

Dr. Lipman's work on the determination of the nature of the chemical action produced by bacteria in making both organic and inorganic components of soils available for plant food has been of great importance to agriculture all over the world.

He introduced certain conceptions in the field of soil bacteriological chemistry that have been shown to be fundamental in the practical handling of soils.

His researches on the utilization of nitrogen by plants, especially upon the soil reactions that influence the availability of nitrogen to plants, are outstanding contributions. His work in general on soil reactions that influence the availability of chemical elements essential to plant growth has led his researches into the study of the soil chemistry of sulphur, phosphorus, selenium, etc.

Dr. Lipman did noteworthy work on the problem of sweetening salt marshes. His chemical studies of the peat and muck deposits of New Jersey have enabled that state to develop a large commercial humus industry.

Dr. Lipman has stimulated investigations by others, and has made the New Jersey school one of the most important centers of research in the field of soil chemistry.

Dr. Lipman was born in what is now Latvia, in 1874, and came to the United States in 1888. His brother, Dr. Charles B. Lipman, is professor of plant physiology and dean of the Graduate Division of the University of California.

The Chandler Medal, awarded annually by Columbia University for conspicuous work in the field of chemistry, was established in honor of Professor Charles F. Chandler, a professor of chemistry at Columbia for more than half a century, and a founder of the American Chemical Society. The former Chandler medalists are: C. F. Chandler, L. H. Baekeland, W. F. Hillebrand, W. R. Whitney, R. E. Swain, E. F. Smith, E. C. Kendall, S. W. Parr, Moses Gomberg, J. A. Wilson, Irving Langmuir, James Bryant Conant, George O. Curme.

Members of the 1934 medal committee, in addition to Professor A. W. Hixson, are Dr. L. H. Baekeland and Professor Arthur W. Thomas.

SCIENTIFIC NOTES AND NEWS

THE hundredth anniversary of the birth of Samuel Pierpont Langley occurred on August 22. Before becoming secretary of the Smithsonian Institution, a position which he occupied from 1887 until his death in 1906, Dr. Langley had been for twenty years director of the Allegheny Observatory. In honor of the centenary a special volume of selections from Langley's writings, describing his most fundamental discoveries in the fields of aeronautics, astronomy, astrophysics and physics, has been prepared by Dr. Charles G. Abbot, secretary of the Smithsonian Institution, and formerly one of Dr. Langley's assistants.

DR. ISAIAH BOWMAN, secretary of the American Geographical Society and chairman of the National Research Council, gave the address of the president at the opening session of the International Geographic Congress, held at Warsaw, Poland, in August.

SIR RICHARD R. STAWELL, of Melbourne, Australia, was elected president for 1935-36 of the British Medical Association at the recent Bournemouth meeting. He succeeds Dr. Sydney Watson Smith, of Bournemouth. The meeting next year will be held in Melbourne.

DR. JOHN R. MOHLER, chief of the Bureau of Animal Industry of the Department of Agriculture, was elected president of the twelfth International Veterinary Congress, which opened in New York City on August 13. Dr. Mohler is vice-president of the permanent commission of the congress, of which Dr. E.

Leclainche, director of the International Bureau of Epizootics at Paris, is president. Other officers elected were: Dr. C. P. Fitch, of St. Paul, Minn., *first vice-president*; Dr. Adolph Eichhorn, of Pearl River, N. Y., *second vice-president*; Dr. C. J. Marshall, of Philadelphia, *third vice-president*; Dr. H. Preston Hoskins, of Chicago, *general secretary*.

THE American Veterinary Medical Association, which held its seventy-first annual convention in conjunction with the international gathering, elected Dr. Robert S. MacKellar, of New York City, president for the ensuing year to succeed Dr. C. P. Fitch, of St. Paul. Drs. G. A. Dick, of Pennsylvania; W. F. Guard, of Ohio; H. E. Curry, of Missouri; A. L. Mason, of the U. S. Army, and W. Wisnicky, of Wisconsin, were elected vice-presidents for one-year terms. Dr. M. Jacob, of Tennessee, was reelected treasurer.

DR. NORBERT KREBS, professor of geography at Berlin, has been elected a member of the Prussian Academy of Sciences.

PROFESSOR LUIGI DEVOTO, professor of industrial diseases at Milan, Professor Giuseppe Muscatello, professor of clinical surgery at Catania, and Professor Giunio Salvi, professor of human anatomy and rector of the University of Naples, have been elected members of the Italian Senate.

At the ninetieth annual commencement the University of Michigan conferred the honorary degree of

doctor of engineering upon Lyman Foote Morehouse for his contributions to the art of communication.

PROFESSOR WILLIAM R. WESTHAFFER, head of the department of physics and dean of the College of Wooster, has received the honorary degree of doctor of laws from the Ohio Wesleyan University.

DR. FRED H. ALBEE, professor of orthopedic surgery at the New York Post-Graduate Medical School, Columbia University, was presented with the New Jersey Distinguished Service Medal on August 16. Dr. Albee is chairman of the New Jersey Rehabilitation Commission, a post he has held since 1919. Because of his achievements in this capacity, the citation points out, "The state has excelled all others in its achievements for the amelioration of the unfortunate condition of the crippled."

PROFESSOR SAMUEL J. RECORD, of Yale University, has recently been honored through the naming of two genera of tropical trees: *Recordia boliviana* Moldenke and *Recordoxylon amazonicum* Duke.

DR. VERN O. KNUDSEN, chairman of the department of physics at the University of California at Los Angeles, has been appointed dean of the Graduate School.

DR. LUDWIG EDELSTEIN, formerly of the University of Berlin, has been appointed associate in the history of medicine at the Johns Hopkins University School of Medicine.

R. E. PRIESTLEY, geologist and explorer, fellow of Clare College, University of Cambridge, and secretary-general of the faculties of the university, has been appointed vice-chancellor of the University of Melbourne.

DR. HARRY LEE PARKER has resigned his post as associate professor of neurology in The Mayo Foundation and as consulting physician in the section of neurology of The Mayo Clinic, to return to Ireland, where he has been appointed chief of the staff of the Neurologic Institute of Southern Ireland and professor of neurology, in Trinity College, University of Dublin. Dr. Parker is a graduate of the University of Dublin and went to the Mayo Foundation in 1919.

DR. JAMES STEVENS SIMMONS, major in the Medical Corps, U. S. Army, who has been director of the department of preventive medicine and director of laboratories at the Army Medical School in Washington, has been transferred to duty as president of the newly organized Army Medical Research Board at Ancon, Canal Zone.

THORNDIKE SAVILLE, professor of hydraulic and sanitary engineering at New York University, has been appointed executive engineer of the water re-

sources investigation of the Federal Government. The investigations are being made by the National Resources Board to formulate a plan for the development of water resources over a period of years. Professor Saville is a member of the Federal Sanitary Commission at Washington.

J. S. LONG, since 1927 professor of chemistry at Lehigh University, has resigned to become the chemical director of Devoe and Raynolds Company, Inc., and its subsidiaries.

THE REV. FILIPPO SOCCORSI, S. J., has been appointed by Pope Pius XI director of the Radio Station at the Vatican, to succeed Father Gianfranceschi, who died on July 9.

DR. HERBERT S. JENNINGS, Henry Walters professor of zoology and director of the laboratory of zoology at the Johns Hopkins University, is spending the summer at the Hopkins Marine Biological Station, Pacific Grove, California.

DR. L. C. DUNN, professor of zoology at Columbia University, who has leave of absence for the coming year, sailed recently for Norway, where he will work at the University of Oslo.

DR. J. HORACE COULLIETTE, professor of physics, is returning to Birmingham-Southern College, after spending a year's leave of absence at Columbia University.

At the University of California leave of absence has been granted to: Frank Adams, professor of irrigation investigations and practice, from August 1 to January 31, 1935, and to H. R. Tolley, a director, Giannini Foundation of Agricultural Economics, now serving as assistant administrator, Agricultural Adjustment Act, Washington, D. C., from July 1 to July 31, 1935.

DR. VICTOR E. LEVINE, professor of biological chemistry and nutrition at Creighton University School of Medicine, and Charles W. Bauer, professor of chemistry at the School of Pharmacy, are spending four months in the Arctic in research among the Eskimo children. They are making physical measurements and studies in nutrition. An investigation will be made of the susceptibility of the Eskimo child to tuberculosis, diphtheria and scarlet fever.

ACCORDING to *Nature* the Mendeléeff Centenary Lecture, which was delivered before the Chemical Society at the Royal Institution on April 19 by Lord Rutherford, has been printed in the *Journal* of the society.

ACCORDING to *Industrial and Engineering Chemistry* the annual meeting of the American Institute of Chemical Engineers will be held in Pittsburgh on November 15, 16 and 17. On November 14 there will

be a meeting of the council. The Hotel Schenley has been selected as the convention headquarters. Webster N. Jones, director of the College of Engineering, of the Carnegie Institute of Technology, is chairman of the committee on arrangements. He will be assisted by the following committee chairmen: Raymond L. Abel, Harrison C. Bashious, J. H. James, Edward E. Marbaker, John T. Stearn, T. G. Timby, Mrs. Edward R. Weidlein and James H. Young.

THE fourteenth annual meeting of the Highway Research Board will be held in Washington, D. C., on December 6 and 7, in the building of the National Academy of Sciences and the National Research Council.

THE next general meeting of the International Astronomical Union, which is to be held in Paris in 1935, has been fixed for July 10 to July 17.

THE eleventh Prehistoric Congress of France will be held at Perigueux from September 16 to 22, under the presidency of Dr. Felix Regnault. The honorary general secretary and treasurer is M. Charles Schleicher. The principal sites of interest in the area will be visited and excavations demonstrated in the course of the meeting.

THE London *Times* reports that the members of the Ellesmere Land expedition arrived at Disko Bay, West Greenland, on August 5. They have been delayed by storms and head winds and the necessary precautions to avoid the loss of deck cargo. The expedition was organized by Dr. Edward Shackleton, and has the support of the University of Oxford, the Royal Geographical Society and the Canadian government. Dr. Noel Humphreys is the leader. Other members are Sergeant H. W. Stallworthy, Mr. A. W. Moore, Mr. Robert Benthall and Mr. D. Haig-Thomas. The chief objective is to make the first sledge journey across one of the glaciers of the United States Range into Grant Land, an unknown area to the north of Ellesmere Land, which is itself to the northwest of Greenland.

WORK is progressing rapidly on the library and the chemistry building at the University of Arkansas, Fayetteville, as well as on a building for the Medical School at Little Rock, the ground-breaking ceremonies being held on July 30. The cost of each of the three buildings approximates half a million dollars. Their erection at this time is made possible by a grant from the Federal Public Works Administration. It is expected that they will be completed in the late spring or early summer and ready for occupancy at the beginning of the school year in September, 1935.

THE department of geology and mineralogy of the

School of Mines and Metallurgy of the University of Missouri has been the recipient of a collection of rocks and minerals, collected by Harry G. Davis, of Clayton, Missouri. This collection was obtained through the efforts of one of the recent alumni, Albert E. Pessin (1932) and Dr. O. R. Grawe. The collection is made up of nearly one thousand specimens of rocks, minerals and ores from many of the important mining localities of the world, and includes a number of rare minerals.

AN Associated Press dispatch reports that the Federal Surplus Relief Corporation will spend about \$5,000,000 for recreational centers. Agents of the National Park Service are inspecting properties in many states and taking options where possible. The service is trying to obtain tracts in Georgia, Illinois, Indiana, Iowa, Kentucky, Maine, Massachusetts, Minnesota, Missouri, New Hampshire, North Dakota, Oklahoma, Pennsylvania, South Carolina and Virginia. When the land is bought members of the Civilian Conservation Corps and other relief workers will start building camps, trails and picnic grounds.

A NETHERLANDS institute for research on the characters of heredity in man and the biology of the races has been recently established. It is divided into three sections: (1) biogenealogy, (2) medical statistics on the examination of hereditary characters, and (3) anthropologic study on the biology of the races.

ACCORDING to the London *Times*, men distinguished in various branches of science have been nominated to act on the University of London Council for Psychological Investigation which has been formed to take over the work of the National Laboratory of Psychological Research. Although not officially connected with the university, the council has been chosen from professors and other members of the university who are interested in the scientific probing of alleged supernatural phenomena. The council members are: Dr. F. A. P. Aveling, assistant professor of psychology, University of London; Dr. Guy B. Brown; Dr. Cyril L. Burt, professor of psychology at University College; Professor J. C. Flugel; C. E. M. Joad, head of the department of philosophy and psychology at Birkbeck College; C. A. Mace; Professor J. MacMurray, Grote professor of the philosophy of the mind and logic since 1928; Dr. Eric D. Macnamara, physician to the West End Hospital for Nervous Diseases; S. G. Soal, the Rev. Professor E. S. Waterhouse, professor of the philosophy of religion, and Harry Price and Miss Ethel Beenham, secretary. Foreign correspondents representing seats of learning in most of the capitals of the world, including the British Dominions, have been nominated.