

classified for future distribution to all the shareholders in the expedition.

According to Dr. True, the participation of the Morris Arboretum in the Rock expedition marks the first step in the arboretum's program for the collection of rare botanical specimens from all parts of the world. Although the arboretum already has a wide representation of Oriental plants, its herbarium will be greatly enriched by the mounted specimens from Tibet. It is expected that the seeds from the Rock expedition will enable the arboretum to grow many varieties of Oriental plants.

DEDICATION OF THE GEORGE EASTMAN RESEARCH LABORATORIES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

THE George Eastman Research Laboratories of the Massachusetts Institute of Technology will be dedicated on Monday, May 1.

The new building, which takes its place in the main educational group, will be devoted to advanced training and research in physics and chemistry, and many former students and members of the faculty in these fields will return for the dedication. It was built from a fund originally provided by the late George Eastman for new buildings, and was completed last autumn. The laboratory offers the most advanced facilities for fundamental study and teaching.

The ceremonies will open with a meeting in the large lecture room of the laboratories in the morning, when the guests and official delegates will be welcomed in an address by President Karl T. Compton. Dr. Harry M. Goodwin, dean of the Graduate School, will speak on "The Graduate School," and Professor Frederick G. Keyes, head of the department of chemistry, will discuss "Chemistry at the Massachusetts Institute of Technology," tracing the development of advances in this field at the institute since its beginning. "Physics at the Massachusetts Institute of Technology" will be the subject of an address by Professor John C. Slater, head of the department of physics. The meeting will be followed by an inspection of the laboratories and special exhibits.

After a buffet luncheon in the Walker Memorial Building, the delegates will attend a meeting at which Dr. Arthur H. Compton, of the University of Chicago, will contribute a paper entitled "Cosmic Rays," and Professor Charles A. Kraus, of Brown University, will speak on "Thirty Years of Physical Chemistry."

After the meeting, the inspection of laboratories and exhibits will be resumed, to be followed by a tea in the Forris Jewett Moore Room late in the afternoon. At 6:30 in the evening the delegates will attend a dinner in Walker Memorial. The ceremonies will close with a reception by President Compton and

the staff of the George Eastman Research Laboratories.

As a preliminary to the dedication of the new building, the Northeastern Section of the American Chemical Society, with members of various other New England sections as its guests, will meet in the new building on Saturday afternoon and evening, April 29. Dr. Gilbert N. Lewis, dean of the College of Chemistry at the University of California, a former member of the faculty, will make an address at the afternoon meeting on "The Preparation and Properties of Pure Hydrogen Isotope." At the dinner in the evening, Professor Ernest H. Huntress, of the department of chemistry, will perform a number of unusual experiments in chemistry.

THE MINNESOTA ACADEMY OF SCIENCE

LAST October there were held in the Twin Cities several meetings with a view to organizing a Minnesota Academy of Science. Formal organization was finally completed at a meeting held on November 18. The officers elected and appointed were:

President, Wm. A. Riley, University of Minnesota, St. Paul.

Vice-president, H. E. Stork, Carleton College, Northfield.

Secretary-Treasurer, D. E. Minnich, University of Minnesota.

Councilors, George Friedrichs, State Teachers College, St. Cloud; Richard U. Jones, Macalester College, St. Paul; Reverend Wendel Luetmer, St. John's University, Collegeville; E. T. Tufte, St. Olaf College, Northfield.

On April 15, the first annual meeting of the academy was held in the Zoology Building at the University of Minnesota. At a morning and an afternoon session eighteen papers were read. The papers covered a wide variety of fields, including biology, chemistry, geology and astronomy. The noonday luncheon was the occasion of two addresses: one by Dr. L. M. Gould, of Carleton College, on "Antarctic Glaciation," and one by Dr. A. E. Jenks, University of Minnesota, on "Anthropologic Problems of Special Interest in Minnesota." Forty-nine new active members and five new associate members were elected to the academy.

The following officers were elected for the coming year:

President, H. E. Stork, Carleton College, Northfield.

Vice-president, T. B. Magath, Mayo Clinic, Rochester, Minnesota.

Secretary-Treasurer, H. K. Wilson, University of Minnesota, St. Paul.

Councilors, George Friedrichs, State Teachers College, St. Cloud; Richard U. Jones, Macalester College, St.

Paul; Wendel Luetmer, St. John's University, Col-
legeville; E. T. Tufte, St. Olaf College, Northfield.

THE SALT LAKE CITY MEETING OF THE PACIFIC DIVISION OF THE AMERICAN ASSOCIATION FOR THE ADVANCE- MENT OF SCIENCE

By invitation of the University of Utah, the Pacific Division of the American Association for the Advancement of Science and associated societies will hold their seventeenth annual meeting at Salt Lake City. Unusually attractive rates have been offered by the railways for members proposing to attend the meeting.

The sessions will commence on Monday, June 12. In the afternoon a series of reviews pertaining to the progress of scientific research will be presented. The subjects and authors are: Meteorology, H. H. Kimball, Harvard University; Geology and Seismology, Eliot Blackwelder, Stanford University; Astronomy and Astrophysics, R. G. Aitken, Lick Observatory; Chemistry in Relation to Medicine, Chauncey D. Leake, University of California.

Problems of major interest and the most noteworthy accomplishments in each of these fields will receive attention.

The morning of Tuesday, June 13, is to be devoted to a symposium on "Scientific Problems of the Great Salt Lake." The subjects selected for consideration will be presented as follows:

"The Ancestry of Great Salt Lake," F. J. Pack, professor of geology, University of Utah.

"Climatological and Hydrological Problems," T. C. Adams, associate professor of civil engineering, University of Utah.

"Chemical Deposits and Problems," T. B. Brighton, professor of metallurgy, University of Utah.

"Animal Life and Relations," R. V. Chamberlin, professor of zoology, University of Utah.

"Observations on Artemia," E. G. Martin, professor of physiology, Stanford University.

"Plant Life and Relations," W. P. Cottam, professor of botany, University of Utah.

The general addresses to be delivered before the division at large are scheduled for the evenings of June 12, 13 and 14. The first will be by Dr. W. F. Durand, president of the Pacific Division, on "The Development of our Knowledge of the Laws of Fluid Mechanics"; that of Tuesday evening will be given by Dr. H. H. Kimball, of the Blue Hill Observatory, Harvard University, on "Meteorology—Ancient and Modern; its Development and Applications," and that of Wednesday evening, June 14, by Professor Bailey Willis on "Earthquake Habits of Many Lands."

June 15 will be the closing date for all the organizations participating in the meeting, except the American Physical Society and the Astronomical Society of the Pacific, whose programs extend over June 16.

Members of associated societies are reminded that the titles of papers to be presented at the meeting must be submitted as soon as possible for inclusion in the program.

SCIENTIFIC NOTES AND NEWS

WILLIAM HENRY HOLMES, chief of the Bureau of American Ethnology from 1902 to 1910, who retired last June as director of the National Gallery of Art, died on April 20 at the age of eighty-six years.

At the meeting of the American Philosophical Society held in Philadelphia on April 21, the following members were elected. *Members resident of the United States*: Donald H. Andrews, Baltimore; William Bell Dinsmoor, New York; Edward Vermilye Huntington, Cambridge; B. E. Livingston, Baltimore; Edward Martin, Media; Marshall S. Morgan, Philadelphia; G. Kingsley Noble, New York; Francis Randolph Packard, Philadelphia; Samuel Price Wetherill, Jr., Haverford; Westel Woodbury Willoughby, Baltimore, and James Thomas Young, Philadelphia. *Foreign residents*, James Colquhoun Irvine, St. Andrews, Scotland, and Max Planck, Berlin, Germany.

At the recent charter day exercises of the University of California, the doctorate of laws was conferred on Dr. William E. Ritter, emeritus professor of zoology at the university, emeritus director of the Scripps

Institution of Oceanography and honorary president of Science Service.

THE honorary degree of LL.D. was conferred at the graduation ceremony on March 29 of the University of Aberdeen on Dr. D'Arcy Wentworth Thompson, professor of natural history at the University of St. Andrews, "in recognition of the fact that he had played a leading part in guiding the scientific investigation of an industry of immense importance to the city of Aberdeen, since the time when, in 1897, as a British delegate, he had attended the Behring Seas Fisheries Conference."

THE University of St. Andrews will confer on June 30 the honorary doctorate of laws on Professor Carl Neuberg, director of the Kaiser Wilhelm Institute for Biochemistry, Berlin, and editor of the *Biochemische Zeitschrift*, and on R. S. Pearson, director of the Forest Products Research Laboratory, Princes Risborough.

ROYAL MEDALS of the Royal Geographical Society have been awarded as follows: The Founder's Medal