

ent. The following resolution was unanimously adopted:

This committee, on behalf of the western members of the American Association for the Advancement of Science, expresses its gratification at the proposal to hold a meeting on the Pacific Coast during the summer of the year 1915, and hereby extends a cordial invitation to the association and to all its affiliated societies to meet in San Francisco at the time of the Panama Exposition.

Sub-committees and their chairmen were appointed as follows: Time and place of meeting, A. C. Lawson; transportation, H. S. Ryan; hotels and accommodations, A. L. Kroeber; program, G. E. Hale; excursions, A. G. McAdie; reception and entertainment of visiting ladies, Agnes Claypole Moody; membership, Vernon L. Kellogg; publicity, J. C. Merriam; finance, D. T. MacDougal; executive committee, W. W. Campbell. An honorary local committee of one hundred will also be appointed.

The question of the organization of the Pacific Coast members into a geographical division with power to hold meetings and present scientific programs was discussed at length. A motion that it be the sense of the committee that such a division should be established was unanimously carried; but it was the general feeling that the success of such a step would depend upon the attitude of the Pacific Association of Scientific Societies. It is to be hoped that this association will merge itself into the Pacific Coast Division of the American Association and its constituent societies become affiliated with the latter. The executive committee was asked to consider the whole matter and to endeavor to secure the cooperation of the various scientific societies on the Pacific Slope.

The affiliation of these societies and an active campaign for membership would undoubtedly greatly increase the membership of the association on the Pacific Coast. This, together with the attractive features of the exposition and the varied natural beauties of the Pacific slope, should cause a very large attendance at the meeting in 1915.

E. P. LEWIS,
Secretary

*MINUTES OF THE COUNCIL OF THE
AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE*

THE council of the association met at the Cosmos Club, Washington, on Tuesday, April 22, 1913, at 5 P.M. Those present were: Messrs. Wilson, Alsberg, Bessey, Boas, Cattell, Campbell, Diller, Humphreys, Kober, MacBride, MacDougal, Nichols, Pickering, Woodward and Howard.

The permanent secretary read nominations made by the sectional committee of Section K for Dr. Theodore Hough, as vice-president and chairman, and Dr. John R. Murlin, as secretary. On motion, these were elected.

On motion, Mr. Seymour C. Loomis was made a fellow of the association.

Mr. Cattell submitted the report of the committee on policy, and, on motion, the following resolutions recommended by the committee were adopted:

Resolved, That the Pacific Coast committee be authorized to secure an associate secretary for the Pacific Coast at a salary of one hundred dollars a month, this officer to devote at least one half of his working time on the work of the Pacific Coast committee in the effort to advance the interests and increase the membership of the association under the direction of the Pacific Coast committee, and, further, that an appropriation of six hundred dollars, or so much thereof as may be necessary, be made for paying the office and traveling expenses of such secretary.

Resolved, That a committee consisting of Messrs. J. A. Holmes, W. J. Humphreys, H. M. Smith and the permanent secretary, be authorized in the early autumn to select and appoint a temporary associate secretary for the south at a salary of two hundred dollars a month, for not more than four months, with two hundred dollars in addition for traveling and office expenses, whose duties shall be to advance the interests and increase the membership of the association in the south, with an especial effort to increase the interest in, and the attendance at, the Atlanta meeting.

On motion, the recommendation that Dr. Carl L. Alsberg be elected vice-president and chairman of Section C was adopted.

On motion, Dr. Walter B. Pillsbury was made a fellow of the association, followed by the adoption of a motion that he be elected vice-president and chairman of Section H.

On motion, Mr. Judson G. Wall was made a fellow of the association, followed by the adoption of a motion that he be elected vice-president and chairman of Section I.

The following resolutions recommended by the committee on policy were adopted:

Resolved, That the Pacific Coast committee be authorized, in the absence of constitutional authority, to designate its meetings at which scientific programs are presented as "Meetings of the Pacific Coast Division of the American Association for the Advancement of Science."

Resolved, That the Pacific Coast committee be placed in charge of all arrangements, including program, for the proposed Pacific Coast meetings in 1915 in cooperation with the several sectional secretaries and in consultation with the permanent secretary.

The following preamble and resolution recommended by the committee on policy was adopted:

WHEREAS, It is eminently desirable that scientific men especially skilled in their departments be appointed as heads of the scientific bureaus of the government, therefore,

Resolved, That a committee of three be appointed to communicate to the President of the United States that it is the opinion of the council of the American Association for the Advancement of Science that a scientific man skilled in meteorology should be selected as the Chief of the Weather Bureau.

The following resolution recommended by the committee on policy was adopted:

Resolved, That the president be authorized, with the advice of the committee on policy, to appoint a Committee of One Hundred on Scientific Research under the government, in the universities and in other institutions.

On motion, it was

Resolved, That the council allow the sectional committee of Section C to nominate and elect the new secretary of that section.

On motion, it was

Resolved, That the council delegate full powers to the committee on policy with respect to all arrangements concerning the organization of the Pacific Coast Division of the association, including all matters relating to the affiliation of the indi-

vidual societies composing the present Pacific Association of Scientific Societies.

At 6.10 P.M., the council adjourned.

L. O. HOWARD,
Permanent Secretary

THE ANNIVERSARY MEETING OF THE NATIONAL ACADEMY OF SCIENCES

THE National Academy of Sciences celebrated the semi-centennial anniversary of its foundation on April 22, 23 and 24, exactly fifty years after its first meeting. It was a most successful meeting with the largest attendance of members in the history of the academy. There was no program of technical papers, but in its place a series of addresses. Dr. Ira Remsen, the president of the academy, at the first session read an address on the history of the academy, and then introduced President Arthur T. Hadley, of Yale University, who spoke on "The Relation of Science to Higher Education in America." He was followed by Dr. Arthur Schuster, secretary of the Royal Society of London, who spoke on "International Cooperation in Research." At the afternoon session Dr. George E. Hale, director of the Mt. Wilson Solar Observatory, gave an address on "The Earth and Sun as Magnets." On the morning of the following day, Dr. J. C. Kapteyn, director of the Astronomical laboratory of the University of Groningen, gave an address on "The Structure of the Universe." Dr. Theodor H. Boveri, of the University of Würzburg, was to have spoken on "The Material Basis of Heredity," but was unable to be present owing to ill health.

The program left ample time for social events, which were admirably arranged. Luncheons were provided each day and there were evening receptions at the National Museum and the Carnegie Institution. The afternoon of April 24 was devoted to an excursion to Mt. Vernon on the U. S. S. *Mayflower*. On the afternoon of April 23, there was a reception at the White House, when the President of the United States conferred medals, and afterwards, with Mrs. Wilson,