

for this meeting and its associates, the officers and committees of the American Association and its associated societies; the Minneapolis Civic and Commerce Association; the press of Minneapolis and the various national press associations; and the general public of the City of Minneapolis.

President Coffman and Mrs. Coffman welcomed the men and women of science and their guests at a reception Tuesday evening in the splendid Northrop Auditorium. The evening general sessions, held in the Northrop Auditorium, were well attended, as were the many scientific and business sessions held in lecture rooms and laboratories at the university and at the Mayo Clinic in Rochester. The Association is highly appreciative of the fine facilities of the University and of the Mayo Clinic, which were made available for this meeting. The symposium on Conservation, which was jointly sponsored by the University of Minnesota and the Association, was an outstanding feature of the week's program; without the aid of the University that symposium could not have been arranged. The chairman of the local committee, Dr. D. E. Minnich, and his associates were tireless in caring for the many details of the preparations for this Minneapolis meeting. Arrangements for the fine cooperation of the Minnesota State Medical Association, which met with the A. A. A. S. on this occasion, were due to Dr. E. A. Meyerding and his associates. To the Minneapolis Civic and Commerce Association and the secretary of its convention department, Mr. W. C. Walsh, the American Association and its associated societies are greatly indebted for valuable support and aid in making the meeting a success. Members of the local Press and local radio organizations were exceptionally effective in bringing the programs to the attention of the public and in arousing a pronounced general interest. Several national press associations cooperated cordially by sending out many accounts of scientific contributions that were presented at the many sessions. The local committee and officers of sections of the American Association for the Advancement of Science and of associated societies arranged many enjoyable and profitable field trips into the neighboring region, trips that constituted an important part of this summer meeting.

CAMP CONFERENCE FOR BOYS BY THE STEVENS INSTITUTE OF TECHNOLOGY

THE fifth annual Camp Conference of the Stevens Institute of Technology for the vocational and collegiate guidance of boys of high-school age will be held at the Stevens Engineering Camp, Johnsonburg, New Jersey, from August 18 to August 31, inclusive.

Educators and engineers, including members of the faculties of six schools and colleges, will comprise the staff. The conference is planned to help the boys to decide, first, if they should go to college; second, in what type of college each is most likely to succeed, and third, for what kind of life work or profession he is best fitted.

The program includes a series of nineteen lectures

on engineering and the relation of the Engineering College to the Liberal Arts College; comprehensive psychological and aptitude tests given under the direction of Dr. Walter Van Dyke Bingham, director of the Personnel Research Federation and professor of psychology at Stevens, and Professor Johnson O'Connor, of Stevens. From three to four hours each day are devoted to field work in surveying in charge of Professor David L. Snader, professor of civil engineering at Stevens Institute.

Dr. Harvey N. Davis, president of Stevens Institute of Technology, has announced the schedule of visiting lecturers for the camp conference. Among those who will address the conference are: Joseph W. Barker, dean of the School of Engineering, Columbia University; Dexter S. Kimball, dean of the College of Engineering, Cornell University; Bruce M. Bigelow, director of admissions, Brown University; Charles H. Breed, head master of Blair Academy. A general survey of the work of engineering will be made in addresses by: John Johnson, director of research, United States Steel Corporation; Robert Ridgway, consulting engineer to the Port Authority on the Midtown Vehicular Tunnel; William H. Taylor, president of the Philadelphia Electric Company; R. F. Gagg, assistant chief engineer, Wright Aeronautical Corporation; A. R. Stevenson, assistant to the vice-president, General Electric Company; Roy V. Wright, past-president of the American Society of Mechanical Engineers, and others. The enrolment of the past four years, Dr. Davis said, has been 159 students, representing 52 private schools and 65 high schools.

PROMOTIONS AT THE UNIVERSITY OF CALIFORNIA

FORTY members of the faculty of the University of California at Berkeley and at Los Angeles will resume active duty in the autumn with higher academic rank or additional titles. Eight men have been raised to the rank of professor.

At Berkeley among the sciences the following promotions have been made: C. D. Shane from associate professor of astronomy to professor of astrophysics; J. B. deC. Saunders, assistant to associate professor of anatomy; T. D. Stewart, associate to full professor of chemistry; Barbara N. Armstrong, associate to full professor of law; J. B. Leighly, assistant to associate professor of geography; H. M. Jeffers, assistant to associate astronomer at Lick Observatory; H. L. Mason, instructor to assistant professor of botany; C. B. Morrey, Jr., instructor to assistant professor of mathematics.

At Los Angeles the following promotions were made: J. Kaplan, assistant to associate professor of physics; C. M. Zierer, assistant to associate professor

of geography; A. H. Warner, instructor to assistant professor of physics.

In the College of Agriculture the following promotions were made: P. L. Hibbard, associate chemist to chemist; H. R. Guilbert, assistant to associate animal husbandman; A. J. Winkler, associate viticulturist to viticulturist; P. M. Barr, assistant to associate professor of forestry; W. M. Hoskins, assistant professor and assistant entomologist to associate professor and associate entomologist; T. E. Rawlins, assistant professor and assistant plant pathologist to associate professor and associate plant pathologist; F. N. Briggs, assistant to associate agronomist; S. H. Cameron, assistant to associate plant physiologist; E. C. Voorhies, associate to full professor of agricultural economics; F. J. Veihmeyer, associate to full professor of irrigation investigations and practice; M. Kleiber, associate animal husbandman, additional title of associate professor of animal husbandry; H. J. Almquist, instructor and junior poultry husbandman to assistant professor and assistant poultry husbandman; D. E. Bliss, junior to assistant plant pathologist.

NOTES FROM THE CONNECTICUT AGRICULTURAL EXPERIMENT STATION

WILLIAM L. SLATE, director of the Agricultural Experiment Station at New Haven, Conn., has been appointed chairman of the State Planning Board by Governor Wilbur L. Cross. The Planning Board was given legal status by the recent General Assembly. For the past year it had functioned in an advisory capacity, as the Governor's Planning Board, carrying on research under the chairmanship of Director Slate.

Dr. Donald F. Jones, head of the department of genetics at the Agricultural Experiment Station at New Haven, has been granted leave of absence beginning on September 1. He will carry on special

research at the California Institute of Technology, Pasadena. Dr. Jones is president of the American Genetics Society.

Director William L. Slate and Dr. M. F. Morgan, of the Agricultural Experiment Station at New Haven, will attend the International Congress of Soil Science, meeting at Oxford, England, from July 30 to August 7. Dr. Morgan will read two papers based on the experimental work he has carried on at the station. The first, on the simultaneous estimation of active chemical factors in plant nutrition through tests of sodium acetate-acetic acid soil extract, is the background for Dr. Morgan's simplified method of soil testing, described in Station Bulletin 372, now on the press. In the second, Dr. Morgan will talk about changes in exchangeable bases in soils as related to fertilizer application, leaching and crop removal. This paper is based on the results of lysimeter investigations made at the substation at Windsor in which he has studied the effects of nitrogen-carrying fertilizers on different types of soil.

Besides attending the conference, Director Slate and Dr. Morgan will hold conferences with Dr. L. Dudley Stamp, director of the Land Use Survey of Great Britain. The Connecticut Stations at New Haven and at Storrs have been engaged in a somewhat similar project for several years. Because of Connecticut's vital interest in the Dutch elm disease, the director also plans to spend some time investigating control in European countries where the disease is wide-spread.

Dr. George P. Clinton, head of the department of botany at the New Haven Experiment Station, will attend the sixth International Botanical Congress to be held at Amsterdam, the Netherlands, early in September. During his European trip, Dr. Clinton will make special inquiries about the Dutch elm disease in England, Holland and in other European countries.

SCIENTIFIC NOTES AND NEWS

DR. MARSHALL A. HOWE, assistant director of the New York Botanical Garden for the past twelve years, a member of the scientific staff for thirty-four years, has been appointed director. He succeeds Dr. Elmer D. Merrill, who has resigned to assume the newly created post of director of the eight botanical units of Harvard University.

DR. HENRY B. WARD returned to the University of Nebraska for a homecoming celebration of the department of zoology which he founded in 1893 upon the invitation of the then Chancellor James H. Canfield. He was given a departmental breakfast by Professor D. D. Whitney, present head of the department, and an evening reception by Dean Lyman, one of his

former students. At the commencement on June 10 the degree of doctor of laws was conferred on him.

At the closing session on July 17 of the International Astronomical Union, Dr. Ernest Esclançon, director of the Paris and Meudon Observatories and professor of astronomy at the University of Paris, was elected president for the next three years, succeeding Dr. Frank Schlesinger, director of the Yale Observatory. Dr. W. S. Adams, of the Mount Wilson Observatory; Harold Spencer Jones, Astronomer Royal of Great Britain, and Dr. Hilding Bergstrand, of Sweden, were elected vice-presidents. The union accepted the invitation of the Swedish government to meet in Stockholm in 1938.