

serve in Montana, and the establishment of the Montana and Wichita National Bison Ranges.

Dr. Hornaday's foresight in realizing that wild-life protection work should be placed upon a permanent basis moved him to establish the Permanent Wild Life Protection Fund and with this end in view he raised, by his personal solicitation, an endowment fund, which to-day stands at a figure in excess of \$100,000.

His fearlessness and the vigor of his attack frequently made him enemies. The writer of this inadequate appreciation vividly recalls the biting comments of a native Wyoming hunter, who—one night around a campfire—objected with strong expletives to "that man Hornaday in New York, who thinks he can tell us Wyoming people what we ought to do with our

game." But Dr. Hornaday's courage and sincerity were potent factors in arousing public opinion. His written words had often the sting of a rapier thrust. He was an unrelenting adversary and it is due to him as much as to any other man in this country that we now have what remains of our heritage of wild life.

All through the years he was a prolific writer, and there is given in a footnote¹ a partial list of the books that flowed from his pen.

To all those who knew him well he was a splendid and loyal friend, and behind the hundreds of admirers who attended his final services, stand the mute inhabitants of our forests and uplands, who found in him a stout-hearted and able defender.

FAIRFIELD OSBORN

SCIENTIFIC EVENTS

THE DENVER MEETING OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

REMARKABLY low railway excursion rates will be in effect at the time of the Denver meeting of the American Association for the Advancement of Science, from June 21 to 26. For example, a 21-day round-trip ticket from Chicago to Denver will cost only \$34.20, with \$14.52 additional for a lower Pullman berth. The corresponding fares from Washington, D. C., will be \$78.65 and \$25.52, respectively. Even from Boston railway fare and Pullman to Denver and return will be only \$93.35 and \$28.00.

Time schedules have been shortened as much as fares have been reduced. One may now leave Chicago in the early evening on the Burlington Zephyr or the Union Pacific City of Denver and arrive in Denver at about nine o'clock the next morning. The return journey is correspondingly convenient. If the point of departure is New York or Washington, one may leave in the late afternoon or in the evening, arrive in Chicago the next day, and be in Denver the following morning. Therefore, only one day is spent in traveling half way across the continent. And at about the same cost as by railway one may go by plane from Washington or New York to Denver between morning and evening.

By motor the journey requires a much longer time but is cheaper and in certain respects more interesting. The principal highways are excellent, particularly west of the Mississippi River. Service stations, garages, hotels and good tourist camps are found at frequent intervals. Splendidly graded and paved roads lead out of Denver into the heart of the Rocky Mountains. In Rocky Mountain National Park a new paved road ascends by easy grades to the top of the continental divide, along which it extends for several miles. At

its maximum altitude it rises to 12,300 feet, and for miles it furnishes a superb view of rugged mountain scenery. Those who do not drive their own cars may also enjoy motoring in the mountains, for buses regularly carry passengers over all the principal scenic routes.

Since the Pacific Division and the Southwestern Division both join in the Denver meeting, the first time the association and its two divisions have met together, eastern scientists will have an exceptional opportunity of meeting and conferring with scientists from the western part of the country, disproving, at least in the case of scientists, the words of Kipling:

Oh, East is East, and West is West,
And never the twain shall meet.

F. R. MOULTON,
Permanent Secretary

THE AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS

THE thirty-first annual meeting of the American Society of Agricultural Engineers will be opened at the University of Illinois for registration on Sunday afternoon, June 30. The program of the college division is scheduled for the first day of the meeting, June 21. General sessions will be limited to two one and a half hour periods on Tuesday and Wednesday, June 22 and 23. The technical sessions will occupy the remainder of those two mornings and Thursday morning, June 24.

¹ Thirty Years War for Wild Life; Two Years in the Jungle; Our Vanishing Wild Life; Wild Life Conservation in Theory and Practice; Taxidermy and Zoological Collecting; Camp Fires on Desert and Lava; Camp Fires in the Canadian Rockies; The Minds and Manners of Wild Animals; A Wild Animal Round-up; Wild Animal Interviews; Old-Fashioned Verses; The Man who Became a Savage.

The afternoons have been left open for individual contacts, inspection trips and special group meetings. The annual dinner is to be held on Wednesday evening and is to be followed by a dance. Other entertainment features planned include an illustrated lecture on Sunday evening, a picnic on Monday evening, an exhibit of plows on Tuesday afternoon and illustrated talks on Tuesday evening. Special entertainment is being planned for women and children during other hours.

Group discussions in the College Division session will be held on education, extension and research. Curricula, subject-matter, service courses, summer camps or courses, administration, graduate work, relations with the Society for the Promotion of Engineering Education and agricultural engineering work will be discussed in the opening program devoted to education. Agricultural engineering extension is to be covered from the angles of relation to other extension work, extension methods, educating employees of agricultural engineers, the vocational program, the 4-H Club program, publications and the U. S. Department of Agriculture Bureau of Agricultural Engineering. Research consideration will be concentrated on project presentation, graduate research and experiment stations. The committee on extension and the student group have scheduled special sessions to run concurrently during a part of the main meeting.

At the opening meeting on Tuesday there will be an address of welcome, the president's annual address and one outside speaker. Another outside speaker and the recipient of the McCormick Medal award will address the general session on Wednesday morning.

The Farm Structures Division will discuss farm housing, the agricultural engineer's responsibility in the promotion of better farm buildings, and papers on individual structural problems and developments. The Power and Machinery Division will give special attention to "The Farm Tractor Fuel Problem," "Quick Attachable and Detachable Power Farming Equipment" and "Natural and Artificial Curing of Forage Crops." The Rural Electric Division will offer sessions on extending electric service in rural areas, assisting the farm customer and electric service for the farm family. In the Soil and Water Conservation Division a wide variety of papers on irrigation, drainage, erosion control and land use problems will be presented.

THE AMERICAN DOCUMENTATION INSTITUTE

THE American Documentation Institute has been incorporated on behalf of leading national scholarly, scientific and informational societies to develop and operate facilities that are expected to promote research and knowledge in various intellectual fields.

A first objective of the new organization will be to develop and apply the new technique of micropho-

tography to library, scholarly, scientific and other material. It will be able to conduct publication by various methods as required by cooperating organizations.

Organized as a Delaware corporation "not for profit" but for educational, literary and scientific purposes, the new organization resulted from a meeting attended by delegates from national councils, societies and other organizations in Washington on March 13. The board of trustees elected consists of: Dr. Robert C. Binkley, Western Reserve University; Dr. Solon J. Buck, director of publications, National Archives; Watson Davis, director, Science Service; Dr. James Thayer Gerould, librarian, Princeton University Library; Dr. Ludvig Hektoen, chairman, National Research Council.

Such a national organization was foreseen as an outcome of Science Service's documentation activities when they were begun in July, 1935, with grants from the Chemical Foundation and conducted with the cooperation of the U. S. Naval Medical School, the Library of the U. S. Department of Agriculture, the Bureau of the Census, the Works Progress Administration, the Library of Congress and other agencies.

The Bibliofilm Service has been conducted by Science Service in cooperation with the Library of the U. S. Department of Agriculture as a service to research workers, and auxiliary publication through microfilm has been conducted by cooperation with leading scholarly and scientific journals. The documentation activities of Science Service now will be transferred to the new American Documentation Institute.

GRANTS IN AID OF RESEARCH OF THE AMERICAN ACADEMY OF ARTS AND SCIENCES

At the April meeting of the American Academy of Arts and Sciences announcement was made of grants in aid of research from the Permanent Science Fund, as follows:

Professor Thomas Harper Goodspeed, University of California, Berkeley, \$500 for technical assistance in the cytological, genetic and morphological examination of certain species of *Nicotiana* as an aid toward the completion of a monograph on that subject.

Professor Rachel Hoffstadt, University of Washington, Seattle, \$250 for the purchase of animals and materials needed in a study of the viruses connected with Myxomatosis of rabbits and *Herpes simplex*.

Professor Norton A. Kent, Boston University, \$250 to complete the installation of a 30-foot Littrow spectrograph.

Professor Gustav J. Martin, College of St. Teresa, Winona, Minn., \$400 for technical assistance and materials needed in an investigation of the chemistry of sili-