

ment of Agriculture. The purpose of the council is not to conduct research work itself, but to stimulate and to coordinate the efforts of all agencies in the Appalachian region engaged in forest research, and to advise them in the selection of the problems to be undertaken. The council will serve also as a connecting link between the technical forest research on the one hand and the public, wood-using industries and other interested agencies on the other.

Twenty-two individuals have been appointed on this council representing the universities and agricultural colleges in the region, state foresters, timberland owners and operators, forestry associations, lumber trade papers and the railroads.

Among those appointed by Secretary Gore are: Dr. W. J. Hutchins, president of Berea College; Dr. B. W. Kilgore, dean of the North Carolina Agricultural College; J. F. Lakin, president of the West Virginia State Board of Control; S. F. Horn, editor of the *Southern Lumberman*, and F. W. Besley, state forester of Maryland.

SCIENTIFIC NOTES AND NEWS

DR. AUGUSTUS TROWBRIDGE, professor of physics at Princeton University, has resigned to take the European directorship in pure science of the International Education Board.

DR. W. J. V. OSTERHOUT, professor of botany at Harvard University, gave the third William Thompson Sedgwick memorial lecture of the Massachusetts Institute of Technology on January 23. The subject of the lecture was "Some fundamental problems of cellular physiology."

PROFESSOR JEAN LOUIS FAURE has been elected a member of the French Academy of Medicine in the section of surgery.

PROFESSOR E. GOURSAT, of the faculty of science of the University of Paris, and Professor L. Bianchi, professor of analytical geometry in the University of Pisa, have been elected associates of the section of mathematical and physical science of the Belgian Royal Academy.

THE Huxley Memorial Medal for 1924 of the Royal Anthropological Institute was presented to Dr. René Verneau, of Paris, at a meeting of the institute held on November 25.

THE Foulerton Award of the Geologists' Association will be presented to A. L. Leach, honorary secretary of the association from 1913 to 1918, at the annual general meeting to be held next February.

DR. G. HABERLANDT, professor of plant physiology at the University of Berlin, celebrated his seventieth birthday on November 28.

DR. FRANZ MERTENS, emeritus professor of mathematics at the University of Vienna and corresponding member of the Academy of Sciences of Berlin, has celebrated the sixtieth anniversary of his doctorate.

DR. G. A. DEAN, professor of entomology at the Kansas State Agricultural College, was elected president of the Entomological Society of America at the recent Washington meeting.

DR. FREDERIC S. LEE, research professor of biology in Columbia University, has been reelected president of the board of managers of the New York Botanical Garden.

DEAN HUGO WINKENWERDER, of the college of forestry at the University of Washington, has been appointed chairman of the educational committee of the Society of American Foresters, in succession to Dr. H. S. Graves, of the Yale Forestry School.

PROFESSOR A. E. WHITE, of the Engineering College in the University of Michigan, has been appointed to a position on the research committee of the American Society of Mechanical Engineers.

At the annual meeting of the board of regents of the Smithsonian Institution, Senators Smoot and Pepper were appointed to fill the vacancies on the board caused by the death of Senator Lodge and the resignation of Senator McCormick.

THE Earl of Balfour, F.R.S., and the Right Hon. William Graham, LL.B., M.P., have been appointed into the vacancies in the membership of the Medical Research Council caused by the retirement of the Right Hon. Edward Wood and Mr. A. G. Church. Lord Balfour has accepted the chairmanship of the council.

DR. G. T. MORGAN, F.R.S., professor of chemistry in the University of Birmingham, has been appointed superintendent of the new chemical research laboratory of the Department of Scientific and Industrial Research at Teddington.

MURRAY MACGREGOR, district geologist, has been appointed assistant director of the Geological Survey in Scotland in succession to Dr. Walcot Gibson, who retired on January 3.

FOLLOWING the relinquishing by Dr. R. K. Young of his position in the Dominion Astrophysical Observatory at Victoria to become associate professor of astronomy in the University of Toronto, J. A. Pearce, fellow at the Lick Observatory, has been appointed astronomer at Victoria. Harold F. Balmer, demonstrator in astronomy at the University of Toronto, has been appointed assistant in the Lick Observatory.

W. J. GELDARD has resigned from the National Bureau of Standards to accept a position as director

of the division of control and testing of the Fisk Rubber Co., Chicopee Falls, Mass.

MARCUS A. GROSSMAN, formerly chief metallurgist of the Atlas Steel Co., New York, has been appointed director of research, United Alloy Steel Corporation, Ohio.

DR. EMIL G. SCHMIDT, Ph.D., Wisconsin ('24), has accepted a position as research chemist with the Commercial Solvents Corporation, Terre Haute, Indiana.

FRANKLIN B. HANLEY, instructor in geology at Washington University, St. Louis, has joined the staff of the McGraw-Hill Book Company, as traveling college representative.

DR. WILLIAM M. MANN returned recently from an extended trip, in the interests of the Federal Horticultural Board, to southern Europe where he investigated the distribution of the Mediterranean fruit fly.

A CORNELL UNIVERSITY faculty party consisting of Professor John H. Comstock, Mrs. Comstock and Professor Simon H. Gage, recently sailed from San Francisco aboard the *President Hayes*, bound on a trip around the world.

SIR DANIEL HALL, chief scientific adviser to the Ministry of Agriculture, England, sailed from Liverpool on January 10, for the United States, where he is going to consult with officials concerning matters connected with agriculture, particularly foot and mouth disease.

THE retiring president of the Philosophical Society of Washington, Dr. Daniel L. Hazard, of the United States Coast and Geodetic Survey, gave an address before the society on January 10, on "Terrestrial magnetism of the twentieth century."

DR. A. L. DAY, director of the Geophysical Laboratory and retiring president of the Washington Academy of Sciences, gave an address before the academy on January 13, on the subject of "The study of earth movements in California."

DR. WILLIAM J. GIES, professor of biochemistry at Columbia University, gave a lecture on "The teeth from the standpoint of a biochemist" at Jefferson Medical College on January 19.

DR. W. O. RICHTMANN, assistant professor of pharmacognosy and pharmacognist of the Pharmaceutical Experimental Station, Wisconsin, addressed the Chicago Branch of the American Pharmaceutical Association on January 9 on "Camphor."

DR. LAUGE KOCH, of the University of Copenhagen, gave a popular illustrated lecture, "Exploration in northernmost Greenland," before the Natural Science Society of Princeton University on the afternoon of

January 8. The same evening he lectured before the Geology Club of the university on "The geology of northwestern Greenland."

DR. C. A. SCHENCK, of Darmstadt, Germany, founder of the Biltmore Forestry School in North Carolina, spoke before the Massachusetts Forestry Association in Boston on January 17.

ON December 20, Dr. A. G. Huntsman, director of the Atlantic Marine Biological Stations, Halifax and St. Andrews, delivered an address to the Royal Canadian Institute on the subject "The ocean around Newfoundland."

PROFESSOR J. L. MYERS gave his presidential address before the Geological Association, meeting in London, on January 2, on a "Geological view of the historical methods in ethnology."

DR. DANIEL STROBEL MARTIN, formerly professor of geology at Rutgers Female College, New York, died on January 4, aged eighty-three years.

COLONEL MALCOLM CRUMP, geologist and for many years professor in Ogden College, died on January 14, aged seventy-five years.

RICHARD IRWIN LYNCH, who for forty years was curator of the University Botanic Garden, Cambridge, died on December 7, aged seventy-four years.

PROFESSOR FRANZ SCHRADER, formerly of the School of Anthropology in Paris, eminent French geographer, died recently in his eightieth year.

DR. ADOLF VON STRUEMPELL, senior member of the medical faculty of the University of Leipzig, died on January 9, aged seventy-one years.

DR. OTTO PUFÄHL, professor of metallurgy in the mining department of the Berlin Technische Hochschule, died on November 18, aged seventy years.

THE 195th meeting of the Washington Academy of Sciences was a joint meeting with the Anthropological Society, the Archeological Society and the Biological Society. It was held at the Carnegie Institution of Washington, on January 20. The program consisted of a symposium on: "The origin and evolution of man," with addresses by Dr. J. C. Merriam, of the Carnegie Institution, Dr. A. Schultz, of the Carnegie Institution, and Dr. A. Hrdlička, of the U. S. National Museum.

THE Physical Society of Pittsburgh has had recent lectures on "The Allegheny Observatory results on the shift of spectral lines predicted by the theory of relativity," by Dr. K. Burns; "Radium and radon," by Dr. C. Viol, and "The optical properties of metallic crystals," by Dr. L. P. Sieg. The officers of the society are: *President*, Dr. L. O. Grondahl; *vice-presi-*

dent, Dr. H. D. Curtis; *secretary-treasurer*, Dr. R. J. Piersol.

At a meeting of the Science Section of the Association of Colleges and Preparatory Schools of the Middle States and Maryland on November 28 and 29 the following officers were elected: *President*, W. B. Meldrum, professor of chemistry, Haverford College; *vice-president*, W. J. Hancock, Erasmus Hall High School, Brooklyn, N. Y.; *secretary-treasurer*, Miss Elizabeth W. Towe, the Baldwin School, Bryn Mawr, Pa.

FREE lectures and demonstrations are being given in the Central Display Greenhouse, at the New York Botanical Garden, as follows: January 3, "Christmas trees from other lands," Mr. K. R. Boynton; January 10, "Ferns of the tropics," Dr. M. A. Howe; January 17, "Illustrations of rare plants grown by the garden," Mr. K. R. Boynton; January 24, "Some plants concerned in the formation of coal," Dr. Arthur Hollick; January 31, "Variegated plants," Dr. A. B. Stout; February 7, "Cacti," Dr. J. K. Small; February 14, "House plants and their care," Mr. H. W. Becker; February 21, "Tropical orchids," Dr. H. A. Gleason; February 28, "The history and development of greenhouses," Dr. J. H. Barnhart.

It is announced by the secretary, Dr. Henri Abraham, that the International Physical Union will hold its next meetings at Brussels, in July.

MEASUREMENTS of natural light during the total eclipse of the sun, January 24, are to be taken by six coordinated expeditions of members of the Illuminating Engineering Society and members of Yale University and other laboratories. Each of the expeditions will attempt determinations during totality of the illumination produced by the sun's corona, of the brightness of the sky and the horizontal illumination at the point of observation. An expedition from the University of Toronto and the Toronto chapter of the Illuminating Engineering Society will make photometric measurements in the neighborhood of Hamilton, Ont., another expedition from Cornell University in the neighborhood of Ithaca, N. Y., and a third from Yale University in the vicinity of New Haven. Three expeditions from the Electrical Testing Laboratories of New York will take measurements in the neighborhood, respectively, of Newburgh, N. Y., Danbury, Conn., and Greenport, L. I.

THE Brigham Young University of Provo, Utah, has had turned over to it by the U. S. Forest Service 53 acres of land in the Wasatch National Forest which the institution will use for scientific study and experimental work in connection with its Alpine Sum-

mer School which is conducted for a period of six weeks each summer on Mt. Timpanogos at an elevation of nearly 7,000 feet. The land adjoins a tract owned by the university on which dormitories, dining-halls and similar buildings were erected two years ago.

THE library and collection of plants belonging to Mr. J. P. Anderson, Juneau, Alaska, were totally destroyed by fire on November 12, 1924. Mr. Anderson is a student of the Alaskan flora, and he had in preparation an account of the rusts of that region.

THE Rockefeller Foundation has appropriated \$350,000 to help finance the new abstract journal, *International Biological Abstracts*, which is to give monthly abstracts of all publications in the fields of botany, zoology, bacteriology and related subjects. This sum will take care of editorial and office expenses for ten years, so that subscriptions will need to support only the actual costs of printing and distribution. Publication will begin in January, 1926.

DR. CHARLES H. MAYO has given money to endow a lectureship in surgery at Northwestern University Medical School.

J. J. LISTER has presented to the University of Glasgow the microscope used throughout his life by his uncle, Lord Lister, together with a number of auxiliary appliances and mounted preparations. The relics will be placed, with the microscope of William Hunter, in the Hunterian Museum.

THE London *Times* states that after a long discussion the Swedish Academy of Sciences has decided not to award the Nobel Prizes for chemistry and physics for 1924, but to reserve them another year.

At a recent meeting of the Industrial Research Council of Canada, held at Ottawa, the question of a national research laboratory at Ottawa was discussed, and the announcement made that some action would be taken at the coming session of Parliament toward securing a grant for that purpose. This is held to be most essential to the work of the council. During the session of 1921 a bill providing for such an institution was passed by the Commons, but was rejected by the Senate.

At a meeting of the Royal College of Physicians held on October 30, it was moved for the first time that an alteration in the by-laws be made so as to make it possible for women to be elected to the fellowship. This alteration was approved, but will have to be brought before another meeting of the college before it can be ratified.

AN endowment of \$400,000, the largest ever bestowed upon the University of Michigan for purposes

of medical research, has been given to the board of regents by Mrs. Christina MacDonald Simpson, widow of the late Thomas H. Simpson, Detroit manufacturer. The endowment is to be known as "The Thomas Henry Simpson Memorial Institute for Medical Research." The letter of presentation sets forth that \$150,000 of the gift shall be devoted to the erection of a building for medical research in conjunction with the university. The remainder is to be invested in securities, the income of which is to be used for payment of salaries of medical and scientific directors and their assistants in the conducting of the research. Mrs. Simpson asks that the research work be devoted primarily to the study of pernicious anemia, the disease of which her husband died.

ANNOUNCEMENT has been made by Dr. Jacob Diner of plans to establish in New York City a national academy of pharmacy, similar to the Academy of Medicine, where pharmacy will be given the dignity of educational and ethical standards it is entitled to enjoy as a specialized branch of medicine. Dr. Diner says: "The new building will have a library to which pharmacists may go for information obtained from books not owned by most pharmacists. The library will be in charge of competent persons who will assist in getting the desired information. There will be magazines of interest to the profession. Scientific lectures by pharmacists of note will be given, and there also will be public lectures on hygiene and sanitation and the use and abuse of drugs. Persons desiring information can telephone the library with certainty of obtaining reliable information. Since the law officially recognizes pharmacy as a profession, the members of the profession feel that those who are unqualified and who do not think of public service should be driven from the profession."

IN connection with the new engineering building at the University of Michigan, the department is engaging upon an extensive study of the fundamental properties of cast irons, utilizing the foundry, metallurgical and chemical laboratory facilities provided in the structure. According to *Chemical and Metallurgical Engineering*, the progress made up to the present time indicates that important results will be derived in the endeavor to determine which basic properties are responsible for the different and decided variations in the strength of cast iron. The equipment in the engineering building is suitable for carrying through investigations and experiments in the line of erosion and corrosion resisting cast irons; heat resisting cast irons; malleable cast irons; measurement of melting and pouring temperatures; cupola practice; molding sands; facing sands, and the like. In addition, facilities are available for undertaking investigations on core oils and core binders in general. Along the lat-

ter lines, some preliminary research has been made with regard to the properties of commercial core oils, and a definite program is being developed for this work to ascertain a standard test procedure for determining the qualities of same. It is purposed to raise a sufficient fund to carry out this work.

UNIVERSITY AND EDUCATIONAL NOTES

THE General Education Board has contributed \$2,000,000 to the endowment of the University of Chicago, on condition that the university raise \$4,000,000 additional for the same purpose.

NORTHWESTERN UNIVERSITY has received gifts of \$675,000 from anonymous donors. The university embarked in 1920 on a campaign to raise in a ten-year period \$25,000,000.

A FERTILIZER school has been opened at Texarkana, Tex., under the direction of experts of the Texas Agricultural and Mechanical College and from the College of Agriculture of the University of Arkansas, Fayetteville, Ark. The initial attendance totals 300 persons from the border counties of the states of Texas and Arkansas.

PROFESSOR KARL T. COMPTON, whose appointment to the department of physics at the University of Chicago was announced in *SCIENCE* last spring, has been released from the appointment, owing to the situation created in Princeton University by the resignation of Professor Trowbridge, and will continue his work of directing research in physics at Princeton. Professor W. F. Magie has resigned from his position as dean of the faculty and will continue his active work as head of the department of physics. Professor Howard McClenahan, who has been dean of the college, has been granted leave of absence from Princeton University for the coming year, and will, on his return, resume his work in the departments of physics and electrical engineering.

DR. E. D. FRIEDMAN, who is attached to the staff of Bellevue and Mt. Sinai hospitals, has been appointed clinical professor of neurology in the medical department of New York University.

DR. FRANKLIN G. EBAUGH, director of the department of neuropsychiatry at the Philadelphia General Hospital, has resigned to accept a position as professor of psychiatry at the University of Colorado, and director of the Colorado Psychopathic Hospital, Denver.

P. F. SHANNON, division superintendent for the Mutual Oil Company, has accepted a position as as-