

TRIBUTE TO PROFESSOR CHARLES SCHUCHERT

UPON Professor Charles Schuchert's recent return from a sojourn in Texas, he was presented with an engrossed copy of the following tribute from his colleagues:

The curators of the Peabody Museum gladly avail themselves of the opportunity afforded them by Professor Schuchert's retirement to place on record their appreciation of his long and devoted service to the Museum and to Yale.

Coming to Yale from the United States National Museum in 1904 to succeed Professor Beecher as professor of paleontology and curator of the geological collections, Professor Schuchert's museum duties at once became threefold, for this curatorship carried with it the administrative direction of the museum and in addition he was elected secretary of the board of trustees.

As curator, Professor Schuchert's interests lay chiefly in the field of invertebrate paleontology, and through his efforts the collections along these lines have been more than doubled. Many of these were secured in connection with his own studies, notably those from the early Devonian of Europe, the early Silurian of Ontario, the Devonian of Gaspé Peninsula, the Silurian of New Brunswick, the vast collections from the Ordovician of western Newfoundland, and those from the Pennsylvanian of the oil fields of Oklahoma and Texas. Other collections made under his direction by graduate students have formed the basis of monographic studies pursued under his guidance, such, for example, as the great collections from Anticosti Island, from the Silurian strata of Arisaig, and from the Devonian of Oklahoma and of Tennessee. Still other collections have been secured for projected studies. In many instances these were obtained at slight or no cost to the museum, and frequently at Professor Schuchert's own personal expense, for when funds were lacking to make desirable purchases or to send good students into the field, his generosity met the need. In addition to this material increase in the way of collections, his researches have brought honor and distinction to the institution he has so faithfully served.

As an administrator, Professor Schuchert has been an equally devoted and able leader, always interested in the several departments of the museum and sympathetic toward their needs. His never-failing enthusiasm and his singular devotion to the pursuits of science have always been an inspiration to students and to colleagues alike. During his administration, he never ceased to keep before the university authorities the need for a new museum, and when this building became a probability, he devoted much time to consideration of plans for it. It was one of the many unforeseen results of the great war that it did not fall to his lot to carry those plans into execution, for the two years that were expected to elapse between the demolition of the old museum and the construction of the new lengthened into seven. He therefore relinquished his administrative duties in 1922, but at the urgent request of his colleagues retained his curatorship

and his trusteeship until the new museum was completed.

In his retirement from the service of the museum, Professor Schuchert carries with him the affectionate esteem of his fellow-workers and their wish that he may have many more years of joyful labor upon the researches to which he is now devoted.

WESLEY R. COE

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SCIENTIFIC NOTES AND NEWS

DR. FREDERICK P. GAY, professor of bacteriology in Columbia University, College of Physicians and Surgeons, has accepted appointment as American visiting professor to Belgium for 1926-1927. The appointment was made by the C. R. B. Educational Foundation, Inc., established by the commission for relief in Belgium. Professor Harlow Shapley, director of the Harvard College Observatory, is the visiting professor for the present year and is now in Belgium.

DR. JABEZ NORTH JACKSON, of Kansas City, president of the Southwest Medical Association, has been elected president of the American Medical Association, succeeding Dr. Wendell Phillips, of New York. The next annual meeting is to be held in Washington, D. C.

THE honorary degree of doctor of laws will be conferred upon Professor Niels Bohr, of Copenhagen, by the University of Edinburgh in June.

SIR JAMES FRAZER, professor of social anthropology at the University of Liverpool, has been made a commander of the Legion of Honor by the French government.

THE Bessemer Gold Medal for 1926 of the British Iron and Steel Institute has been awarded to Sir Hugh Bell. We learn from *Nature* that the medal, the award of which is made in recognition of outstanding services in the advancement of the art of the manufacture of iron and steel, will be presented to Sir Hugh Bell at the annual meeting of the institute on May 6, by the incoming president, Sir W. Peter Rylands.

THE proceeds of the Daniel-Pidgeon Fund of the Geological Society of London for 1926 have been awarded to Dr. David Williams, who proposes to investigate the geology of the country between Snowdon and the Carneddys.

DR. L. FREDERICQ, Liège, has been elected to fill the vacancy from the death of Bergonié in the list of corresponding members of the French Academy of Sciences.

At the concluding meeting of the International Electro-Technical Commission in New York on April 22, Guido Semenza, of Milan, Italy, was reelected president; Col. R. E. Crompton, of London, was elected honorary president, and Sir Richard Glazebrook, of Cambridge, England, honorary secretary. It was decided to hold the next meeting in Italy in 1927.

A TRIBUTE to John Hays Hammond, whose seventy-first birthday was on March 31, will be paid on May 3, the observance centering in a dinner to be given at the Waldorf Hotel, in New York, by a "company of friends." Dinners, timed to coincide with the New York dinner, will be held in the Rand in South Africa and in Paris, London, Berlin, Manila, Tokio, Lisbon, Salt Lake City, Denver and San Francisco.

FRIENDS of Dr. Charles Davison, emeritus professor of surgery, University of Illinois College of Medicine, gave a dinner in his honor at the Congress Hotel, on April 16, at which a bust of the guest of honor made by Lorado Taft was presented to the University of Illinois.

DR. ROY W. MINER, of the American Museum of Natural History, has been elected by the council of the New York Academy of Science to the offices of recording secretary and librarian of the academy.

DR. N. H. STEWART, of Bucknell University, was elected president of the Philadelphia Academy of Science at the recent Harrisburg meeting.

DR. JULES DRACH, professor of mathematics at the University of Paris, has been appointed visiting exchange professor for 1926-27.

DR. GEORGE H. PARKER, professor of zoology and director of the Zoological Laboratory at Harvard University, will attend the third Pan-Pacific Science Congress, at Tokyo, from October 27 to November 9, 1926.

DR. B. W. KUNKEL, professor of biology at Lafayette College, has returned to Easton, Pa., from London, where he spent the first half year in Professor Julian Huxley's laboratory at King's College. At the meeting of the British Society for Experimental Biology on January 8 he presented a paper entitled "A Growth Nomograph for *Gammarus Chevreuxi*."

DR. O. T. NICHOLAS, fellow of Trinity College, Cambridge, and tutor in geology, and Dr. A. H. Westergaard, of the geological survey of Sweden, will be guests of the Princeton University summer school of geology, which will undertake a geological survey trip this summer.

DR. YANDELL HENDERSON, professor of applied physiology at Yale University, lectured on February 1, before the faculty and students of the Medical School of Cairo, Egypt, on "Some Adventures in Respiration." He will spend the spring term working in the physiological laboratory at the University of Cambridge.

DR. OSKAR KLOTZ, professor of pathology and bacteriology in the University of Toronto, delivered the Gordon Bell Memorial Lecture, Winnipeg, on April 9. Dr. Klotz sails on May 1, for Lagos, West Africa, where, at the request of the Rockefeller Foundation, he will investigate yellow fever for six months.

DR. GEORGE P. MERRILL, of the United States National Museum, lectured in April on the "Origin, Constitution and Textures of Meteorites," before the department of geology of Bryn Mawr College.

DR. S. C. LIND, of the Fixed Nitrogen Research Laboratory, lectured on March 10 in the school of chemistry at the University of Minnesota. His subject was "Chemical Action of Gaseous Ions produced by Alpha Particles."

PROFESSOR W. LASH MILLER, of the University of Toronto, lectured on April 13 in the school of chemistry at the University of Minnesota. His subject was "The 'Outsider' in Scientific Research."

PROFESSOR E. F. BURTON, of the department of physics of the University of Toronto, is delivering a series of five lectures on "Physics of the Ultramicroscope and the Optical Properties of Suspended Particles and Colloidal Cells," which the Mayo Foundation of the University of Minnesota has asked him to give in certain centers, namely, the Mayo Foundation, April 5; Washington University (St. Louis) Medical School, April 12; the University of Iowa Graduate School, April 13; the Des Moines Academy of Medicine, April 14; the Graduate School of the University of Minnesota, April 16. Other lecturers at these centers have been Professor Millikan, California Institute of Technology; Professor Gortner, University of Minnesota; Professor Osterhout, Rockefeller Institute; Professor Chambers, Cornell University, and Professor Fiseher, University of Cincinnati.

PROFESSOR DOUGLAS JOHNSON, of Columbia University, gave the invitation address before the Ohio Academy of Science at the annual meeting in Columbus on April 9. On April 14 he was the Phi Beta Kappa orator at Denison University. In both instances he spoke on the "Evolution of the Grand Canyon District."

DR. GUSTAVUS J. ESSELEN, JR., of Skinner, Sherman and Esselen, Inc., industrial chemists, Boston, recently delivered the last of the series of three John Howard Appleton lectures for this year at Brown University on the subject of "Cellulose Chemistry as applied to Rayon."

DR. KATHERINE COWARD, of London, spoke on the "Chemistry of Vitamins" at the open meeting of the Kappa Mu Sigma in Kent Chemical Laboratory, University of Chicago, on April 9.

DR. ARTHUR SCHUELLER, of Vienna, addressed the New York Neurological Society on April 6 at the New York Academy of Medicine.

PROFESSOR CHARLES FABRY, professor of physics at the Sorbonne, Paris, delivered the eleventh Guthrie Lecture of the Physical Society of London on April 23. The title of the lecture was "The Absorption of Radiation by the Upper Atmosphere."

PREPARATIONS are being made in Italy to commemorate next year in suitable form the centenary of the death of the great Italian scientist, Alessandro Volta. The leading scientific and technical associations are joining together in organizing a comprehensive program which will comprise, among other items, international congresses on physics, telegraphy and radio communication, while an International Exhibition of Electrical Communications is to be held in Como.

DR. DOUGLAS STEWART, director of Carnegie Museum of Pittsburgh, died on April 21, aged fifty-three years.

DR. LOUIS A. HERDT, professor of electrical engineering at McGill University, died on April 11.

VICE-ADMIRAL SIR JOHN FRANKLIN PARRY, known for his work in hydrography and navigation, died at his home in England, on April 23, aged sixty-three years.

SIR HARRY BROOKS ALLEN, professor of pathology and dean of the faculty of medicine in Melbourne University, Australia, has died, aged seventy-one years.

SIR JOHN BURCHMORE HARRISON, director of the Department of Science and Agriculture, in British Guiana, the author of numerous papers on the chemistry of tropical products, died on February 8, aged sixty-nine years.

DR. A. WITZ, formerly professor of physics in the Catholic University of Lille, who was known for his work on thermodynamics and on internal combustion engines, died on January 25, aged seventy-seven years.

PROFESSOR THOMAS JONESCU, a well-known Ruman-

ian surgeon and director of the Institute of Experimental Surgery at the University of Bucharest, died on March 28, at the age of sixty-six years.

THE United States Civil Service Commission has announced an open competitive examination for the positions of associate physicist at a salary of \$3,000 and assistant physicist at a salary of \$2,400, receipt of application for which will close on May 25. The examinations are to fill vacancies in the Bureau of Standards and the Bureau of Mines, Department of Commerce, and in positions requiring similar qualifications.

THE American Geophysical Union is holding its seventh annual meeting in Washington, D. C., on April 29 and 30. The general meeting of the union will be held on the second day in the building of the National Academy of Sciences and there will be separate meetings of the several sections of the organization on both days. After a business session to receive reports of officers and section chairmen and elect officers, the general meeting will conduct a symposium on the "Constitution of the Earth," with general discussion following brief summaries of various aspects of the subject by designated speakers. Dr. C. G. Abbot, of the Smithsonian Institution, who is chairman of the section of meteorology, is expected to return to Washington from his trip to Southern Asia and Africa in time to preside at the meeting of that section.

THE American Society of Zoologists will hold its twenty-fourth annual meeting at Philadelphia, December 27, 28 and 29, in connection with the meeting of the American Association for the Advancement of Science.

THE American Society of Mammalogists is holding its eighth annual meeting from April 27 to 30 at the American Museum of Natural History, New York.

THE first meeting of the recently organized Massachusetts branch of the Society for Experimental Biology and Medicine was held on April 13 at the Harvard Medical School. The following program was presented: "The Action of Certain Compounds on the Autonomic Nervous System," Reid Hunt. "The Effect of Loss of Skin and of Muscle on the Development of Spinal Ganglia," Samuel R. Detwiler. "The Velocity of Venous Blood to the Right Heart in Human Beings," Herman Blumgart and Soma Weiss. "Changes in the Blood during Exercise," Lawrence J. Henderson, Arlie V. Bock, David B. Dill, Louis M. Hurxthal and John S. Lawrence. The following committee has been appointed to consider policy: Walter B. Cannon, James L. Gamble, George H. Parker, Frederick H. Pratt, Hans Zinsser. Dr. Edwin J. Cohn is chairman of the society and Dr. Percy G. Stiles, secretary.

THE Tennessee Academy of Science and the Tennessee Archeological Society held a joint meeting at Nashville on March 24. Dr. Warren K. Moorehead, director of the department of archeology, Phillips Academy, Andover, Massachusetts, delivered an address on "Important Archeological Discoveries in the South." Dr. Louis J. Bircher, associate professor of physical chemistry in Vanderbilt University, gave an illustrated lecture in the evening on "The Application of the Electron Theory to the Radio." Roscoe Nunn, meteorologist of the U. S. Weather Bureau, Baltimore, Maryland, director of the Maryland Climatological Service, and Wilbur A. Nelson, state geologist of Virginia and head of the department of geology of the University of Virginia—both former presidents of the Tennessee Academy of Science—were elected to honorary membership.

THE Wisconsin Academy of Sciences, Arts and Letters held its fifty-sixth annual meeting, in joint session with the Wisconsin Archeological Society, at the State Normal School, Whitewater, Wisconsin, on April 9 and 10.

THREE million dollars of a proposed \$20,000,000 fund for research in natural sciences has already been pledged, according to an announcement by Herbert Hoover, secretary of commerce. The fund is being raised under the auspices of the newly organized National Research Endowment of the National Academy of Sciences.

WITH the return of the U. S. Naval Observatory Expedition from Sumatra, where it went to observe the total eclipse of the sun last January, the U. S. National Museum comes into possession of a fine collection of biological material brought to this country from the Dutch East Indies. Lieutenant H. C. Kellers, Medical Corps, U. S. Navy, was detailed to the expedition by the Navy Department to collect for the Smithsonian and the National Museum. In three months, with the cordial cooperation of the Dutch, he collected, roughly, 9,000 specimens of reptiles, birds, insects, crustaceans, mollusks and mammals—living and dead.

THE will of the late E. W. Scripps provides that his estate pay annually to Miami University \$15,000 for the maintenance of the Scripps Foundation for the Study of Population established at the university in 1922.

THE late Mrs. Harriet G. Smith has left \$5,000,000 for a hospital in Chicago for the treatment of contagious diseases. Arrangements have been made by which the University of Chicago is to provide a site for the building and have the use of the hospital for medical teaching and research.

THE U. S. Bureau of Entomology has received an

important addition to its collection at the National Museum. Seventy-seven vials containing coleopterous larvae, most of the material having been reared, were sent by E. Rosenberg, of Copenhagen.

THERE has been founded at the Imperial College of Science and Technology, South Kensington, England, a lectureship in memory of Thomas Henry Huxley, to be given annually for the next five years at the college on May 4, the anniversary of Huxley's birth, on some subject "connected with Huxley's activities." The lectureship has been placed under the control of a committee consisting of nominees of the Royal Linnean, Geological and Zoological Societies, the British Academy, the British Museum (Bloomsbury and South Kensington), the Royal College of Surgeons, the University of London, the London County Council and the Imperial College of Science and Technology. The committee is to decide on the scope of the lectures, and to nominate the lecturer each year. At its first meeting the committee nominated Sir Ray Lankester, who declined the invitation for reasons of health. The committee then nominated Dr. Chalmers Mitchell, secretary of the Zoological Society, who has accepted the invitation and will lecture on "Logic and Law in Biology," on May 4.

ACCORDING to the Japanese correspondent of the *Journal* of the American Medical Association, the opening ceremony of the Korea Imperial University was to be held on April 1. About three weeks before that the following appointments were to be made: Professor Unokiehi Hattori, Litt.D., as president, and various professors as deans of faculty in the institution. Appointment of the other professors will be made public after the ceremony at the beginning of April. It is settled that Professor Dr. Kiyoshi Shiga will be a senior professor of the medical college. According to the announcement made by the department of education, another imperial university, including a medical college, will be established in Formosa in April, 1928. It is reported that some professors and instructors will be sent abroad to study medical science.

THE *Electrical World* states that, in view of a disinclination on the part of the house committee on coinage, weights and measures to report out the Britten metric system bill, an alternate proposition has been brought forward in the form of a resolution providing that the Secretary of Commerce "initiate and execute plans whereby metric weights and measures may be brought into common use in commerce and merchandising." A sub-committee named to select from the vast amount of documentary material submitted that portion which could be printed as a part of the *Record* without making it too voluminous has finished its work.