

for the completion of their papers, such time will, within reasonable limits, be allowed; the speakers will then be saved from the disappointment of being interrupted before their conclusions are reached, and the officers will be relieved from the embarrassment of enforcing the rule regarding the time-limit.

3. It is particularly urged that diagrams and charts should be made on such a scale that they can be deciphered easily at a distance of 30 or 40 feet; and that lantern slides should be exhibited in moderate number, only such being chosen as directly illustrate the subject under discussion. Lantern slides should, if possible, be introduced as the points that they illustrate are reached, rather than after the conclusion of the paper.

By invitation of the fellows residing in Princeton the usual smoker or general social gathering will be held on Tuesday evening, the 30th, after the presidential address. The customary subscription dinner will take place Wednesday evening.

A valuable feature of the regular and social sessions of the annual meetings has always been the attendance of students and other junior workers in geological science, as visitors. The council desires to increase the number of such attendants, and with this object requests each fellow to send to the secretary, not later than December 10, the names and addresses of persons who, whether they can attend the meeting or not, are seriously interested in geology and deserving of recognition as visitors, although they have not yet reached such standing as to gain membership in the society. The council will then write to the persons thus nominated, inviting them to attend the Princeton meeting.

The Paleontological Society will hold its annual meeting in connection with the meeting of the Geological Society, the sessions beginning on Wednesday, December 31, 1913. Detailed information regarding this meeting may be obtained from Dr. R. S. Bassler, U. S. National Museum, Washington, D. C., Secretary of the Society.

EDMUND OTIS HOVEY,  
*Secretary*

#### THE SOCIETY OF AMERICAN BACTERIOLOGISTS

THE annual meeting of the Society will be held in Montreal, December 31, 1913, and January 1 and 2, 1914 under the presidency of Professor C.-E. A. Winslow. The meetings of the society will be held in the new Medical Building of McGill University on December 31 and January 2. The society will meet at Macdonald College on January 1, leaving Montreal at 9:10 A.M., and returning at 5:42 P.M. Luncheon will be served to the members at Macdonald College.

The annual dinner will be held at the University Club on the evening of January 1. The president's address "The Characterization and Classification of Bacterial Types" will follow the dinner.

The program is divided into topics each of which will occupy one session of the meeting. Titles of papers should be in the hands of the Program Committee not later than November 20, 1913.

*Soil Bacteriology*—Otto Rahn, University of Illinois, Urbana, Illinois.

*Sanitary Bacteriology*—including Water and Dairy Bacteriology—H. W. Hill, Institute Public Health, London, Ontario, Canada.

*Systematic Bacteriology*—H. J. Conn, Geneva, New York.

*Technic*—L. A. Rogers, Department of Agriculture, Washington, D. C.

*Immunity*—Benjamin White, Director of Hoagland Laboratory, Brooklyn, New York.

*Pathology*—P. F. Clark, No. 1027 N. Caroline Street, Baltimore, Md.

Typewritten abstracts of papers (not more than 300 words) should be in the hands of the secretary not later than the last session. These abstracts last year were published in *SCIENCE* and *Cent. f. Bakt.*

A. PARKER HITCHENS,  
*Secretary*

GLENOLDEN, PENNSYLVANIA

#### THE ATLANTA MEETING OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

THE sixty-fifth meeting of the American Association for the Advancement of Science,