

FRIDAY AFTERNOON AT 2 O'CLOCK

Henry H. Donaldson

Vice-president, in the Chair

An Archeological Discovery in the Guatemala Highlands: Alfred V. Kidder, Division of Historical Research, Carnegie Institution of Washington.

Cenozoic Cycles in Asia and Their Bearing on Human Prehistory: Hellmut De Terra, research associate, Carnegie Institution of Washington.

Report on Linguistic and Cultural Studies among the Todas and Other Dravidian Peoples, 1935-36. (To be read by Professor Franklin Edgerton.) Murray B. Emeneau, research assistant, Yale University.

Some Results of the Excavations at Olynthus: David M. Robinson, professor of archeology and epigraphy, lecturer in Greek literature, the Johns Hopkins University.

The Excavation of Bethel: William F. Albright, professor of Semitic languages, the Johns Hopkins University.

Results of a Search for Lost Greek Sculptures: William Bell Dinsmoor, professor of archeology, Columbia University.

The Union Catalogue of the Philadelphia Metropolitan Area: Conyers Read, professor of English history, University of Pennsylvania.

FRIDAY EVENING AT 8:15 O'CLOCK

D'Arcy W. Thompson, professor of natural history, St. Andrews University, Scotland, will speak on *Astronomy in the Classics*.

SATURDAY MORNING, NOVEMBER 28, AT 10 O'CLOCK

Roland S. Morris

President, in the Chair

The Theory of Some Chemical Reactions: Henry Eyring, assistant professor of chemistry, Princeton University.

The Chemical Concentration of the Carbon Isotope: Harold C. Urey, professor of chemistry, Columbia University.

Report on the Mass Analysis of the Chemical Elements: Arthur J. Dempster, professor of physics, University of Chicago.

The Design of Powerful Electromagnets: Francis Bitter, associate professor of physics of metals, Massachusetts Institute of Technology.

The Nature of Cosmic Rays: W. F. G. Swann, director of the Bartol Research Foundation of the Franklin Institute.

Impulse Methods for Ion Acceleration: Jesse W. Beams, professor of physics, University of Virginia.

Radioactivity, Measurement of Time and Difficulties: Alfred C. Lane, professor emeritus of geology and mineralogy, Tufts College, Massachusetts.

The Verification of the Lunar Theory: Ernest W. Brown, professor emeritus of mathematics, Yale University, and W. J. Eckert.

Luncheon for members and invited guests.

THE MEETING OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE IN PHILADELPHIA

ON invitation of the American Philosophical Society, the Franklin Institute, the Academy of Natural

Sciences, the University of Pennsylvania and other scientific and educational institutions, the American Association for the Advancement of Science and its associated societies will meet in Philadelphia on Saturday, January 2, following the adjournment at Atlantic City on the evening of Friday, January 1.

Some of the sections of the American Association for the Advancement of Science and some of the affiliated and associated societies have planned to end their sessions at the Atlantic City meeting on Thursday evening. This is unfortunate for several reasons; it causes a serious overcrowding of programs in the earlier days of the week and it withdraws support from the programs of the last two days. It has been a source of criticism for many years that the programs of convocation week are brutally overcrowded. Sessions of related subjects conflict in time and individual programs are so crowded that there is no time for discussion. Papers are run through the mill in the most approved "mass production" method and one wonders why any person should care to present the results of long and laborious scientific work in such a manner.

By contrast at the British Association the sessions generally last throughout the week and much time is given to the discussion of the papers which are offered. Teas, luncheons, dinners, receptions and excursions lend a most agreeable social aspect to their meetings. The American Association might well follow the practice of its prototype in these respects.

At the Atlantic City meeting it is expected that there will be important lectures and moving pictures of general scientific interest on Friday, January 1. On Saturday it is planned to hold a symposium at the American Philosophical Society in Philadelphia on some of the latest advances in the biological and medical sciences. Following the symposium there will be a complimentary luncheon for members of the association and affiliated societies in the Hall of the American Philosophical Society. This oldest scientific society in America has occupied its present building on Independence Square for more than 150 years, and it is well worthy of a visit by members of the American Association for the Advancement of Science. After luncheon transportation will be provided to other places of scientific interest in Philadelphia, and particularly to the Academy of Natural Sciences, the Franklin Institute and the University Museum. These institutions will keep open house for visitors on this occasion and it is hoped that a goodly number of those who have attended the Atlantic City meeting may take advantage of this opportunity to see some of the recent important advances in the scientific institutions of Philadelphia.

EDWIN G. CONKLIN,

President of the Association