

SCIENTIFIC NOTES AND NEWS

DR. M. L. HARRIS, professor of surgery at the Chicago Polyclinic Hospital, was elected president of the American Medical Association at the Minneapolis meeting to succeed Dr. W. S. Thayer, of Baltimore. It was decided to hold the next meeting at Portland, Oregon.

YALE UNIVERSITY has conferred the honorary degree of doctor of science on Dr. C. U. Ariëns Kappers, director of the Central Institute of Brain Research, Amsterdam, Holland, and on Dr. H. E. Ives, physicist of the Bell Telephone Laboratories. The degree of master of science was conferred on Dr. Evarts Ambrose Graham, professor of surgery at Washington University, St. Louis.

DR. BARTON W. EVERMANN, director of the museum of the California Academy of Science; Professor Aldred Scott Warthin, head of the department of pathology of the University of Michigan, and Dr. John A. Miller, astronomer, and vice-president of Swarthmore College, all graduates of the University of Indiana, were among those receiving honorary degrees at the ninety-ninth annual commencement exercises at the university on June 11.

THE honorary degree of doctor of laws was conferred upon Dr. Henry Fairfield Osborn, president of the American Museum of Natural History, at the annual commencement exercises of Union College, on which occasion Dr. Osborn gave the principal address.

PROFESSOR ALBERT R. MANN, dean of the college of agriculture at Ithaca, and Professor Samuel T. Dana, dean of the College of Forestry at the University of Michigan, received honorary doctorates of science at the fifty-seventh annual commencement exercises of Syracuse University.

THE honorary degree of doctor of science was conferred on Chas. N. Gould, director of the Oklahoma Geological Survey, by the University of Nebraska at the commencement on June 2.

THE president of the French Republic has conferred the cross of officier de la Légion d'Honneur on Dr. George H. F. Nuttall, Quick professor of biology in the University of Cambridge.

AMONG those honored on the occasion of the birthday of the King of England are Professor J. H. Jeans, secretary of the Royal Society, who has been knighted, and Professor J. S. Haldane, honorary professor of mining at the University of Birmingham, who has been appointed to the order of the companions of honor.

AT the anniversary meeting of the Royal Society of South Africa on March 31, Dr. W. A. Jolly, professor

of physiology in the University of Cape Town, was elected president. Dr. A. Ogg, professor of physics in the University of Cape Town and retiring president of the society, was elected honorary general secretary, and Dr. L. Crawford, professor of pure mathematics in the University of Cape Town, honorary treasurer.

AT the annual meeting of the Harvey Society held on May 16 the following members were elected to serve as officers for the coming year, 1928-1929: *President*, Dr. Peyton Rous, of the Rockefeller Institute; *vice-president*, Dr. Horatio B. Williams, Dalton professor of physiology, Columbia University; *members of the council*, Dr. Robert Chambers, professor of microscopic anatomy, Cornell University Medical School; Dr. Harold D. Senior, professor of anatomy, New York University and Bellevue Hospital College; Dr. Alfred F. Hess, clinical professor of pediatrics, New York University and Bellevue Hospital College; *secretary*, Dr. Philip D. McMaster, Rockefeller Institute.

AT the meeting of the American Association of Pathologists and Bacteriologists held at Washington, D. C., on May 1, the following officers were elected for the ensuing year: *President*, E. B. Krumbhaar; *vice-president*, George H. Whipple; *secretary*, Howard T. Karsner; *treasurer*, F. B. Mallory, and incoming *member of council*, Ward J. MacNeal. The next meeting of the association will be held in Chicago on March 28 and 29, 1929.

THE American Society of Experimental Pathology has elected the following officers for the ensuing year: *President*, E. B. Krumbhaar; *vice-president*, W. F. Peterson; *secretary-treasurer*, C. V. Weller. The next meeting will be held in conjunction with the International Congress of Physiology in Boston in August, 1929.

DR. FORMAN T. MCLEAN has resigned from the staff of the Experimental Station of Rhode Island State College, to accept the position of superintendent of public education at the New York Botanical Garden.

LLOYD S. TENNY, chief of the bureau of agricultural economics of the U. S. Department of Agriculture, has resigned to take a position with the Associated California Fruit Industries.

WILLIAM NEWTON has been appointed plant pathologist for the Dominion Department of Agriculture in British Columbia.

DR. HARLAN T. STETSON, assistant professor of astronomy at Harvard University, has been appointed exchange professor to western universities for the second half of the next academic year.

DR. W. F. MEGGERS, chief of the spectroscopy section of the U. S. Bureau of Standards, has left for

Europe, where he will represent the bureau at the meetings of the International Astronomical Union in Leyden, Holland.

DR. EMANUEL G. ZIES, of the geophysical laboratory of the Carnegie Institution, is proceeding to Java to engage in research in connection with volcanic activity.

DR. ROBERT L. PENDLETON, soil technologist in Los Banos College, Philippines, has recently been granted three months leave in order to visit various colleges and experiment stations in the Orient. After two weeks in Tokyo he went north to Morioka and Sapporo, then down the west coast and to Kyoto, Nagoya and Fukuoka. On the homeward trip he expects to stop in Formosa and at Canton Christian College.

DR. PAUL BARTSCH, curator of mollusks of the U. S. National Museum and holder of the Walter Rathbone Bacon research scholarship, will spend the next four months in Cuba, where he will be joined by Dr. Carlos de la Torre, president emeritus of the University of Havana, on a search for salt and freshwater mollusks.

DR. E. O. ULRICH, paleontologist of the United States Geological Survey, is spending a month in Missouri, Arkansas and Oklahoma collecting fossils from the lower Paleozoic formations in these states. The information obtained will be embodied in a report which Dr. Ulrich is now writing on the Paleozoic formations of the Arbuckle Mountains of Oklahoma.

DR. IRVINE H. PAGE will sail in August for Munich, Germany, where he will be a guest research worker and physician to the Kaiser Wilhelm Anstalt Forschung under the directorship of Professors Willstätter and Plaut.

WILLIAM BEEBE, of the New York Zoological Society, has returned from a month's visit to England, where he went to study the deep-sea fish in the British Museum and to complete certain portions of his ichthyological library. He gave several addresses on his diving work on the coral reefs of Haiti, including one before the Zoological Society of London.

PAUL S. MARTIN, curator of archeology and ethnology at the museum of the Colorado State Historical Society, has returned from his second season in Yucatan as assistant archeologist for the Carnegie Institution of Washington. While in Yucatan he excavated and completely restored a Mayan temple. He is planning to do some excavating for the State Historical Society in the southwestern part of Colorado during July and August.

FREDERICK G. CLAPP has completed a reconnaissance in southern and western Persia and eastern Iraq and has returned to Teheran.

DR. W. M. DAVIS, emeritus professor of geology at Harvard University, lectured on "The Coral Reef Problem" before the Sigma Xi of the University of Arizona at Tucson on May 26, and on May 30 delivered the commencement address on "The Value of Useless Knowledge" at the same university, where he has been lecturing on physiography through the spring term. On June 3 he conducted a field meeting of the Rift Club of Southern California at the base of the dissected fault-scarp which limits the San Gabriel mountains on the south near Pasadena.

DR. R. J. GARBER, head of the department of agronomy and genetics at West Virginia University, gave two lectures at the eighth annual convention of the Canadian Society of Technical Agriculturists, which was held in Quebec, June 11 to 14, inclusive. The subjects of the lectures were "Breeding for Disease Resistance with Particular Reference to the Smut of Oats" and "The Nature and Significance of Mutations in Present-day Breeding Methods."

DR. R. W. THATCHER, president of the Massachusetts Agricultural College, will give an evening lecture at the Institute of Chemistry of the American Chemical Society, July 27, on "The Development of Agricultural Research."

THE following lectures have recently been given at the physical laboratory of the University of Minnesota: Professor Léon Brillouin, of the University of Paris, lectured on May 14 on "Quantum Statistics" and "Recent Developments in Quantum Theory." On May 16, Dr. G. Cario spoke on "Recent Work on Collisions of the Second Kind." On May 25 and 26 Professor Kramers, of the University of Utrecht, gave lectures on "The Uncertainty Principle in Quantum Theory," "The Anomalous Refraction of X-rays," and "The Quantum Theory of the Electron."

AT the annual graduation exercises at Clark University a scholarship as a memorial to the late Dr. Edmund C. Sanford, psychologist, former president of the university, was presented by the alumni, and a portrait of the late Professor William Libbey, of Princeton University, was presented by Dr. W. Elmer Ekblaw, representing Mrs. Libbey.

A MARBLE bust of the late John Collins Warren, done by J. F. Paramino, will soon be placed in the Warren anatomical museum at the Harvard Medical School.

SAMUEL B. PARISH, honorary curator in the herbarium of the University of California and lecturer in Stanford University, died on June 5, aged ninety years.

THE *Experiment Station Record* notes the death on March 7 of Dr. Hjalmar von Feilitzen, one of the

leaders in agriculture and agricultural research in Sweden.

DR. CHARLES PLATT, emeritus professor of biological chemistry in the Hahnemann Medical College, Philadelphia, has died at the age of fifty-nine years.

THE Northern Arizona Society of Science and Art has been founded to increase and diffuse both the knowledge and appreciation of science and art, to protect historic and prehistoric sites, to protect scenic places, and conserve vanishing wild life. The society will maintain in the city of Flagstaff a museum where the archeological and ethnological treasures of Northern Arizona can be displayed and where the geological wonders of the plateau can be interpreted. Dr. Harold S. Colton is the director of the museum. A board of fifteen trustees has been appointed.

THE twentieth annual meeting of Poultry Science Association will be held from August 21 to 24, at Purdue University, Lafayette, Indiana. The annual meetings are largely attended by extension, teaching and research workers, who devote most of their time to poultry science, of various state universities, experiment stations and state departments.

THE executive committee of the International Geodetic and Geophysical Union has voted to hold the next meeting of the union at Stockholm, Sweden, between the dates, August 18-25, 1930.

AN Empire Forestry Conference will open in Perth about the first week in September, and delegates will spend six weeks in Australia, the last week being occupied in Canberra. They will spend three days in each state inspecting forestry activities.

THE Institution of Civil Engineers began on June 4 the meetings associated with the celebration of the centenary of its incorporation by royal charter. The inaugural ceremony took place in the hall of the institution, Great George Street, Westminster, when the president, Mr. E. F. C. Trench, welcomed delegates from various parts of the world, many of whom presented addresses of congratulation. In addition to engineering, scientific and professional societies and universities in the British Isles, there were representatives present of kindred institutions in Canada, South Africa, Australia, New Zealand, India, Austria, Chile, Czechoslovakia, Denmark, France, Germany, Holland, Italy, Japan, Norway, Portugal, Sweden, Switzerland and the United States.

WE learn from *Nature* that by the will of Lieutenant-Colonel A. J. C. Cunningham, who died on February 8, the London Mathematical Society will receive £1,000 for the improvement of the method of factorization of large numbers, and £2,000 for the

publication of Colonel Cunningham's unpublished printed mathematical works and the completion and publication of his mathematical manuscripts, and also his library of mathematical books. The residue of his estate is to be divided as to one twelfth to the London Mathematical Society, and one twelfth to the British Association, mathematical subsection, for preparing new mathematical tables in the theory of numbers.

THE Chilean Nitrate of Soda Educational Bureau has offered an annual award of \$5,000 to research workers in North America for outstanding research that will contribute to the fund of knowledge regarding nitrogen in crop production. The award is sponsored by the American Society of Agronomy, of which P. E. Brown, Iowa State College, Ames, Iowa, is secretary-treasurer.

THE board of regents of the University of Wisconsin have accepted a fund of \$15,000 by a Wisconsin group of foundries for metallurgical research in the college of engineering. The fund provides \$5,000 a year for three years for equipment to carry on the experiments.

THE Johns Hopkins University has received \$500,000 from an anonymous donor to complete the endowment of the Welch Medical Library. An anonymous donor also gave \$100,000 to the Wilmer Clinic, subject to an annuity.

Two donations of \$200,000 each by John D. Rockefeller, Jr., and James Speyer have sent the building fund of the Museum of the City of New York over the \$2,000,000 mark. This assures the museum the city-owned plot of land at 103rd St. and 5th Ave.

THE formal opening of the new museum building at the University of Michigan took place on June 14.

THE important collection of diatoms assembled by the late Charles S. Boyer has been presented by Mrs. Boyer to the Leidy Microscopical Club of the Academy of Natural Sciences of Philadelphia, together with Mr. Boyer's complete library covering the literature of the Diatomaceae. The collection contains over six thousand slides with a card catalogue, includes many types, and embraces practically all the material studied by Mr. Boyer in preparing his "Synopsis of the Diatomaceae of North America," recently published by the Academy of Natural Sciences of Philadelphia.

THE University of Virginia has announced a gift from the General Education Board of \$175,000, to be expended within a period of seven years in support of research in biology, chemistry and physics. Research fellowships, open to properly qualified grad-

uate students, have been established in each of these subjects. A number of fellowships at \$1,000 each are still available for 1928-29 in the schools of biology and chemistry. Applications should be addressed to the secretary of the appropriate department.

THE new Daniel Guggenheim aeronautical laboratory at the Massachusetts Institute of Technology was formally dedicated and opened for use on June 4.

THE three-story science building of St. Leo's College in Florida was destroyed by fire on June 1, the damage being estimated at \$35,000.

AGASSIZ MUSEUM, the Harvard University museum of comparative zoology, was opened again to the public, beginning June 19, following the first extensive remodeling it has had in fifty years. The museum has been closed for about six months while repairs were being made. During the past six months the whole museum has been redecorated and repainted; the building has been entirely renovated. Several old collections which were deemed unsuitable for further exhibition have been discarded and all the exhibits have been rearranged. Several exhibits, new to the university, have been prepared, one being a hall of oceanic mammals, another one of domesticated animals and others designed to show heredity and the variation of animals under domestication.

PRESIDENT COOLIDGE has by executive order re-established for the protection of native birds the Pathfinder Bird Refuge, embracing 22,700 acres on the North Platte River in central Wyoming, according to an announcement by the U. S. Department of Agriculture. The area is set aside as one of the numerous refuges administered by the Bureau of Biological Survey.

To exchange ideas with the leaders of forestry and outdoor life in Europe and to study the problems of European forests, a group of members of the American Forestry Association, Washington, and others vitally interested in forests, parks and wild life sailed from New York on June 30. The tour will include France, Germany, Switzerland, Finland and Sweden.

UNIVERSITY AND EDUCATIONAL NOTES

ESTABLISHMENT of a trust fund of between \$5,000,000 and \$6,000,000 for the University of Virginia has been announced by President Edwin A. Alderman. The money was given by an anonymous donor. Half of the income from this fund is to be used for the establishment of scholarships and fellowships, and the remainder for the general educational purposes of the university.

BOWDOIN COLLEGE received over \$1,000,000 in gifts during the last year. This includes a \$250,000 bequest from F. A. Munsey; \$150,000 from the estate of Thomas Upham Coe, of Bangor, Me., and \$50,000 from David Pingree, of Salem, Mass.

THROUGH the generosity of an anonymous donor interested in the subject of chemical education a professorial chair in this field has been endowed for the immediate future in the Johns Hopkins University, and Dr. Neil E. Gordon has been elected to the position. Dr. Gordon is at the present time head of the department of chemistry at the University of Maryland and state chemist.

DR. CHARLES F. HOTTES, professor of plant physiology at the University of Illinois, has been appointed professor of botany and head of the department to succeed Dr. H. L. Shantz, who becomes president of the University of Arizona.

DR. F. D'HERELLE, director of the bacteriological laboratory at Alexandria, Egypt, has been appointed professor of bacteriology at Yale University. Dr. d'Herelle was born in Montreal and still retains his Canadian citizenship. He will arrive in the United States about September 1.

PROMOTIONS and appointments on the faculty of the Massachusetts Institute of Technology have been announced. Those promoted from the grade of associate professor to full professorships include: John B. Babcock, professor of railway engineering; J. W. M. Bunker, professor of biochemistry and physiology; H. H. W. Keith and George Owen, professors of naval architecture; Charles Terzaghi, professor of foundations, and Clair E. Turner, professor of biology and public health.

DEAN EDWARD H. ROCKWELL, of the College of Engineering, Rutgers University, has been appointed professor of civil engineering in Lafayette College.

ROBERT L. SPENCER, chief engineer of the McAlenon Corporation of Pittsburgh, has been elected dean of the department of engineering of the University of Delaware, to succeed the late Professor V. G. Smith.

DR. E. D. RIES, director of the division of industrial research in the school of chemistry and physics at the Pennsylvania State College, has resigned to give all his attention to his duties as head of the chemical engineering department, he having filled both positions for the past year. Dr. William J. Sweeney, formerly of the chemistry faculty and for the past two and a half years at the Massachusetts Institute of Technology, has been appointed assistant professor of research and director of the division.