

SCIENTIFIC NOTES AND NEWS

DR. E. D. MERRILL, administrator of botanical collections at Harvard University and director of the Arnold Arboretum, has been elected a corresponding member of the Institut national Genevois.

A FELLOWSHIP in the Rochester, N. Y., Museum of Arts and Sciences has been conferred on Dr. Carl E. Guthe, director of the University Museums and the Museum of Anthropology of the University of Michigan. Dr. Guthe's certificate of fellowship carried a citation which said, in part: "It is a recognition of your eminence in the field of museum administration and your leadership in the coordination of anthropological and archeological organizations resulting in the founding of the Society for American Archeology and to numerous important convocations of anthropologists and students interested in the study of early man in America."

T. E. WALLIS, reader in pharmacognosy in the University of London, has been awarded the Hanbury Medal of the Pharmaceutical Society of Great Britain.

DR. W. A. WESLEY, assistant director of the Research Laboratory, International Nickel Company, Bayonne, N. J., was awarded the annual gold medal of the American Electro-Platers' Society at its twenty-seventh annual convention in Asbury Park, N. J., in recognition of his paper on "Physical Properties and Uses of Heavy Nickel Deposits."

At the fourth annual conference of the British Speleological Association, which opened at Swansea on August 5, a silver key was presented to Sir Cyril Fox, director of the National Museum of Wales, by Dr. R. R. Marett, president of the association.

PROFESSOR THEODOR VAHLEN, president of the Prussian Academy of Sciences, has been awarded the Goethe Medal for Art and Science by the German Chancellor.

PROFESSOR JAROSLAV PERNER, professor of paleontology in the Charles University, Prague, recently celebrated his seventieth birthday.

DR. R. E. COKER, head of the department of zoology and chairman of the division of natural sciences of the University of North Carolina, has been made Kenan professor of zoology in the place of Professor H. V. Wilson, who died on January 4.

DR. C. A. McCUE, dean and director since 1920 of the Agricultural Experiment Station of the University of Delaware, who has been connected with the institution since 1907, has retired. George L. Schuster, professor of agronomy and research agronomist, has been appointed director.

DR. W. E. SHULL, associate professor of entomol-

ogy at the University of Idaho, has been appointed head of the department. He succeeds Dr. Claude Wakeland, who has resigned.

DR. RICHARD O. SUTHERLAND, formerly of the University of Wisconsin and of Carleton College, has been appointed assistant professor of chemistry at Hamilton College, Clinton, N. Y. Dr. Asa Emanuel McKinney has been advanced to a professorship in that department, to take the place of Dr. Arthur Percy Saunders, who has been connected with the college since 1900.

DR. NATHAN SCHWID, of Montana State College, Bozeman, has been named assistant professor of mathematics at the College of Mines and Metallurgy, a branch of the University of Texas at El Paso. He succeeds Dr. Hugh L. Turrittin, who has resigned to join the faculty of the University of Minnesota.

DR. JULIA SOUTHERD LEE, formerly of Purdue University, has been appointed assistant professor of textiles and clothing at the Iowa State College.

DR. FRANCES L. HAVEN, associate professor at the University of Rochester School of Medicine and Dentistry, has been awarded a research fellowship by the National Cancer Institute at Washington.

DR. HUGH NICOL, of the Rothamsted Experimental Station, has been appointed scientific assistant to Sir John Russell, director of the station.

PROFESSOR ERNST FREUND has resumed his work as director of the Pearson Research Laboratory, which has been removed from Vienna to London. The laboratory, which has specialized in work on food chemistry and nutrition in its relation to cancer, was founded by Frederick Pearson, an American now living in England. Dr. Freund's assistant, Dr. Gisa Kaminer, who was for many years surgeon at the Rudolf Hospital in Vienna, is also working in the laboratory at London.

DR. JAMES R. WITHROW, of the Ohio State University, is one of a group of American chemical engineers who have been invited by the Swiss Government to visit the chemical and other industries of Switzerland in connection with the International Exposition of Swiss Industries at Zurich.

DR. JOHN A. KÖLMER, professor of medicine at Temple University, Philadelphia, has been invited by the Health Section of the League of Nations to represent the United States at the fourth International Conference on the Serologic Diagnosis of Syphilis, to be held in Copenhagen from September 25 to October 6.

ACCORDING to *Industrial and Engineering Chemistry*, Charles M. A. Stine, vice-president in charge of re-

search at the E. I. du Pont de Nemours and Company, Inc., has accepted an invitation to address the Second International Chemical Engineering Congress, convening in Berlin during the week of June 23, 1940. Dr. Stine will represent the American Institute of Chemical Engineers, of which he is a director. His address, "Chemical Engineering and Industry," will be one of the four papers to be delivered during the general session. The other speakers will be Sir Harold Hartley, representing England; Georges Claude, France, and Richard Kuhn, Germany.

PROFESSOR FRANCESCO PENTIMALLI, professor of pathology at the University of Naples and a member of the Italian Parliament, arrived in New York on August 17. He plans to attend the International Congress of Microbiology in New York and the Cancer Research Congress in Atlantic City.

DR. RHEINHARDT DOHRN, director of the Naples Zoological Station, reports an active spring session at the laboratory this year. He states that an important result was the isolation of fertilizin (F. R. Lillie) from sea urchin eggs by Dr. Max Hartmann and his collaborators. Dr. Dohrn expresses regret that there were no American applicants this year. The American table is supported by the National Research Council under the direction of Professor R. E. Coker, chairman of the division of biology.

THE Advisory Council on Human Relations, authorized at the Richmond meeting by the executive committee of the American Association for the Advancement of Science, has organized with Dr. Horace B. English, of the Ohio State University, as *chairman*, and Dr. C. E. Lively, University of Missouri, as *secretary*. Other members of the council are: Dr. J. L. Hypes, University of Connecticut; Dr. C. C. Zimmerman, Harvard University; Dr. W. M. Krogman, University of Chicago; Dr. R. E. Coker, University of North Carolina; Dr. Douglas Fryer, New York University, and Fred C. Pederson, state forester, Charlottesville, Va. The council was appointed at the suggestion of the U. S. Forest Service to act as a central advisory and coordinating body for research into the human-relations problems of reforestation and soil conservation and such other problems as may arise.

THE twenty-ninth National Conference on Weights and Measures was held in Washington from June 6 to 9. The following officers were elected for the ensuing year: *President*, Dr. Lyman J. Briggs, director, National Bureau of Standards. *Vice-presidents*, Charles C. Read, state superintendent of weights and measures of New Jersey; C. E. Tucker, chief, State Division of Weights and Measures of California; H. N. Davis, supervisor, State Department of Weights and Measures of Vermont; A. J. Jenson, state inspector

of weights and measures of North Dakota; Alex Pisciotta, director, Bureau of Weights and Measures of New York City; James O'Keefe, inspector of weights and measures, of Chicago, Ill. *Secretary*, F. S. Holbrook, National Bureau of Standards, Washington, D. C. *Treasurer*, George F. Austin, Jr., supervising inspector of weights and measures of Detroit, Mich.

THE British American Engineering Congress, dedicated to the subject, "Engineering Aids World Progress," will be held in New York City from September 4 to 8. It meets with the American Society of Mechanical Engineers, the Institution of Mechanical Engineers of Great Britain, the American Society of Civil Engineers, the Institution of Civil Engineers of Great Britain and the Engineering Institute of Canada and other participating engineering organizations. These include the American Engineering Council, United Engineering Trustees, the Engineering Foundation, the Engineers' Council for Professional Development, Engineering Societies Library, the American Institute of Mining and Metallurgical Engineers, the American Institute of Electrical Engineers, the Society of Automotive Engineers, the Society of Naval Architects and Marine Engineers, the Society of American Military Engineers and the Institute of the Aeronautical Sciences.

THE seventh congress of the Association pour la Documentation photographique et cinématographique dans les sciences will be held in Paris on October 12 and 13. Members will meet on the first day at the Palais de la Découverte and on the second day at the Musée Pédagogique de l'État. Further information may be obtained from Dr. Charles Claoué, 39, rue Scheffer, Paris, 16.

THE twenty-seventh International Congress of Americanists was opened on August 5 in Mexico City, under the patronage of President Cardenas, with an attendance of over three hundred students of archeology, anthropology and history. Dr. Alfonso Caso, director of the National Institute of Archeology and History, Mexico City, was elected president, and General Cardenas honorary president. The honorary vice-presidents include T. A. Joyce, lately of the British Museum, and M. Paul Rivet, of the Museum of Man in Paris. An excursion was made to the pyramids and the museum at San Juan de Teotihuacan.

THE twelfth International Congress of the History of Medicine will be held in Berlin from September 22 to 28, 1940, when the chief subjects for discussion will be the evolution of medicine in different countries from Harvey to Haller, the epoch of medical philosophers, introduced by Dr. Laignel-Lavastine, professor of the history of medicine in the faculty of medicine of the University of Paris, and the history of typhus, intro-

duced by Professor Zeiss, director of the Institute of Hygiene of the University of Berlin.

THE hundredth anniversary of the presentation of the daguerreotype process of photography to the French Academy by Louis Jacques Daguerre, father of photography, was commemorated on August 17 at the Eastman Kodak Building at the World's Fair with the opening of an exhibition of daguerreotype equipment, including a camera operated by Charles H. Tremaine, the only daguerreotypist in the United States. The exhibition includes an original daguerreotype by Daguerre, an 1837 photograph, which is the earliest existing still-life; an 1845 daguerreotype panorama of Niagara Falls, and many early photographs.

THE regular summer meeting of the Pennsylvania Academy of Science was called at Laporte, county seat of Sullivan County, on August 11, 12 and 13 by President R. W. Stone. Ninety-eight members and guests were present. Laporte is on the Allegheny Plateau at an elevation of almost 2,000 feet and is ideally situated for field trips, particularly in botany, as many rare plants occur in the neighborhood, including a number of unusual northern species. Field trips were held to the Haystacks, Lincoln Falls, Whirls End, High Knob and other points. On the evening of the eleventh, an out-of-door meeting open to the public was held. Talks, partly illustrated by lantern slides, were given on the local forestry, botany and geology. A correspondent writes that an unusually fine display of the aurora was visible that evening, adding materially to the interest of the meeting.

THE Rockefeller Foundation has recently granted Stanford University the sum of \$200,000, for the continued maintenance, during a ten-year period, of a program of biological research supported since 1934 by previous grants from the same foundation. The project is under the general supervision of Professor C. V. Taylor, and has included individual investigations on biochemical factors in eye-color control in *Drosophila*, by G. W. Beadle; bioelectric phenomena in plant cells, by L. R. Blinks; the reorganization processes in induced encystment and excystment of ciliates, by C. V. Taylor; hybridization and embryonic transplantation experiments with *Amphibia*, by V. C. Twitty; the determination of polarity in developing ova, by D. M. Whitaker, and biochemical studies of bacterial synthesis, by C. B. van Niel.

ADDITIONAL facilities for the scientific study of problems confronting the fishing industry on the Atlantic Coast will be provided by the Bureau of Fisheries through the construction of a new laboratory building at the University of Maryland, College Park, to be built at a cost of \$100,000. Preliminary plans call for the erection of a building to permit consolidated housing of the technological laboratory units now in operation at College Park and at Washington. A laboratory for research into West Coast fishing problems is maintained by the bureau at Seattle. The College Park building will provide for the first time similar unified facilities for the benefit of Atlantic Coast fishermen.

DISCUSSION

THE NEW NOMENCLATOR ZOOLOGICUS

SCIENTIFIC workers can not avoid a considerable amount of bibliographic drudgery, but in the nature of things some of this most necessary work can not be undertaken by single individuals. This is especially true in regard to generic and subgeneric names, which, according to the rules, may not be duplicated in the whole realm of zoology. Sherborn's "Index Animalium," listing, with bibliographical references, the generic names proposed up to 1850, has been invaluable; and particulars concerning later names may be found in the annual volumes of the *Zoological Record*. The various nomenclators, that of Scudder being the most important, listed the generic names, with dates. Yet with all these aids, there was clearly urgent need for a new nomenclator, bringing the subject up to date, and including some five thousand names which had been omitted from earlier lists. Such a work was projected by Dr. S. A. Neave, assistant director of the Imperial Institute of Entomology, in 1934. As a result of incessant labor by many workers, it has been

completed, and is published by the Zoological Society of London. The first volume (A-C) is now published; three others (with over 900 pages each) will appear at intervals of about six months. The whole work is sold for eight guineas, post free, "a price which bears no relation to the initial cost, but which, it is hoped, will enable many individual zoologists, as well as institutions and libraries, to purchase copies." There are more than 225,000 entries, each occupying one or more lines of print. The generic names are in bold face and thus much easier to read than those in Scudder's work, which is in any case almost impossible to obtain, being long out of print. Looking up numerous names which are familiar to me, I have failed to detect any errors. The cost of preparation was borne by the Zoological Society of London, which publishes the work at its office in Regent's Park, London, N.W.8. Contributions towards the cost of printing were made by the Carnegie Corporation of New York, the Royal Society and a generous anonymous donor. Recorders were paid, but surely not in proportion to their labors.