

C. Spearman, London, "A New Method of Investigating the Springs of Action."

F. Aveling, London, "Emotion, Conation and Will."

Ed. Claperède, Geneva, "Feelings and Emotions."

Titles not yet received from the following: Alfred Adler, Vienna; W. Bechterew, Russia; Carl Buehler, visiting professor at Johns Hopkins; E. Jaensch, Marburg, Germany.

SCIENTIFIC NOTES AND NEWS

GENERAL HENRY L. ABBOT, the distinguished army engineer, died on October 2, aged ninety-five years. General Abbot was elected a member of the National Academy of Sciences in 1872.

THE Société Nationale d'Acclimatation de France has presented Dr. Alexander Wetmore, assistant secretary of the Smithsonian Institution, the Isidore Geoffroy Saint-Hilaire medal in recognition of his researches and publications in ornithology.

ON the occasion of the centenary celebration of the University of Toronto, twenty-six honorary degrees were conferred, including the degree of doctor of science on Dr. Frederick James Alway, professor of soil chemistry, University of Minnesota; Sir John Bland-Sutton, past president of the Royal College of Surgeons of England; Dr. Louise D. Cummings, professor of mathematics, Vassar College; Dr. Elizabeth Rebecca Laird, professor of physics, Mount Holyoke College; Dr. William G. MacCallum, professor of pathology and bacteriology, the Johns Hopkins University; Dr. Thomas McCrae, professor of medicine, Jefferson Medical College, and Gaston Leon Ramon, director of the Pasteur Institute Annex. The degree of doctor of engineering was conferred on David Law Hodges Forbes, general manager of the Teck Hughes Mining Company; Thomas Henry Hogg, hydraulic engineer for the Hydro-electric Power Commission of Ontario, and James L. Morris, civil engineer.

At the founder's day exercises at Lehigh University on October 5, Dr. Karl Taylor Compton, professor of physics at Princeton University, gave an address on "Specialization and Cooperation in Scientific Research." The university conferred on Dr. Compton the degree of doctor of science and on Robert Culbertson Hays Heck, professor of mechanical engineering at Rutgers University, the degree of doctor of engineering.

PROFESSOR MICHAEL I. PUPIN, of Columbia University, will be the principal speaker at the conference of delegates in Easton on October 20, when Dr. William Mather Lewis will be inaugurated as president of Lafayette College.

CLARENCE FELDMANN, professor of electrical engineering at the University of Delft, Holland, was

elected president of the International Electrotechnical Commission at the recent meeting of that body in Bellagio, Italy. Though a native of New York City, Professor Feldmann received his technical training at the University of Darmstadt, Germany, and has spent his entire career on the European continent.

DR. WILLIAM HENRY POTTER, professor of operative dentistry in the Harvard Dental School, has been made professor emeritus.

DR. ISABEL S. SMITH, professor of biology at Illinois College, Jacksonville, Ill., since 1905, resigned her position last June. By vote of the college trustees, Miss Smith was made professor of biology emeritus. Her permanent address will be Oberlin, Ohio. Dr. Willis DeRyke has been appointed to the chair.

DR. JOHN S. BOYCE, chief of the Portland, Oregon, office of forest pathology, Bureau of Plant Industry, has been made director of the Northeastern Forest Experiment Station, at Amherst. The station has been in charge of S. T. Dana, who has resigned to become dean of the new school of forestry and conservation at the University of Michigan.

DR. F. E. DENNY, of the Boyce Thompson Institute, has been called to Florida to investigate the possibility of raising crops of winter potatoes in the Everglade district west of Palm Beach. The U. S. Department of Agriculture is cooperating with the Florida Experiment Station in this investigation.

New appointments were made by the Medical Fellowship Board of the National Research Council on September 24, as follows: Dr. William C. Austin, in physiological and organic chemistry; Dr. Arthur R. Colwell, in chemistry and physics, leading to internal medicine; Wilton R. Earle, in anatomy; Dr. Edgar F. Fincher, Jr., in neurosurgery; Dr. Louis H. Jorstad, in pathology; Ethel D. Simpson, in physiology; Dr. Richard W. Whitehead, in pharmacology; Dr. Harold G. Wolff, in neurology. Dr. Oran I. Cutler, in pathology, was reappointed.

DR. ALEŠ HEDLIČKA, of the U. S. National Museum, sailed on October 1 for Europe, where he will examine the newest finds of early man in several countries and visit the type sites of Neanderthal man. On November 8 he will read his address, following the award of the Huxley medal to him for important contributions to American anthropological science.

DR. ELLWOOD HENDRICK, curator of the Chandler chemical museum, Columbia University, who has been touring South Africa since June, expects to return to the United States at an early date.

DR. EDWARD J. MENGE, head of the department of biology and zoology at Marquette University, during

the past two months has been giving lectures before a number of South American universities, including the University of Cordoba in the Argentine, the University of Montevideo in Uruguay, the University of Chile in Santiago de Chile and the National Society of Medicine and Surgery in Rio de Janeiro, Brazil. Dr. Menge was inducted as a member of the National Society of Medicine and Surgery of South America, and was made an honorary professor of the University of Montevideo.

THE motor truck expedition to the Canadian Rockies, under the direction of Dr. Charles E. Resser and R. S. Bassler, has returned to Washington with data which will permit the editing for publication of the last work done by Dr. Charles D. Walcott, late secretary of the Smithsonian Institution, on the stratigraphy of the Rockies. Its purpose was to study and correlate the strata from one mountain range to another. The area worked by Dr. Walcott is bounded roughly by the Columbia Valley, Bow Valley and Kicking Horse Valley. With the information obtained this summer, Dr. Resser expects to complete for early publication Dr. Walcott's general account of all his work in the Canadian Rockies.

GEORGE PALMER PUTNAM, explorer and publisher, returned to New York on October 6 after a four months' exploration in Baffin Land.

DR. PAUL BARTSCH, professor of zoology at George Washington University, has returned to Washington after spending two weeks at the Tortugas studying the progress made in the hereditary problems which he is conducting upon mollusks.

PROFESSOR JOHN W. HARSHBERGER has returned from a collecting expedition in South America with five hundred dried specimens of South American plant life, which have been added to the University of Pennsylvania botanical collection. Duplicates have been sent to the New York Botanical Garden and the United States National Museum.

DR. ALEXIS CARREL, of the Rockefeller Institute for Medical Research, returned from his annual summer vacation in France on September 21.

SENATOR GUGLIELMO MARCONI, of Italy, has arrived in New York and will remain in the United States for two weeks to study the recent developments in radio made by American engineers.

PROFESSOR L. K. RAMZIN, director of the Thermo-technical Institute of Moscow, has arrived in the United States to make a study of American electric power stations.

DR. JOSEPH JASTROW, of the University of Wisconsin, will give a lecture at Columbia University on

November 14. Another psychological lecture will be given on November 21, when Dr. Stanton Coit, of England, will discuss the mentality of apes. Later Professor H. A. Overstreet, of the department of psychology in the College of the City of New York, will give a series of four lectures on psychology.

A MEMORIAL to Louis Agassiz Fuertes, lecturer in ornithology at Cornell University until his recent death, is being planned. The memorial will be a bird sanctuary at the head of the lake at Stewart Park, Ithaca. Plans for the development include transformation of the old Cascadilla boathouse into a museum or nature study center.

DR. SAMUEL GARMAN, of the museum of comparative zoology, Harvard University, known for his work in ichthyology and herpetology, died on September 30, aged eighty-four years.

DR. MARTIN S. BRENNAN, professor of astronomy and geology at the Kendrick Theological Seminary, St. Louis, died on October 3, at the age of eighty-two years.

DR. WARREN GARDNER BULLARD, professor of mathematics at Syracuse University, died on February 16, at the age of sixty years.

PROFESSOR GUGLIELMO MENGARINI, one of the founders of the Italian Electrotechnical Association, died recently in Rome.

THE meetings of the International Union of Scientific Radiotelegraphy (U. R. S. I.) opened in Washington on October 10. The discussion covered the work of the various branches of the Union since its last meeting in Brussels in 1922, and plans for future activities. Delegates from nine countries were to attend. A session with scientific papers, which was open to the public was held on October 13 at the building of the National Academy of Sciences.

THE administrative board of the American Engineering Council has been called to meet at York, Pa., on October 20. Sessions will last two days. The president of the council, Dean Dexter S. Kimball, of Cornell University, will preside.

WITH 400 delegates in attendance, representing 70 nations and 41 communication companies, the International Radiotelegraphic Conference of 1927 held its opening session at Washington on Tuesday of this week in the presence of a distinguished gathering. The fundamental purposes of the conference, as described by Mr. Hoover, who is presiding, are "to arrive at such modifications as may be necessary in our existing international treaties to promote the wider use, reduce the conflicts and stimulate the

further progress of radio in international communications."

THE twentieth annual Electrical and Industrial Exposition opened on October 12 at the Grand Central Palace, New York City.

THE semi-annual meeting of the Upper State Psychologists will be held at Colgate University on October 21 and 22. The second morning there will be a trip and special clinic at the Utica State Hospital for the Insane. Walter S. Hunter, professor of genetic psychology at Clark University, will be the main speaker.

THE New England conference of the American Association of Museums opened at the New Eastland Hotel, Portland, Maine, on October 6.

THE first meeting of the Johns Hopkins Medical Society for the academic year 1927-28 was held on October 10 in the auditorium of the school of hygiene. The meeting was dedicated to the memory of Lord Lister. There were to be several short talks on various phases of Lister's life and work, leading up to the principal address of the evening by Dr. John Stewart, professor of surgery, Dalhousie University Medical School, Halifax, Nova Scotia. Professor Stewart was senior house officer under Lister in London. Dr. W. G. MacCallum, who represented the National Academy at the Lister Centenary Celebration, described that celebration in one of the briefer talks. Dr. E. K. Marshall, Jr., spoke on Lister's contributions to physiology and Dr. W. W. Ford addressed the meeting on Lister's contributions to bacteriology.

AN International Physical Congress was recently held at Como, Italy. Among well-known scientific men who took part were Rutherford and Aston, of England; von Laue, Franck, Gerlach, Stern, Sommerfeld and Born, of Germany; Cabrera, of Spain; Bohr, of Denmark; Debye and Schrödinger, of Switzerland; Cotton, of France; Corbino, Majorana and Volterra, of Italy; McLennan, of Canada, and Langmuir, Millikan and Wood, of the United States. Topics dealt with included radioactive atoms and rays, molecular dissociation, magnetic susceptibility of alkaline vapors, magnetic properties of palladium and platinum, sound-waves of 300,000 cycles a second and cosmic rays.

THE Eighth International Horticultural Congress opened its first session on September 20 in Vienna, under the presidency of the Chancellor, Dr. Sepel. The meeting marked the one hundredth anniversary of the Austrian Horticultural Society. Sixteen countries were represented by 400 delegates, according to the London *Times*. Among the questions to be discussed at the congress were the conclusion of an inter-

national agreement on a uniform horticultural nomenclature and exact regulation of the naming of novelties (not newly discovered botanical species), with the introduction of national registers for such novelties; an international agreement on a uniform system of colors, and the necessity of affording legal protection for creators of floral varieties who, it is proposed, should be named for at least a period of three years whenever, in trade catalogues, mention is made of the novelty for which they are responsible.

THE first imperial agricultural research conference opened in London on October 1, with 170 representatives from all the Dominions of Great Britain, India and most of the colonies and dependencies. The conference is the outcome of last year's imperial conference and is primarily a business establishment and clearing house of information for coordination of the work of local research institutes.

AN International Congress of Hygiene will be held in Paris under the presidency of Professor Léon Bernard, from October 25 to 28. According to the *British Medical Journal* the following questions will be discussed: Relation of insurance to public health, introduced by Kuhn, of Copenhagen, Holtzmann, of Strasbourg, and Brian, of Paris; factors in the recrudescence of smallpox and the means of combating them, introduced by Ricardo Jorge, of Lisbon, Jitta, of the Hague, and Camus, of Paris; hygiene of education camps, introduced by Sacquépée, of Paris. Addresses will also be delivered by Professors Madsen and Ottolenghi.

THE Rockefeller school of biochemistry in the University of Oxford will be opened by the Right Hon. Viscount Cave, Lord Chancellor of England and Chancellor of the University, on October 21.

THE United States Civil Service Commission announces competitive examinations for chemical engineer at a salary of \$3,800; associate chemical engineer at a salary of \$3,000, and assistant chemical engineer at a salary of \$2,400, applications for which must be received not later than November 8. The duties of appointees will be in connection with original research and development, or design and construction that is being conducted by the different bureaus in chemical engineering.

THE new sixteen-room psychological laboratory at Colgate University has been opened. The laboratory is divided into two parts, the first being a main laboratory of ten rooms for general applied and industrial experiments, and a special sleep laboratory of six rooms located away from the noise of the campus.

THE committee on scientific research of the American Medical Association has made a grant of two

hundred and fifty dollars to Dr. Warren C. Hunter, of the department of pathology, University of Oregon, for further study of the problem of local cellular immunity in renal epithelium.

DEAN C. F. BAKER, of the College of Agriculture at Los Banos, Philippine Islands, who died about three months ago, has left to the National Museum his collection of insects and some manuscripts, as well as a card index of Indo-Malayan entomology up to date, including about 100,000 references. The collection comprises more than 1,450 schmitt boxes of mounted specimens, as well as a large amount of unmounted material.

ON September 24 fire destroyed the old Oak Hill club house situated on the site of the new men's college of the University of Rochester. The building had been abandoned preparatory to demolition, but the basement was being used for the storage of geological exhibition cases and specimens from the old geological museum on Prince Street. Three exhibition cases that had been placed on the first floor of the club house were burned. Four more exhibition cases and two hundred boxes of geological specimens in the basement were not harmed by the fire. The lowest layer of boxes were half submerged in water, however, and their contents were necessarily dried and repacked. The water did not injure the specimens or obliterate the labels. The cost of repacking the specimens and the loss of the three exhibition cases were covered by insurance. The material menaced by the fire was no part of Ward's Natural Science Establishment, which institution has become incorporated into the University of Rochester.

WE learn from the *Journal* of the American Medical Association that Dr. John Whitridge Williams, professor of obstetrics, the Johns Hopkins University School of Medicine, Baltimore, has announced that a birth control clinic, supported by prominent physicians and others, will be opened this fall or winter on Broadway near the Johns Hopkins Hospital. It will differ from birth control clinics in most places in that propaganda will not be dispensed, and persons will not be accepted unless sent to the clinic by a physician. It will be purely an association of medical men and will be operated by them. Dr. Bessie L. Moses will be in charge. Dr. Moses is a graduate of the Johns Hopkins and an extern at the Johns Hopkins Hospital and was formerly connected with the Woman's Hospital in Philadelphia. Among those interested besides Dr. Williams are Dr. William H. Howell, director, the Johns Hopkins School of Hygiene and Public Health; Dr. Adolf Meyer, professor of psychiatry, and Dr. Raymond Pearl, director of the institute for biological research.

THE Soviet Academy of Sciences has reported that it has discovered the resting place of a large meteorite, estimated to weigh nearly half a million tons, which fell in a remote district of Yenesei Province, Siberia, in the summer of 1908. The site of the fall occupies over a mile in diameter in almost inaccessible terrain in a marshy forest. The meteorite fell in pieces, so that the ground is pitted with deep funnels from 50 to 100 feet in diameter. The forest for over fifteen miles around the place was completely leveled and the fallen tree trunks scorched. The fall, nineteen years ago, was registered on the seismographs at Irkutsk, 900 miles away, and in the towns of Kirensk and Ilmsk, about 250 miles distant.

UNIVERSITY AND EDUCATIONAL NOTES

MISS GWENTHALYN JONES, of Chicago, has made a gift of \$200,000 for the endowment of a professorship in mathematical physics at Princeton University. The chair will be named after her uncle, Thomas D. Jones, of the Princeton class of 1876.

THE University of Chicago will receive \$750,000 for the establishment of a free school of mechanic arts by the will of the late Edward T. Jeffery, banker and railroad executive.

VANDERBILT HALL, the new dormitory of the Harvard Medical School which has just been completed, will be dedicated on October 14, when George E. Vincent, president of the Rockefeller Foundation, will deliver the principal address.

DR. WM. RANDOLPH TAYLOR has been promoted to a full professorship of botany at the University of Pennsylvania. He recently returned from a fourth trip devoted to a study of Alpine lakes in the high mountains of British Columbia, completing a group of observations on Alpine algae peculiar to such situations, which have not previously been studied in America.

JOSEPH B. REYNOLDS, associate professor of mathematics and astronomy at Lehigh University, has been promoted to be professor of mathematics and theoretical mechanics. Dr. Reynolds spent the academic year just past, on leave, studying at Princeton University.

IN the department of physics at New York University the following promotions and additions have been made: Dr. H. H. Sheldon, from associate to professor of physics; Dr. W. A. Schneider, from instructor to assistant professor; Roger Estey, from graduate assistant to instructor; Edward O. Salant will work as a National Research Fellow in the department of