeed covered very briefly in the initial paper. Research (and references) on viruses in bioaerosols is now mentioned in sections on Microscopy, Flow cytometry and PCR.

Comment 4: The paper was reorganized by moving former section 4 in section 2.5.

Comment 5: We have some objections to this comment. We can't assume rel-

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ative errors of culturability of microorganisms will be constant. Plate methods will be semi-quantitative a best, useful as very rough indicators of loading. But true, they are indispensable as a source of strains.

Comment 17: We included section 2.6 on the characterization of biological ice nuclei in environmental samples.

A revised version of the paper will be submitted.

Interactive comment on Biogeosciences Discuss., 5, 1469, 2008.

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