

activities of the American Expeditionary Forces.

Gilbert N. Lewis, lieutenant colonel, C. W. S. Secured first-hand data in uses and effects of gas and submitted reports of such value that they became fundamentals upon gas warfare policies of the American Expeditionary Forces. As chief of the Defense Division, he was instrumental in securing more effective gas production, especially mustard gas.

Augustin M. Prentiss, major, General Staff Corps, then major, C. W. S. Knowledge of supplies and material, proper choice of gases, gas shells and other materials used by gas troops and artillery.

John W. N. Schulz, colonel, Corps of Engineers, representative, C. W. S., at general headquarters. Service in the solution of many problems relating to the offensive use of gas and also in planning more effective method for issuance of equipment and training in gas warfare. Later, as chief gas officer of First Army, had entire responsibility of gas warfare in that army during St. Mihiel and Meuse-Argonne offensives.

Richmond Mayo-Smith, lieutenant colonel, C. W. S., chief of Supply Section. Built and administered supply organization consisting of twelve seaport, intermediate and front-line depots, which fully met at all times the demands of chemical warfare supplies which active operations brought upon the service.

Joaquin E. Zanetti, lieutenant colonel, C. W. S., chief liaison officer, C. W. S., with French forces. Familiarity with French language and methods and superior technical ability enabled him to gather an enormous amount of detailed information concerning the manufacture, handling and use of gases.

SCIENTIFIC NOTES AND NEWS

PROFESSOR ALBERT EINSTEIN, of the University of Berlin, has been elected a member of the Russian Academy of Science.

THE Accademia dei Lincei has elected as foreign members the mathematicians Professors E. T. Whittaker of the University of Edinburgh and E. Landau of the University of Göttingen.

THE Indian Mathematical Society has elected to honorary membership Professor G. A. Müller, of the University of Illinois.

At the meeting of the Royal Geographical Society on December 11, the French ambassador, on behalf of the Société de Géographie of Paris, presented a gold medal to Professor

J. W. Gregory for his geographical work in East Africa. Professor Gregory afterwards read a paper on the results of his recent journey in the mountains of Chinese Tibet.

PROFESSOR FREDERIC S. LEE, of Columbia University, has been elected president of the New York Botanical Garden.

At the Toronto meeting of the American Biochemical Society officers for 1923 were elected as follows: *President*, Professor Philip A. Schaffer, Washington University; *vice-president*, Professor H. C. Sherman, Columbia University; *secretary*, Dr. Victor C. Myers, New York Medical School, and *treasurer*, Dr. W. R. Bloor, Rochester.

At the fourteenth meeting of the Paleontological Society held at Ann Arbor on December 29 and 30, in affiliation with the Geological Society of America, the balloting for officers resulted as follows: *President*, T. W. Vaughan, Washington, D. C.; *vice-presidents*, W. A. Parks, Toronto, Ontario, W. H. Twenhofel, Madison, Wis., and O. P. Hay, Washington, D. C.; *secretary*, R. S. Bassler, Washington, D. C.; *treasurer*, R. S. Lull, New Haven, Conn.; *editor*, Walter Granger, New York City. Twenty-five papers covering the various sections of paleontology were presented and discussed and fourteen new members were elected, making the total membership of the society at the end of 1922 as 228.

THE Potato Association of America has elected Dr. W. H. Martin, of the New Jersey Experiment Station, as its president; G. C. Cunningham, of the Dominion Department of Agriculture, vice-president, and William Stuart, of the U. S. Department of Agriculture, secretary-treasurer.

DR. EUGENE L. OPIE, professor of pathology at Washington University School of Medicine, has been awarded a fund of \$3,000, by the National Tuberculosis Association of New York City, for the further development of his work on tuberculosis.

DR. IRA N. HOLLIS, president of Worcester Polytechnic Institute, has retired as a member of the council of the American Society of Mechanical Engineers. Dr. Hollis, who has just completed six years of service, one as president and five as past president, is suc-

ceeded by Dean Dexter S. Kimball, of Cornell University.

OWING to his appointment as British ambassador at Paris, Lord Crewe, who recently accepted the presidency of the British Science Guild, has had to withdraw from this office, but has become a vice-president of the guild and also a member of the committee being formed to make a special appeal for adequate funds to maintain and extend the activities of the guild on behalf of British science. Lord Askwith has consented to accept the presidency of the guild and the lord mayor of London has become a vice-president.

PROFESSOR S. WINOGRADSKY, former director of the imperial institute for experimental medicine in Petrograd, has been appointed chief of a newly organized division of soil microbiology at the Pasteur Institute.

DR. GABRIEL MALDA, head of the national public health department of Mexico, has been appointed vice-president of the National Academy of Medicine.

JOHN OLIVER LA GORCE, associate editor of the *National Geographic Magazine* and trustee of the National Geographic Society, has been elected a vice-president of the society. Mr. La Gorce has been associated with the National Geographic Society since 1905 and has traveled extensively abroad in its interests.

DR. N. H. DARTON, of the U. S. Geological Survey, has returned to Washington after nearly two years' field work completing the geologic map of Arizona for the State Bureau of Mines. While in Arizona the State University conferred on Mr. Darton the honorary degree of doctor of science in recognition of his work on the geology of the southwest.

JOHN F. WORLEY, professor of transportation engineering at the University of Michigan, at a salary less than \$5,000, has refused a salary of \$25,000 with a large manufacturing concern.

DR. GEORGE H. KIRBY, professor of psychiatry at the Cornell Medical College, has been elected the first president of the recently organized New York Society for Clinical Psychiatry.

THE section on general medicine of the Col-

lege of Physicians of Philadelphia have elected the following officers for 1923; Dr. Herman B. Allyn, *chairman*, and Dr. Edward J. G. Beardsley, *clerk*. The executive committee of the section, as appointed by the president of the college, consists of Dr. David Hiesman, *chairman*, Oliver H. Perry Pepper and Dr. John H. Musser, Jr.

THE first of the annual series of lectures by the Omega Chapter of the Society of Sigma Xi of Ohio State University was held on October 15, the lecture being delivered by Mr. Thomas Midgeley, Jr., and T. E. Boyd, fuel engineers of the General Motors Research Corporation, upon the subject, "The chemical control of gaseous detonation." The new officers of the Omega Chapter for the current year are James R. Withrow, professor of industrial chemistry, *president*; Edward Mack, assistant professor of physical chemistry, *secretary*; and Thomas Phillips, professor of agricultural chemistry, *treasurer*.

AT a meeting of the Western Society of Engineers held on January 5 in Chicago, Dr. C. A. Kofoed, professor of zoology in the University of California, gave an address on "Preventive medicine and sanitation in relation to human efficiency." In addition, two films were shown: "Unhooking the Hookworm" and "Exit Ascaris," loaned for the occasion by the Rockefeller Foundation and the U. S. Department of Agriculture, respectively.

DR. W. J. HUMPHREYS, as retiring president of the Washington Academy of Sciences, gave an address, on January 9, at the Carnegie Institution, on "The murmur of the forest and the roar of the mountain," in which he discussed several peculiarities of mountain meteorology.

DR. H. W. WILEY, director of the Bureau of Foods, Sanitation and Health of *Good Housekeeping*, gave an address before the American Academy of Applied Dental Science at the annual meeting at Miami, Florida, on January 10, on the "Prophylactic and therapeutic properties of foods."

THE one hundredth anniversary of Pasteur's birth is commemorated in New York at the Academy of Medicine by an exhibit showing the advances in medicine and surgery due to

him; the American Museum of Natural History typified by its exhibit the debt which science in general owes to him. There will be a meeting held at the Town Hall, 121 West Forty-third Street, on Sunday evening, January 28, 1923, at 8:15, when the ambassador of France will preside. The speakers and their topics will be Dr. Nicholas Murray Butler, "Pasteur as an educator, patriot and humanitarian"; Dr. John Huston Finley, "The debt of industry and science to Pasteur," and Dr. George David Stewart, president of the Academy of Medicine, "What medicine and surgery owe to Pasteur." No charge will be made for admission and the public is invited to attend.

ON December 19 and 20, Marquette University celebrated the Pasteur-Mendel centenary. The first day two lectures were delivered by Professors Loez and Guyer, of Northwestern University and the University of Wisconsin, respectively. The following day lectures were given to the students by members of the faculty dealing with the various aspects of the lives of Pasteur and Mendel. In the evening a banquet was held at the Hotel Pfister, at which time Dr. Joseph Jastrow spoke on mental heredity. The university plans to have the various speeches incorporated in a small volume for distribution.

MR. EDWARD DEGEN, sometime of the staff of the British Museum and the Melbourne Museum, died on December 10, aged seventy years.

THE Marquis of Cerralbo, well known for his achievements in the field of prehistoric research in Spain, has died at the age of seventy-seven years.

PROFESSOR L. L. THURSTONE, head of the department of education and psychology at Carnegie Institute of Technology, Pittsburgh, has been appointed director of research in charge of the Bureau of Personnel Service. The bureau is to be affiliated with the Institute of Government Research, and has been privately endowed subsequent to appeals for its establishment from the United States Civil Service Commission. An advisory board of five members of the national civil service commissions will supervise the operation of the bureau. Mr. Thurstone and his associates will immediately

take up the study of the selection, transfer and promotion on a basis of merit of all public service employees; classification of the positions in public service; methods of rating efficiency; reorganization of training courses for federal employees; recommendation of postal clerk and carrier tests; organization and procedure of district offices of the Civil Service Commission, and various other personnel problems outlined by the advisory board. Its field of work covers investigations of state and municipal employee problems in addition to those of the federal service.

THE work of the American Scenic and Historic Preservation Society during the past year was reviewed by Dr. George F. Kunz, its president, at the twenty-eighth annual meeting of the society held at the American Museum of Natural History on January 5. The business meeting was followed by a lecture given under the joint auspices of the society and the museum by Carl E. Akeley on "Beautiful Africa." Dr. Kunz referred briefly to the administration by the society of six state properties—Phillipse Manor Hall, at Yonkers; Stony Point battlefield; John Boyd Thacher Park, west of Albany; Fort Brewerton Reservation, at the foot of Oneida Lake; Battle Island Park, on the Oswego River, and Letchworth Park, on the Genesee River. Plans for the utilization of Diamond Island, at Lake George, which was bequeathed to the society by Mrs. George Foster Peabody, are being made by a committee of which Charles J. Peabody is chairman and George Foster Peabody is one of the members.

DR. FOREST B. H. BROWN, botanist of Bishop Museum, and Dr. Elizabeth Brown, research associate in botany, have recently returned from the Marquesas Islands, where two years have been spent as members of the Bayard Dominick Expedition. All inhabited islands of the group were visited with a view to a thorough survey of the flora. Much new information has been obtained bearing on the geological history of the Pacific insular flora and a study of the food, ceremonial and medicinal plants has thrown new light on the migrations of the Marquesans and of other branches of the Polynesian races. Mrs. Brown gave special attention to the remarkably rich Cryptogamic flora.

THE Swedish government has appropriated 60,000 crowns toward the expenses of Dr. H. Lundborg's Institute for Biologic Research on Heredity and Racial Characteristics at Uppsala. Dr. Halkrantz has been appointed professor of research on heredity, and Dr. Nillsson-Ehle, professor of statistics. An experimental section for biopathology is planned, and a museum for the collection of data on hereditary factors.

THE Stanford University Medical School announces the forty-first course of popular medical lectures as follows: January 12, "Building up resistance to disease: an individual and a community problem," Dr. Philip King Brown; January 26, "Gifted children," Dr. Lewis M. Terman, professor of psychology, Stanford University; February 9, "The problem of the delinquent child," Mr. J. C. Astredo, chief probation officer of the juvenile court; February 23, "The care of the dependent child," Miss Katherine Felton, general secretary, Associated Charities; March 9, "Modern views on dental hygiene in childhood," Dr. Guy S. Millberry, dean of the College of Dentistry, University of California Medical School; March 23, San Francisco's health program for children: "The medical aspects," Dr. William C. Hassler, health officer, San Francisco; "The educational aspects," Mrs. C. W. Hetherington, director of health education, Board of Education.

UNIVERSITY AND EDUCATIONAL NOTES

PRINCETON UNIVERSITY has received a gift of \$100,000 from Henry Lane Eno, research associate in psychology, and \$25,000 from an unnamed alumnus, for the construction of a psychological laboratory.

By the will of the late William G. Vincent, a fund of \$60,000 for establishing a chair of tropical disease at Tulane University of Louisiana School of Medicine, New Orleans, will eventually be available; also, \$30,000 for the erection of an isolation building for the Charity Hospital, New Orleans.

ON the night of December 16 Robinson Hall, the main recitation building of Albion College, Albion, Mich., was almost totally destroyed by fire. The biological equipment and natural history museum suffered practically

a complete loss. The department of biology is temporarily housed in the chemical laboratory. Plans are being made to arrange new quarters for the department to be in readiness for occupation early next fall.

DR. M. A. BRANNON, president of Beloit College, formerly professor of biology at the University of North Dakota, has become chancellor of the University of Montana.

WILLIAM MAYO NEWHALL, of San Francisco, and Herbert Hoover, whose home is on the Stanford campus, have been reelected members of the board of trustees of Stanford University to succeed themselves. The Stanford trustees are elected for ten-year terms. Mr. Newhall was also reelected to the presidency of the board.

DR. A. J. GOLDFARB has been promoted to be associate professor at the College of the City of New York.

DR. SAMUEL R. DETWILER, who for the past three years has been an associate in anatomy at the Pekin Union Medical College in China, which is under the management of the Rockefeller Foundation, has been appointed assistant professor of zoology at Harvard University, to serve during the second half of the current year. Before going to China, Dr. Detwiler was an instructor in zoology at Yale.

DR. HANS ZINSSER, since 1913 professor of bacteriology at Columbia University and bacteriologist of the Presbyterian Hospital, has been elected as professor of bacteriology and immunology in the Harvard Medical School. Dr. Zinsser, who holds the bachelor and master degrees from Columbia University, as well as the doctorate in medicine (1903), will assume the work in Boston in the autumn.

DISCUSSION AND CORRESPONDENCE

THE PROPOSED ROOSEVELT-SEQUOIA NATIONAL PARK AND THE BARBOUR BILL

IN SCIENCE for December 22, 1922, on pages 705 to 707, appears an article by Dr. W. G. Van Name headed "A Menace to the National Parks." Those who are familiar with the active campaign which Dr. Van Name has