

November 15. The pictures will be chosen by a jury of selection composed of Dr. Fay-Cooper Cole, chairman of the department of anthropology of the University of Chicago; Valentino Sarra, professional photographer of New York and Chicago; C. R. Brockhausen, past president of the Chicago Camera Club; J. P. Wahlman, president of the Fort Dearborn Camera Club; Samuel Insull, Jr., museum trustee; and Dr. B. E. Dahlgren, chief curator of botany. Ribbons will be awarded to photographs considered as possessing special merit.

Beginning on September 16, and continuing as long as a limited supply lasts, the first few thousand adult visitors coming to the museum for the fiftieth anniversary will receive copies of "Fifty Years of Progress," a special illustrated 40-page issue of *Field Museum News*, the monthly periodical published for

members of the museum. This issue is devoted entirely to a summary of the history of the museum to date and to a forecast of its future. Contributors include Stanley Field, president of the museum since 1909; Orr Goodson, acting director; Dr. Paul S. Martin, chief curator of anthropology; Dr. B. E. Dahlgren, chief curator of botany; Henry W. Nichols, chief curator of geology; Karl P. Schmidt, chief curator of zoology; John R. Millar, curator of the N. W. Harris Public School Extension; Miriam Wood, chief of the James Nelson and Anna Louise Raymond Foundation lecture staff; Mrs. Emily M. Wilcoxson, librarian; Henry F. Ditzel, registrar; Dr. Wilfred H. Osgood, curator emeritus of zoology, and Dr. Wilfrid D. Hambly, curator of African ethnology. The book was produced under the managing editorship of H. B. Harte, public relations counsel.

SCIENTIFIC NOTES AND NEWS

DR. WALTER B. CANNON, professor emeritus of physiology at the Harvard Medical School, president of the recently formed American-Soviet Medical Society, organized to stimulate the exchange of medical information between the United States and the Soviet Union, was formally inducted at a reception given in his honor by the Soviet Embassy on August 12 as a member of the Academy of Sciences of the Union of Soviet Socialist Republics.

THE Chicago Section of the American Institute of Chemists on October 1 will give a testimonial dinner at the Morrison Hotel in Chicago, in honor of Dr. F. C. Koch, formerly chairman of the department of biochemistry of the University of Chicago, at present head of the Biochemical Division of the Research Laboratories of Armour and Company. Addresses will be made by Dr. Edward A. Doisy, of the School of Medicine of St. Louis University; Victor Conquest, director of research of Armour and Company; Dr. George K. K. Link, of the University of Chicago, and Dr. Koch.

THE twenty-fifth anniversary of the appointment of Dr. Gebhard Stegeman as professor of physical chemistry at the University of Pittsburgh was celebrated at a dinner in the Hotel Schenley on September 7, in connection with the convention in Pittsburgh of the American Chemical Society.

DR. ROBERT P. FISCHER, of Trenton, N. J., head of the chemicals, drugs and health supplies branch of the War Production Board, and a former dean of the New Jersey College of Pharmacy, has been awarded the Remington Honor Medal, conferred annually by the New York Branch of the American Pharmaceutical Association on "the man or woman who has done

most for American pharmacy during the preceding year or during a longer period of outstanding activity and fruitful achievement."

THE Baly Medal of the Royal College of Physicians, London, has been awarded to Dr. F. C. Bartlett, professor of experimental psychology at the University of Cambridge, for his work in the science of physiology and in particular for his contributions to experimental psychology; the Gilbert Blane Medal to Surgeon-Commander D. P. Gurd, and the Murchison scholarship to Dr. Bruce Cruickshank.

DR. FLORENCE RENA SABIN, formerly of the Rockefeller Institute for Medical Research, has been made an honorary national commander of the Women's Field Army of the American Society for the Control of Cancer.

PROFESSOR TREVOR KINCAID is retiring as chairman of the department of zoology and physiology of the University of Washington, Seattle, having held the position since 1901. Dr. Arthur Svihla has been selected as his successor.

DR. DAVID L. SOLTAU, formerly coordinator of the engineering, science and management war-training program at the University of Southern California, has been appointed professor of physics and head of the department at the University of Redlands. He took up his work on June 15.

DR. JOHN N. COOPER, of the department of physics of the University of Southern California, has been appointed assistant professor of physics at the University of Oklahoma.

DR. P. L. KNUDTZEN has been appointed acting dean of the College of Dentistry of Baylor University

at Dallas, to succeed the late Frederick W. Hinds, who died on June 4. Despite the removal of the College of Medicine of Baylor University to Houston, it is expected that the College of Dentistry will continue to be conducted at Dallas.

DR. SCHUICHI KUSAKI, who for the last six years has worked successively at the Massachusetts Institute of Technology, the University of California and the Institute for Advanced Study at Princeton, has received a temporary appointment as instructor in physics at Smith College.

DR. CHARLES A. DOAN, professor of medicine and director of medical research at the College of Medicine of the Ohio State University, has been elected president of the Ohio Public Health Association.

DR. IVAN G. HOWE, Allegany County welfare commissioner, has been appointed director of the Bureau of Animal Industry of the New York State Department of Agriculture. He succeeds Dr. Ernest T. Faulder, who has retired.

DR. J. ALLEN SCOTT, associate director of the Division of Malaria and Hookworm Service of the Georgia Department of Public Health, has become senior statistician of the Division of Vital Statistics of the U. S. Bureau of the Census, Washington, D. C.

DR. DOUGLAS PARRY, clinical psychologist at Syracuse University, has been appointed clinical psychologist in the Bureau of Child Guidance at the Southern Illinois Normal University at Carbondale.

DR. JOHN S. KARLING, associate professor of botany at Columbia University, has leave of absence to enable him to undertake work with the Rubber Development Corporation at Miami, Fla.

DR. JULIUS BERGER, for the past three years research associate at Connecticut College on a Rockefeller grant to Professor George S. Avery, Jr., has joined the biochemical staff of the Hoffmann-La Roche Chemical Company.

DR. GUY M. EVERETT, of the department of physiology of the Medical School of the University of Maryland, has become associated with the department of pharmacology of Abbott Laboratories, North Chicago.

BAKELITE CORPORATION, a unit of Union Carbide and Carbon Corporation, has announced the appointment of Dr. Raymond Charles Bacon to the research and development laboratories in Bloomfield, New Jersey.

THOMAS S. NICHOLS, consultant of the Chemical Division of the War Production Board, is in London on special assignment with the Harriman mission, handling problems connected with the Lend-Lease program.

LINDON J. MURPHY, associate professor in the Engineering Extension Service at Iowa State College, has been given leave of absence to accept a commission as major with the U. S. Public Health Service. He will work with the sanitary engineers of the service.

DR. C. E. RONNEBERG, chairman of the division of physical sciences of Herzl City College, Chicago, has been granted leave of absence for the duration of the war. He is serving in the grade of major on the faculty of the Chemical Warfare School, Edgewood Arsenal, Md.

PROFESSOR HENRI LAUGIER, professor of general physiology at the Sorbonne, director of science at the University of Montreal, has been appointed by the French Committee of National Liberation chancellor of the Academy of Algiers, and has received jurisdiction over all French education in North Africa. From 1937 to 1940 Dr. Laugier was in charge of the Central National Scientific Institute of Research at the Ministry of the Naval Education in Paris. He was also chief of cabinet to the Minister of Education.

DR. CECIL HENRY DESCH, from 1932 to 1939 superintendent of metallurgy of the British National Physical Laboratory, previously from 1920 to 1931 professor of metallurgy at the University of Sheffield, has become director of the British firm of Richard Thomas and Company. He will advise the company on matters of scientific research.

SIR HENRY TIZARD, president of Magdalen College, Oxford, until recently chairman of the British Aeronautical Research Committee, has resigned from the Air Council and the Aircraft Supply Council of the Ministry of Aircraft Production. He will leave England on a special mission for two or three months.

DR. LIBERTY HYDE BAILEY, of Cornell University; Dr. U. P. Hedrick, formerly director of the New York State Experiment Station at Geneva; Dr. M. B. Davis, Dominion horticulturist of Ottawa; W. S. Blair, of the Nova Scotia Experiment Station at Kentville, and other leaders in the field of horticulture will take part in the twenty-fifth annual meeting of the New York State Fruit Testing Cooperative Association to be held at the Experiment Station at Geneva on September 16. The history of the association will be reviewed by Dr. Hedrick and L. F. Strickland, of Lockport, N. Y., two of its first directors; W. C. Stone, of Springfield, Vt., first secretary-treasurer of the association, and Professor R. D. Anthony, of the Pennsylvania State College, formerly horticulturist at Geneva. Dr. Bailey, Dr. Davis and Mr. Blair will discuss the importance of new varieties to the fruit-growing industry, and the desirable and undesirable characteristics of recent introductions, many of which will be on display. Dr. W. S. White-

house, in charge of plant introduction for the U. S. Department of Agriculture, and Dr. W. W. Aldrich, also of the Federal Department, will outline the government's fruit-breeding program with particular reference to new introductions that offer possibilities in fruit-breeding work.

It is reported in the *Journal* of the American Dental Association that C. Willard Camalier, chairman of the War Service Committee, has announced that the War Manpower Commission has approved of a new committee on dental education to act as adviser to the directing board of the Procurement and Assignment Service. The appointment of two additional members to represent dental examiners to the Committee on Dentistry of the Procurement and Assignment Service for Physicians, Dentists and Veterinarians was also announced. The committee will concern itself with developments arising out of the Army and Navy Specialized Training Program, as well as with the training of students for civilian practice. Members of the committee are J. Ben Robinson, dean, Baltimore College of Dental Surgery, University of Maryland; Dr. Harlan H. Horner, executive secretary, Council of Dental Education of the American Dental Association; Carl O. Flagstad, secretary, American Association of Dental Schools; Wendell D.

Postle, dean, College of Dentistry, the Ohio State University; Bert L. Hooper, dean, College of Dentistry, University of Nebraska.

It is stated in *Nature* that the British Ministry of Food has, by arrangement with the Department of Scientific and Industrial Research and the flour milling industry, taken over for the period of the war the extensive laboratories at St. Albans which were previously occupied by the Research Association of British Flour Millers. The Ministry will have the advantage of the use of these laboratories and the existing staff for the consideration of all food research problems, but they will continue to be used in the main for specialized work connected with cereals and cereal products. The laboratories will, in future, be known as the Cereals Research Station of the Ministry of Food. Dr. P. Moran, who was previously director of research to the Research Association of British Flour Millers, has been acting as deputy scientific adviser to the Ministry since June, 1940. In March last he was appointed, in addition, director of research in the Ministry of Food. In this latter capacity he will direct the work at St. Albans. From June 1, the date on which the transfer took place, the entire control and direction of the laboratories passed to the Ministry of Food.

DISCUSSION

SCIENTIFIC RESEARCH BY THE DEPARTMENT OF AGRICULTURE

UNDER date of July 26 I called the attention of Dr. Karl T. Compton to the fact that the material in his Pilgrim Trust Lecture, "Organization of American Scientists for the War," appearing on page 73 of *SCIENCE*, for July 23, 1943, contained certain errors relative to work carried on by the Department of Agriculture. He very kindly replied, in a letter of July 31, 1943, in which he expressed regret that, despite his efforts to clear and attain full accuracy, misstatements were made. He also wrote:

I wonder if you would feel like submitting to the editor of *SCIENCE* a brief comment on the subject, in which you would call attention to such errors of statement or implication as may have concerned the Department of Agriculture in my lecture. I should welcome it if you should wish to do so, and it would certainly be worth while to get the record straight promptly.

In the part of his lecture to which I made reference Dr. Compton stated that the scientific research carried on by the Department of Agriculture was quite largely spread through a great number of agricultural experiment stations distributed in the various states, with which it operated cooperatively. He also said: "Most of the bureaus in Washington are primarily

of an administrative character, but there are several which also conduct centralized research, as, for example, the Bureau of Chemistry and Soils and the Food and Drug Administration."

The facts are that the department's initial work was in the field of scientific research, the introduction of valuable plant species, entomology, botany, chemistry, meteorology, and so on. Its first bureau, the Bureau of Animal Industry, was created by act of Congress of May 29, 1884, and has carried on and still performs very distinguished research in the field of animal diseases, of the breeding, feeding and management of domestic animals and related subjects.

On March 2, 1887, an act was passed which authorized the establishment, under the direction of the land-grant colleges, of stations in each state to conduct agricultural experimentation. The Office of Experiment Stations was established in the Department of Agriculture, in 1888, to act as a staff agency to administer Federal grants involved in this and subsequent supplementary legislation. This work includes the evaluation and approval of research projects, proposals for new projects, project revisions, annual research programs and budget allotments of the state experiment stations, as well as the coordination of their researches with similar or related investigations