

and will alternate with the sessions of the Botanical Society of America, as at the Chicago meeting. The address of the retiring vice-president, Dr. C. E. Bessey, will be on "The Phyletic Idea in Taxonomy."

Section L—Education—will hold five sessions, three independent sessions and two joint sessions. The topics and speakers for the independent sessions are: 1. The Relation of the Bureau of Education to the Other Educational Work of the Country, President Harry Pratt Judson, Professor Edward C. Elliott, Superintendent E. C. Moore. 2. American College Education and Life, Professors Josiah Royce, Wm. North Rice, President Wm. L. Bryan and others. 3. The Relation of Governments to Education (address of the retiring vice-president), Hon. E. E. Brown, U. S. Commissioner of Education. The first of these sessions will be held on Tuesday, December 29, at 2 P.M.; the second on Wednesday, December 30, at 2 P.M., and the third on Thursday, December 31, at 3 P.M.

One of the joint sessions will be held on Tuesday, December 29, at 10 A.M. with the American Federation of Teachers of the Mathematical and the Natural Sciences at which the topic: The Problems of Science Teaching will be discussed by Presidents R. S. Woodward and Ira Remsen, and Professors John M. Coulter, N. M. Fennemann, George F. Stradling and William T. Campbell. The other joint session will be held on Wednesday, December 30, at 10 A.M., with the American Psychological Association, at which meeting reports of experimental work in educational psychology will be presented and discussed by a number of investigators in this field.

*THE ANNUAL DUES OF MEMBERS OF THE  
AMERICAN ASSOCIATION FOR THE  
ADVANCEMENT OF SCIENCE*

The permanent secretary of the American Association for the Advancement of Science begs to call the attention of members to the fact that the annual dues (three dollars) for the year beginning January the first should now be sent to him. The financial year of the association now ends on October 31, and

the dues for the following calendar year should be paid as soon as possible after that date. The dues are so small and the membership of the association has become so large that the sending of statements involves an expenditure of time and money, which, so far as possible, should be saved. The office of the permanent secretary must be removed to the place of meeting at Baltimore during the last week in December, and the dues should be paid prior to that time. If they are not paid before January 1, there are serious complications in regard to the sending of *SCIENCE* to members. The association can not make itself responsible for sending *SCIENCE* to those whose dues are in arrears, as there are some who may regard the non-payment of dues as equivalent to resignation from the association. The back numbers will be sent to those who pay their dues after January the first upon application to the publishers and the payment of postage at the rate of one cent a copy, so far as the edition permits, but the publishers do not guarantee that this will be done. Should the edition threaten to become exhausted, it will be necessary for those who wish to keep their sets of *SCIENCE* complete to pay for the numbers at the rate of fifteen cents each.

The permanent secretary takes this occasion to remind members of the desirability of assuming life membership in the association. By the payment of fifty dollars at the present time, all future trouble and expense is avoided. The fees of life members are ultimately transferred to the permanent fund, the income of which is used exclusively for the encouragement of research, and those who assume life membership thus contribute materially to the advancement of science.

L. O. HOWARD,  
WASHINGTON, D. C. *Permanent Secretary*

*SCIENTIFIC NOTES AND NEWS*

It is announced that the Nobel prizes for 1908 are to be awarded as follows: For chemistry, Professor Ernest Rutherford, director of the physical laboratories of the University of Manchester, England; for literature, Algernon Charles Swinburne; for physics, Dr. Max