

His thoughtfulness of others was always uppermost in his mind, and many a man had cause to thank him for pecuniary help, which was always made available in such a way that the most sensitive could not feel any hurt to his pride. "Outside jobs" were frequent; very often they were doubtless thought up by Professor Howe himself, and they were always paid for most generously.

In 1874 he married Fannie Gay, of Troy, who survives him. She was deeply interested in his work and always accompanied him on his travels and in his attendance at all scientific conventions. She so looked after him that she helped him to conserve his energy for the main purpose; in fact, without her aid he could never have accomplished all that he did. She was as much interested in his students as he was himself, and the little luncheons and dinners at their home were affairs to be sought after and remembered, for she knew us all by name and also knew all our old instructors—often from an angle new to us.

An enthusiastic advocate of the cause of the Allies, he served during the war and later as chairman of the engineering division of the National Research Council. He worked incessantly, and with his wonderful and extraordinary energy and activity he accomplished a great deal in the study of improved methods of the open hearth process and the methods of production of new alloy steels and their physical properties.

In short, we can say of him that he was a kindly gentleman, thoughtful of others; a great scientist, greatly honored and yet most modest; a remarkably clear writer with a gift of simplicity of thought and diction; and, lastly, he was undoubtedly the greatest of all the steel metallurgists.

WM. CAMPBELL

COLUMBIA UNIVERSITY

## THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

### THE SALT LAKE CITY MEETING

THE summer meeting of the American Association for the Advancement of Science, to be held at Salt Lake City, June 22 to 24, will be a joint meeting of the American Association

with the Pacific Division of the association. This will be the seventy-fifth meeting of the association and the sixth annual meeting of the Pacific Division and its affiliated societies. The illustrated preliminary announcement of the meeting has recently been published and mailed to all members of the association.

The meeting will be held under the auspices of the Pacific Division. Dr. Barton Warren Evermann, president of the division, will preside at the general sessions and will deliver the presidential address at the opening session on Thursday evening, June 22. The general secretary of the association, Dr. D. T. MacDougal, will represent the larger organization. The hosts for this meeting are the University of Utah, the Utah Academy of Sciences, the Utah Agricultural College and the Brigham Young University. Much valuable help is being rendered by the City of Salt Lake, the Union Pacific System, the Hotel Utah and the Commercial Club of Salt Lake City.

A glance at the preliminary announcement shows that the Salt Lake City meeting will be successful in every way, an interesting and valuable meeting for all who attend. The city itself is unusually interesting from many view-points—scientific, educational, religious, commercial, social and artistic. The vicinity is famous for its agriculture and for its mining activities. The summer climate is very enjoyable, with sunny days and cool nights. Opportunities for the pleasures of outdoor life are furnished by the broad streets with their stately shade-trees, the beautiful parks and boulevards, the many canyons in the vicinity, and the famous bathing beach on Great Salt Lake.

The Hotel Utah is to be the official headquarters. No special railway rates will be available for those who attend this summer meeting, but advantage may be taken of the extraordinarily reduced summer excursion tariffs. The following examples give round-trip rates to Salt Lake City from the places named: From San Francisco, Sacramento, Oakland, Berkeley, Fresno, San Jose and Los Angeles, \$48.82; from Denver, \$36.10; from Omaha, \$50.25; from Kansas City, \$50.25; from St. Paul, \$62.30; from Chicago, \$60.00; from St. Louis, \$56.00; from Memphis, \$73.60; from New Orleans, \$85.15; from Fort Worth, \$64.15.

Liberal round-trip summer rates will be available for those wishing to proceed beyond Salt Lake City, with stop-over privileges at that point and elsewhere. Local railway agents should be consulted for exact information.

Some of the features of the varied program of the meeting are the following: A conference on "Research Problems of the Great Basin" will be held at noon on Thursday, June 22. Dr. John A. Widtsoe, past president of the University of Utah, will lead the discussion, and delegates from Pacific Coast institutions will take part. President Evermann's address Thursday evening will be on "The Conservation and Proper Utilization of our Natural Resources." Following this address there will be a general reception.

The afternoon of Friday will be devoted to a symposium on "The Problems of the Colorado River," with the following titles, several of which represent changes made in the program since the publication of the preliminary announcement: (1) "Description and physiography of the Colorado River Basin," Dr. Frederick J. Pack, Deseret professor, department of geology, University of Utah; (2) "Geology of the Colorado River Basin with reference to the engineering problem," Professor Bailey Willis, professor of geology, Leland Stanford, Jr., University; (3) "The vegetation of the Colorado River Drainage Basin," Dr. Frederic E. Clements, Carnegie Institution of Washington; (4) "The Algerian Sahara," Professor E. V. Gautier, Faculty of Letters, University of Algiers, and exchange professor, Harvard University; (5) "The conservation of the waters of the Colorado River from the standpoint of the reclamation service," Mr. Frank E. Weymouth, chief engineer, United States Reclamation Service; (6) "The interstate and international aspects of the Colorado River problem," Dr. C. E. Grunsky, vice-president of the Pacific Division, American Association for the Advancement of Science, San Francisco, California.

All members of the association and of the affiliated societies should attend the banquet Friday evening, at which an address will be given by the distinguished writer and student of human evolution, Professor James Harvey

Robinson, of the New School of Social Science, New York City.

Saturday will be devoted to excursions and entertainment. A free organ recital will be given in the Tabernacle, and there will be a trip to the famous Saltair bathing beach. In the evening Dr. J. E. Broadbent will give an illustrated lecture entitled "From the Grand Canyon to the Yellowstone."

The distinguished Dutch evolutionist, Dr. J. P. Lotsy, of the Holland Society of Science in Haarlem, is expected to give a talk on evolution, probably on Thursday.

The regular section organizations of the association will not hold sessions at the Salt Lake City meeting, but many scientific societies and groups of workers will present programs. Among these are the American Physical Society, the American Meteorological Society, the Pacific Division of the American Phytopathological Society, the Cooper Ornithological Club, the Ecological Society of America, the Pacific Coast Entomological Society, the Pacific Slope Branch of the American Association of Economic Entomologists, the Plant Physiologists, the Society of American Foresters, the Western Psychological Association, the Western Society of Naturalists, the Agronomists and Soil Experts.

Correspondence regarding the preparations for the summer meeting should be addressed to Mr. W. W. Sargeant, secretary of the Pacific Division, A. A. A. S., Golden Gate Park, San Francisco.

BURTON E. LIVINGSTON,  
*Permanent Secretary*

#### SCIENTIFIC EVENTS THE SPENCER FULLERTON BAIRD MEMORIAL

A NATIONAL movement has been inaugurated in Washington to commemorate on February 3, 1923, the one hundredth anniversary of the birth of Spencer Fullerton Baird. Through a local organizing committee of twenty-six members, of which Dr. Hugh M. Smith is chairman and Dr. Paul Bartsch is secretary, a permanent national organization has been effected with the following officers: *Honorary president*, Dr. William H. Dall, Washington, D. C.; *presi-*