

argument or a loose expression escaped him. We shall not soon see the like of him again, but those of us who remain will have to content ourselves with having known him and we shall cherish the memory of one who was so well worth knowing.

A. J. PIETERS

SAMUEL MARX BARTON

DR. SAMUEL MARX BARTON died on January 5, 1926, in St. Luke's Hospital, Richmond, Virginia, after two years of declining health and about two months serious illness. Dr. Barton was born near Winchester, Virginia, May 9, 1859. He received his B.A. and Ph.D. degrees from the University of Virginia, and did his major work in mathematics. After leaving the University of Virginia in 1885, he taught at Emory and Henry College in Virginia until 1893 when he resigned to do two years of graduate study at Johns Hopkins University. At the end of these two years he taught a short time at Virginia Polytechnic Institute, and was called to the University of the South, where he taught from 1896-97 until the time of his death. His major work was in pure mathematics, but he taught some classes in civil engineering.

He is author of "An Elementary Treatise on the Theory of Equations" and "The Elements of Plane Surveying." He was a fellow of the American Association for the Advancement of Science and of the American Mathematical Society. He was one of the charter members of the Tennessee Academy of Science and served as treasurer, vice-president and president.

Dr. Barton was held in high esteem by his colleagues and students at the University of the South and his scholarship and culture won for him many friends.

JOSEPH K. ROBERTS

VANDERBILT UNIVERSITY

SCIENTIFIC EVENTS

THE SMITHSONIAN-CHRYSLER EXPEDITION TO AFRICA

THE Smithsonian Institution, in cooperation with Walter P. Chrysler, automobile manufacturer, of New York, will send a party of scientific men under the leadership of Dr. William M. Mann, superintendent of the National Zoological Park, to British East Africa early in March. Their object will be to bring back alive, for exhibition in the National Zoological Park at Washington, which is under the direction of the Smithsonian Institution, approximately one hundred species of wild animals never before seen in America, as well as many other African animals at present rare in this country and not now found at the national park.

The Smithsonian Institution sent out the big game

hunting expedition to Africa under Theodore Roosevelt in 1909. During its eighty years of active scientific research, the institution has directed and participated in many expeditions for varied purposes, including the collection of specimens for mounting. But the trapping of wild animals alive in such quantity and variety as will be attempted by the Smithsonian-Chrysler expedition is believed to be without precedent.

Dr. William M. Mann, superintendent of the National Zoological Park, will lead the expedition. Dr. Mann announced that the immediate inspiration of the undertaking is the lack of either giraffes or rhinoceroses at the zoo. From that point the plans have expanded so that they not only include the collecting of many wild animals alive, but have given the expedition a very broad scientific scope.

Tanganyika Territory in British East Africa has been selected as the best place to trap the wild animals that are the object of the trip. The expedition will proceed inland from Dar-es-Salaam, and will form a camp, if possible, on a ranch not too remote from a railroad. That will be headquarters during the entire stay of five or six months in the field. An experienced animal keeper from the National Zoological Park will remain there in charge with a corps of natives, whom he will train to receive and care for the animals brought in, until arrangements can be made for shipping them to this country.

The personnel of the expedition will include Albert J. Loveridge, of the Museum of Comparative Zoology at Harvard University, who was for eight years assistant game warden in Tanganyika Territory; Stephen Haweis, naturalist, artist and author; F. G. Carnachan, amateur naturalist with wide field experience; Charles Charleton, photographer representing the Pathé News, who will make a complete record of the trip in motion pictures, which will be exhibited in a series of reels in this country, and Frank Lowe, keeper at the National Zoological Park, who has had eighteen years experience in the care of wild animals.

A FIELD COURSE IN GEOLOGY AT PRINCETON UNIVERSITY

A COURSE to be given on wheels will be offered by the department of geology of Princeton University next summer. Traveling about 10,000 miles in a Pullman car designed especially for the course, a party of twenty-two professors, instructors and undergraduates will make a study of the geology and natural resources of the United States.

Leaving Princeton July 1, the party will stop at localities of geological interest, where field trips will be made under the guidance of local experts. Lectures will be given en route and conferences will be

held after each field trip. Upon their return to Princeton about September 1, the undergraduates of the party will receive a final examination in the course.

Professor Richard M. Field, of the department of geology, will direct the trip and will be assisted by Professor A. F. Buddington. Associated with the project is a group of scientific and business men who form an advisory council. Among them are: Dr. John Grier Hibben, Professor William Berryman Scott, chairman of the department of geology at Princeton; William G. Besler, president of the Railroad Presidents of America; David White, chairman of the division of geology and geography of the National Research Council; E. F. Carry, president of the Pullman Company; Charles Campbell, deputy minister of mines for Canada; Ralph Budd, president of the Great Northern Railroad; Stephen T. Mather, director of the National Park Service; H. C. Bumpus, secretary of the American Museum's committee; A. D. Mead, vice-president of Brown University, and C. D. Walcott, president of the Smithsonian Institution.

The course will be open to American undergraduates who have had at least one year of college geology; to American and foreign graduate students, and to instructors or professors in geology.

The principal stops planned for the tour are the Silurian section at Niagara Falls, the Mesabi Copper Mines and Smelter at Anaconda, the Columbia River Basin and Lava Flows, Mt. Ranier, Crater Lake, Yosemite, Los Angeles Oil Fields, the Grand Canyon Flagstaff Volcanic Fields, the Petrified Forest, the Appalachian Coal Fields, the Appalachian Province and the Coastal Plain Province.

ENDOWMENT FOR THE HENRY PHIPPS INSTITUTE

ON February 20 announcement was made of the offer to the University of Pennsylvania on the part of Mr. and Mrs. Henry Phipps, of New York, to assist in the creation of an endowment for the Henry Phipps Institute for the study, treatment and prevention of tuberculosis. The board of trustees has formally accepted this offer. Mr. and Mrs. Phipps propose to give toward the endowment the sum of \$500,000, on condition that the University of Pennsylvania raises an equal amount before January 1, 1927; on the fulfilment of this condition, there will also be deeded to the university all buildings and equipment belonging to the institute. Further provision has been made by the university authorities for the gradual accumulation of the funds allotted to the institute in its plan for raising the sum of \$45,000,000, over a term of fifteen years. When this campaign is successfully completed, the Phipps Institute will have a total endowment of \$2,300,000.

The Henry Phipps Institute was founded in 1903 by Mr. Henry Phipps, with Dr. Lawrence F. Flick, of Philadelphia, as medical director. In 1910, in order to provide continuity and permanence in development, the institute was placed under the care of the University of Pennsylvania under the general direction of a committee of the board of trustees. The funds to maintain the work were supplied by Mr. Phipps until 1919, and since that time have been provided partly by Mr. Phipps, and also by the University of Pennsylvania, the Carnegie Corporation and the Welfare Federation of Philadelphia. There has never been an endowment for the institute.

An important feature of the plan for the endowment is the provision that when the need for further study of tuberculosis is no longer pressing, either through the discovery of a cure or the effective control of the disease through other measures, the income of this endowment may be used for the study of other diseases.

The directors of the institute at present are Dr. Charles J. Hatfield, Dr. Eugene L. Opie and Dr. H. R. M. Landis.

REGIONAL MEETING OF THE AMERICAN CHEMICAL SOCIETY AT MADISON

A MEETING of mid-western sections of the American Chemical Society will be held at Madison, Wisconsin, from May 28 to 29, at which time the local section will be hosts to all those contributing to the publication of the *Chemical Bulletin*. Besides the member sections, which consist of the Milwaukee, Minnesota, Iowa, Ames, Louisville, Nebraska, Illinois, Purdue, Arkansas and St. Joseph Valley groups, there have been invited the Indianapolis, Iowa-Illinois, St. Louis and Omaha sections. While the meeting is essentially regional in that contacts will be made with chemists of some seven states, yet it will also assume something of a national scope in that the section of paint and varnish chemistry and the division of cellulose chemistry will each hold a meeting in Madison at that time also.

Arrangements for the meeting are in charge of the following members of the Wisconsin section, acting as chairmen of their respective committees: Farrington Daniels, executive; J. H. Mathews, program; Victor Lenher, finance; H. A. Schuette, publicity; A. W. Schorger, general entertainment; Miss Abby L. Marlatt, ladies' entertainment; H. N. Calderwood, Jr., registration; F. C. Krauskopf, excursions, and L. L. Withrow, guides.

Entertainment has been liberally provided for. It will take the form of a banquet with special features, group luncheons, auto rides to points of historical and local interest, personally conducted launch rides