

Dr. Knight therefore becomes the head of an organization which has in charge of its subdivisions men of the highest standing who are recognized leaders in their special scientific fields. With highly trained specialists throughout the new bureau it promises to be a very effective agency in promoting the welfare of agriculture.

Dr. Knight was born at Bennington, Kans., July 21, 1878. He received the degree of bachelor of arts from the University of Washington in 1902, and the degree of master of arts from the same institution in 1904. He was a fellow at the University of Chicago in 1903, and received the degree of doctor of philosophy from the University of Illinois in 1907. He was assistant chemist in the University of Washington in 1903-04, professor of chemistry and state chemist of Washington 1904-1910, and director of the Washington Agricultural Experiment Station 1910-18. He served as dean of the college of agriculture and director of the experiment station of the University of Oklahoma 1918-20. He was honorary fellow at Cornell University in 1921-22. In 1922 he was appointed to the positions in West Virginia which he now resigns to accept the appointment in the Department of Agriculture.

Dr. Knight has taken active part in promoting research through the American Association of Agricultural Colleges and Experiment Stations (now the Association of Land Grant Colleges); he was a member of the executive committee of that association for several years. He is a fellow of the American Institute of Chemists, and a member of the American Chemical Society, the American Association for the Advancement of Science, Sigma Xi, Phi Beta Kappa, Alpha Zeta, Phi Kappa Phi and other societies.

### SCIENTIFIC NOTES AND NEWS

THE autumn meeting of the National Academy of Sciences will be held at the University of Illinois at Urbana on October 18, 19 and 20.

CITIZENS' lectures at the Leeds meeting of the British Association were arranged as follows: Sir Oliver Lodge, "Energy"; Dr. MacGregor Skene, "By-Products of Plant Activity." Children's lectures: Mr. Kingdon Ward, "Plant Hunting on the Roof of the World"; Dr. Clarence Tierney, "Nature's Secrets."

FOUR of the delegates to the World Poultry Congress at Ottawa were honored in Quebec on August 9, when, following a luncheon in honor of the delegates, the Honorable J. E. Caron, Minister of Agriculture, presented to them the Mérite Agricole decoration of the Province of Quebec. The four delegates receiving the decoration were: P. A. Francis, of the British Agricultural Department; Professor Don Salvador

Castello, director and founder of the Royal Spanish Poultry School; W. A. Koek, of Copenhagen, head of the Danish delegation to the congress, and R. W. Dunlap, assistant secretary of agriculture of the United States.

AT the close of the summer session of the Iowa State College, where he was formerly a student, Clarence D. Chamberlin, who recently made a successful flight from New York to Germany, received a certificate of distinguished service in aviation engineering.

DR. THEODOR WIEGAND, director of the State Museum in Berlin, has been elected a corresponding member by the Vienna Academy of Sciences.

DR. BÉCLÈRE has been elected vice-president of the Paris Academy of Medicine, in place of Dr. Balzer, who has resigned.

DR. LAURENCE H. SNYDER, associate professor of zoology at North Carolina State College, has been elected a foreign member of the Deutsche Gesellschaft für Blutgruppenforschung.

J. D. RUE, chief of the U. S. Forest Products Laboratory's pulp and paper section, will leave the laboratory about September 15 to become director of research for the Champion Fibre Company, of Canton, N. C.

AFTER spending some time in England and France, President Clarence Cook Little, of the University of Michigan, will go to the Faroe Islands to collect a species of mice to be used in his biological research. He will take part in the World Population Congress at Geneva before returning to the United States.

OWEN D. YOUNG, chairman of the board of directors of the General Electric Company, returned from Europe on August 23. While abroad Mr. Young served as chairman of the American delegation to the Stockholm meeting of the International Chamber of Commerce.

DR. WILLIAM CROCKER, director of the Boyce Thompson Institute, has left for Porto Rico. The agricultural problems in that tropical island have become so important that the establishment of a graduate school of agriculture has been provided for, whose function will be to solve these problems. The National Research Council at Washington, in charge of such projects, is to be represented by Dr. Crocker, who is chairman of the division of biology and agriculture and the natural official to act as adviser. He will study the situation, visiting the various agricultural regions, and will then help in organizing the graduate school so that it will be able to attack the problems effectively. He will probably be absent about three weeks on this mission.

DR. W. F. DRAPER, assistant surgeon-general in charge of the domestic quarantine division of the Bureau of Public Health Service, will sail for Europe on September 6 to study public health methods in Germany for two months. Dr. Draper's trip is a part of the system of international interchange of public health officials inaugurated several years ago for the purpose of keeping health officials in each country acquainted with advances in their field made by the health officials of other nations.

WITH the object of finding for the Field Museum of Natural History a suitable spot for representation in a habitat group illustrating the vegetation and landscape at the snow line of the Rocky Mountains, Dr. B. E. Dahlgren, acting curator of botany at the museum, and an assistant, Emil Sella, have left Chicago for the west. Dr. Dahlgren and Mr. Sella will be joined at Laramie, Wyoming, by Professor Aven Nelson, of the department of botany of the University of Wyoming. The party will proceed first to the Medicine Bow Mountains in Wyoming, and will explore regions at an altitude of between 10,000 and 12,000 feet. Thence they will go to Glacier National Park and elsewhere to continue their work. The proposed group is to show the alpine vegetation above the timber line in the American Rockies. Charles A. Corwin, field museum artist, will paint a background for it, showing the transition from the well-timbered zone below to the barren snow line near the top of the mountains. Actual specimens of the plant life of the region will be displayed.

DR. W. J. YODEN, a member of the staff of Boyce Thompson Institute, has been asked by the Forest Service of the Bureau of Plant Industry at Washington to help in planning an effective attack on the ravages of the white pine blister rust. It is a problem that involves a study of the plants that carry the disease and also of the soils. The disease has been baffling, because it occurs in scattered patches, with varying results. In some patches it is very destructive, and in other patches there is every gradation. The Government Forestry Service has spent much time in investigating it, and has accumulated a mass of data. The plan is that Dr. Youden shall study these data, determine the relative importance of the results, and work out a plan of attack. He will devote about a month to this work, visiting the different white pine regions, and finally reaching California.

DR. MEIR WANNIK, professor of agricultural chemistry in the Mikveh-Israel University of Palestine and head of the agricultural experiment station connected with that school, who came to the United States as a delegate to the International Soil Congress, recently

spent some time at the Davis branch of the College of Agriculture of the University of California, studying the work being done in soil moisture by Dr. F. J. Viehmeyer, of the division of irrigation investigations.

PROFESSOR R. T. LEIPER, F.R.S., director of the division of medical zoology in the London School of Hygiene and Tropical Medicine, known for his researches into bilharziasis in Egypt, has been invited by the Egyptian Government to continue them next winter, and to advise on the best methods of combating the disease.

DR. L. KREHL has been appointed director of the Institute of Natural Therapy, which is conducted under the auspices of the government at the University of Jena. The institute is affiliated with the Kaiser Wilhelm Institute and will include the Heidelberg Institute for Cancer Research and the Heidelberg Institute for Protein Research.

DR. GEORGE ANDREWS HILL, senior astronomer of the Naval Observatory, died in Washington on August 29. He was sixty-nine years old.

HENRY DALLAS THOMPSON, since 1894 professor of mathematics at Princeton University and for forty years a member of the faculty, has died in Santa Barbara, California. Professor Thompson was sixty-three years old.

DR. WILLIAM BURNSIDE, F.R.S., late professor of mathematics at the Royal Naval College, Greenwich, died on August 21, aged seventy-five years.

PROFESSOR OTTONE BARBACCI, of the chair of pathologic anatomy at the University of Siena, has died, at the age of sixty-seven years.

THE triennial congress of the International Institute of Anthropology will be held at Amsterdam from September 19 to 24, under the presidency of Professor J. P. Kleiweg de Zwaan. It will comprise six sections: (1) physical anthropology, (2) ethnography and ethnology, (3) heredity and eugenics, (4) sociology and criminology, (5) prehistory, (6) folklore. The official languages will be French, German, English, Dutch, Spanish and Italian.

THE *Journal* of the American Medical Association states that a group of 150 physicians belonging to the Interstate Postgraduate Assembly of North America arrived recently in Paris by way of Belgium. They were received by eminent members in the medical profession, who arranged for them to visit the principal scientific centers and hospitals. A reception was held at the Elysée by the president of the republic, who accepted an honorary diploma of membership.

THE second national symposium on organic chemistry will be held at Ohio State University, December 29, 30 and 31. Suggestions for the program should be sent to the secretary of the division of organic chemistry of the American Chemical Society, Professor Frank C. Whitmore, Northwestern University, Evanston, Ill.

THE annual meeting of the American Association of Agricultural College Editors met during the last week in August at the Colorado State Agricultural College, Fort Collins.

To commemorate the forty-fifth anniversary of the opening by Thomas A. Edison of the first public electric light and power plant in the world in New York City, John W. Lieb, vice-president and general manager of the New York Edison Company, who was associated with Mr. Edison in that undertaking, on September 4 placed a wreath on a tablet which marks the site of the old plant. The ceremony was witnessed by many of the men who were associated with Edison in pioneer days of the electric industry.

CONSTRUCTION has been begun on a new building at New Orleans, La., for the tropical insect work of the Bureau of Entomology. It will contain office and laboratory quarters, a cold room controlled by a refrigeration plant, greenhouse and insectary units, and a shop for the construction of special apparatus. Storage space is provided for spray machinery and other field equipment, and two acres adjacent to the buildings are allotted for special experimental plots. The laboratory will contain a battery of incubators and other special apparatus for study under controlled conditions, and full equipment will be provided for the statistical analysis of data gathered in field experimentation where conditions are not under control. Thus factors developed by an analysis of the varying conditions in the field can be studied in parallel series under control in the laboratory.

THE North Sea Aquarium of the State Biological Institute on the Island of Helgoland has recently been opened to the public. The aquarium, with some fifty large tanks, shows the complete fauna and flora of the North Sea. The pipes that supply the tanks with sea water are of transparent celluloid, which is not subject to corrosion.

THE Minnesota Legislature at its last session reestablished the \$4,000 appropriation for the Minnesota Crop Improvement Association. This fund is used chiefly in the distribution, inspection and certification of improved seeds developed at the station. The association is organized for the purpose of protecting these improved varieties and maintaining suitable stocks for seed purposes.

PROFESSOR LUIGI MANGIAGALLI has given his large private library to the Istituto Ostetrico-Ginecologico of the University of Milan, which bears his name. The library contains, in addition to 10,000 bound volumes, a large number of unbound treatises and rare complete collections of scientific reviews.

THE Etablissements Dornalo, submarine specialists, will undertake in the course of the present season the taking of submarine views in the Mediterranean, in depths varying from 40 to 50 meters, with the help of a diving apparatus which will carry one man and a powerful motion picture projector. Their purpose is to take views of submarine life in its natural surroundings, by attracting to the lighted area all species usually living in these depths. These views will be used for making educational films. The work will later be extended to the tropical regions.

THE Women's Zionist Organization of America, known as Hadassah, voted recently to expend \$609,000 in medical and health work in Palestine, most of which will be to support the Hadassah Medical Organization in that country. In addition to that budget, the organization voted to raise \$100,000 from revenues for medical service in Palestine. The need for medical work in Palestine is considered urgent. The convention expressed its gratitude in a unanimous resolution to Nathan and Mrs. Straus, of New York, for their gift of \$250,000 for a health center in Jerusalem.

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## UNIVERSITY AND EDUCATIONAL NOTES

Two gifts amounting to \$550,000 have been made to the medical school of the University of Chicago; \$300,000 for the erection and equipment of a building to be known as the Gertrude Dunn Hicks Memorial, which shall be operated as an orthopedic hospital, and \$250,000 from Mr. Louis H. Kuppenheimer to establish an endowment fund to be known as the Louis B. and Emma M. Kuppenheimer Foundation. The income is to be used for teaching and research in the department of ophthalmology.

PROFESSOR W. B. ZUKER, head of the department of chemistry of the University of Dubuque since 1921, has been appointed acting president of that institution beginning on September 1, when the resignation of Reverend K. F. Wettstone, D.D., took effect.

DR. W. L. HOWARD, director of the Davis branch of the college of agriculture of the University of California, has been appointed associate dean of the College of Agriculture to assist in the administration of the college during the temporary and partial absence of Dean E. D. Merrill.