

to man and his background, or perhaps I should say, man is part of it. The zoo therefore becomes a vivid expression of nature. We have a vision for the zoo of the future. It will be not only a place in which to be refreshed, to find recreation, but also a place in which to learn of the principles which govern all life. I am not glorifying animals—I am merely saying we would do well to know more of their scheme of things; we in turn, will get a better understanding of our own scheme of things.

This is a new day in zoological park planning. The distribution, on the various continents of this earth, of different types of animals—their evolution, their interdependence and social relationships—provide a miracle-story. It is up to us to tell it. In carrying out these new developments we shall be bringing the animals, to the greatest degree possible, out from behind their bars and return them to their natural surroundings.

A private citizen has made possible, for the public benefit, this first major step toward the zoo of the future. He does not want any gratitude but he can not escape it. It will come to him, whether or not he desires it, from the millions of persons who from this day on will enter here to enjoy and to learn.

THE CHICAGO MEETING OF THE AMERICAN SOCIETY FOR TESTING MATERIALS

THE forty-fourth annual meeting of the American Society for Testing Materials will be held at the Palmer House, Chicago, from June 23 to June 27.

Separate sessions will be devoted to such topics as iron, ferro-alloys; water, which includes a Symposium on Problems and Practice in Determining Steam Purity by Conductivity Methods; non-ferrous metals (two sessions); cementitious and building materials; steel, effect of temperature; fatigue of metals, corrosion; plastics, and concrete and concrete aggregates. There will be a joint session with the Western Society of Engineers dealing with three topics of specific local interest, namely, water supply, sewage disposal and sanitary conditions. This may involve some discussion of materials and problems in connection with the Chicago subway. In addition there will be a large number of papers and reports including a paper on tests of glued laminated wood beams impregnated with creosote, and the effect of rate of loading on tensile strength of cord and yarn. Other papers will cover a laboratory test for the ignitibility of coal, a study of the grindability of coal and the fineness of pulverized coal, and studies on the measurement of water vapor in gases. There will be a discussion of the performance specifications for greases and two papers cover the influence of recovery temperature on the ductility of recovered asphalt and the fundamental significance of the Oliensis spot test.

Throughout the week of the meeting some two hundred technical committees of the society are expected

to meet. On Monday the whole day will be devoted to these meetings. The address of the president, Dr. William M. Barr, chief chemical and metallurgical engineer of the Union Pacific Railroad Company, will be given on Tuesday morning at the first formal session. He will speak on "Speed, Specifications, and Safety"; J. H. Van Deventer, editor of *The Iron Age*, will make an address entitled "Mobilizing Materials for Defense."

The sixth exhibit of Testing Apparatus and Related Equipment in which a number of leading companies in the instrument and related fields will take part, will be in progress throughout the five days of the meeting. In addition several committees will sponsor exhibits, including exhibits of paint, varnish, lacquer and related products; lime; radiographic testing and welding research. A number of industrial, university and government research laboratories will also participate. They will show equipment and apparatus that has been developed for special work. This exhibition is held every two years. This year it will include the fourth photographic exhibit on "Materials, Testing and Research."

Local arrangements for the meeting are in charge of a Chicago committee, headed by E. R. Young, metallurgical engineer, of the Climax Molybdenum Company. Serving with him are some fifty leading technical executives in the district.

THE ONE HUNDRED AND TWENTIETH ANNIVERSARY OF THE PHILADELPHIA COLLEGE OF PHARMACY AND SCIENCE

THE Philadelphia College of Pharmacy and Science will celebrate the completion of its one hundred and twentieth anniversary on June 3. An extensive program has been arranged at the College Hall, the scene of activities commemorating the establishing of the college, which was the first of its kind in the Americas. The celebration, to be held in conjunction with the annual Alumni Homecoming Day, will be marked by the first official address of the recently elected president of the college, Dr. Ivor Griffith. It will be entitled "What the Future Has in Store for the Philadelphia College of Pharmacy and Science."

The formal program begins at noon with a luncheon, to be given in honor of the Class of 1891, alumni who have successfully completed fifty years of professional and scientific service. These men become members of a group of honored graduates, the "Semi-Centennialists." They will receive certificates making special recognition of their service.

Following this will be the annual meeting of the Alumni Association at which the address of the retiring president, Charles T. Pickett, for thirteen years