

*H—Anthropology*: R. J. Terry, Washington University.  
*I—Psychology*: Knight Dunlap, Johns Hopkins University.

*K—Social and Economic Sciences*: W. S. Leathers, Vanderbilt University.

*L—Historical and Philological Sciences*: Harry Elmer Barnes, Smith College.

*M—Engineering*: A. N. Talbot, University of Illinois.

*N—Medical Sciences*: G. Canby Robinson, Vanderbilt University.

*O—Agriculture*: L. E. Call, Kansas State Agricultural College.

*Q—Education*: A. I. Gates, Teachers College, Columbia University.

#### *Members of the Council*

David White, Smithsonian Institution.

L. E. Dickson, University of Chicago.

#### *Members of the Executive Committee*

J. McKeen Cattell, New York.

H. B. Ward, University of Illinois.

#### *Member of the Finance Committee*

Herbert Gill, Washington.

#### *Members of the Committee on Grants*

W. Lash Miller, University of Toronto.

Oswald Veblen, Princeton University.

#### *Trustee of Science Service*

D. T. MacDougal, Desert Laboratory, Carnegie Institution.

### SCIENTIFIC NOTES AND NEWS

THE prize of the American Association for the Advancement of Science was presented to Professor G. D. Birkhoff, of Harvard University, for his vice-presidential address entitled "A Mathematical Critique of Some Physical Theories."

SCIENTIFIC societies meeting in Philadelphia in association with the American Association for the Advancement of Science report the election of presidents as follows: *The American Mathematical Society*, Dr. Virgil Snyder, of Cornell University; *The American Physical Society*, Dr. Karl T. Compton, professor of physics at Princeton University; *The American Society of Zoologists*, Dr. S. J. Holmes, professor of zoology at the University of California; *Society of American Bacteriologists*, Dr. Robert S. Breed, professor of dairy bacteriology at Cornell University and bacteriologist of the Experiment Station at Geneva, N. Y.; *The American Anthropological Association*, Dr. Marshall A. Saville, director of the Heye Museum, New York City; *The American Psychological Association*, Dr. H. L. Hollingworth, professor of psychology, Barnard College, Columbia University.

At the annual meeting of the Board of Directors of the Psychological Corporation, held in its offices at the Grand Central Terminal on December 2, officers were elected as follows: *President*, Walter V. Bingham; *First vice-president*, Walter Dill Scott; *Second vice-president*, Lewis M. Terman; *Chairman of the board*, J. McKeen Cattell; *Secretary and treasurer*, Paul S. Achilles; *Assistant secretary*, Elsie O. Bregman.

DR. J. J. R. MACLEOD, professor of physiology at the University of Toronto, and Dr. E. G. Martin, professor of physiology at Stanford University, will exchange courses during the months of January, February and March, Professor Macleod going to Stanford and Professor Martin to Toronto.

PROFESSOR J. H. PRIESTLEY, of the department of botany in the University of Leeds, will give a course of post-graduate lectures and demonstrations to students of the departments of botany and biochemistry of the University of California during the spring of next year. Professor H. H. Dixon, of Trinity College, Dublin, has been invited to lecture at the university during the summer months of 1927.

DR. ROGER ADAMS, head of the department of chemistry in the University of Illinois, has been awarded the Nichols medal in chemistry of the New York Section of the American Chemical Society, for his work on the Acids of Chaulmoogra Oil in the Treatment of Leprosy.

THE committee on awards of the American Society of Mechanical Engineers has nominated Wilfred Lewis as the medalist for 1927 for his contributions of research and analysis to the problem of gearing.

THE faculty of medicine at the University of Toronto has awarded the Charles Mickle Fellowship for 1926-1927 to Dr. and Mrs. George F. Dick, Chicago.

PROFESSOR W. H. HOFFMANN, of the Finlay Laboratory, Havana, has been awarded the medal "Bene Merenti" and diploma of the International Exhibition, section of tropical medicine, Rome, 1925.

THE Longstaff medal of the British Chemical Society has been awarded to Professor Robert Robinson, F.R.S., of the University of Manchester, for his "distinguished researches in organic chemistry." The Harrison memorial prize of the society was awarded to Dr. Charles Robert Harington, of University College, London. The presentation of the medal and of the prize will take place at the annual general meeting of the society on March 24.

THE gold medal of the Royal Society of Medicine was presented to Professor J. S. Haldane, director

of the Mining Research Laboratory and honorary professor in the University of Birmingham, on the occasion of the annual dinner of the society held on November 19. The medal was first awarded in 1920, to Sir Almroth E. Wright, and again in 1923, to Sir Frederick Gowland Hopkins.

THE council of the Physical Society of London has awarded the fourth Duddell medal for meritorious work on scientific instruments and materials to F. Twyman, F.R.S., managing and technical director of the firm of Adam Hilger.

THE Bavarian Academy of Sciences has elected as corresponding members Professor Harald Bohr, of the Copenhagen Technical Institute, and Professor Niels Bohr, of the University of Copenhagen.

SIR ARTHUR KEITH and Mr. C. R. Peers have been elected honorary members of the Yorkshire Philosophical Society.

SIR JOSEPH THOMSON was entertained at a dinner in his honor held in Cambridge, England, on the occasion of his seventieth birthday on December 18.

A DINNER in honor of Dr. Lightner Witmer, founder of the psychological clinic of the University of Pennsylvania, was held on December 30 at the Hotel Pennsylvania, Philadelphia, marking the thirtieth anniversary of the founding of the clinic.

ASSOCIATES and friends gave a dinner in honor of Dr. Francis X. Dercum, for many years professor of nervous diseases of Jefferson Medical College, on December 11. Dr. Dercum celebrated his seventieth birthday last summer.

THE officers and council of the Medical Society of the State of New York will tender a testimonial dinner at the Waldorf-Astoria on January 27 in honor of Dr. Wendell C. Phillips, president of the American Medical Association, in recognition of his services to organized medicine.

FRANCIS E. LLOYD, MacDonald professor of botany at McGill University, has been elected president of the American Society of Plant Physiologists.

DR. CHARLES MACFIE CAMPBELL, professor of psychiatry at the Harvard Medical School, has been elected president of the Massachusetts Society for Mental Hygiene and Dr. Charles E. Thompson has been elected secretary.

PROFESSOR LEIGH J. YOUNG, of the department of forestry at the University of Michigan, has been appointed director of the State Conservation Department.

AT Yale University Dr. Malcolm R. Thorpe has been appointed curator of vertebrate paleontology in

the Peabody Museum, and Professor George E. Nichols has been appointed director of the Marsh Botanical Garden.

DR. HENRY C. SCHUMACHER has been appointed director of the permanent Cleveland Child Guidance Clinic, which began operation on January 1, when the present Child Guidance Clinic demonstration in Cleveland closed. The position of psychiatrist which he vacates at the All-Philadelphia Child Guidance Clinic will be filled by Dr. Harry M. Tiebout, who has been on the staff of the Cleveland Demonstration Clinic.

DR. PAUL M. GIESY, until recently director of the Brooklyn research laboratories of E. R. Squibb and Sons, has resigned to engage in consulting practice, handling chemical and pharmaceutical work, in New York City.

BRIAN MEAD, of the research laboratory of applied chemistry at the Massachusetts Institute of Technology, has been appointed to a position on the research staff of the Humble Oil and Refining Company at Baytown, Texas.

EUGENE VAN CLEEF, of the department of geography at the Ohio State University, has been appointed acting chairman for the period from January 1 to October 1, 1927, during which time C. C. Huntington, present chairman, will be on leave.

DR. ALFRED N. RICHARDS, professor of pharmacology at the University of Pennsylvania, has been granted a year's leave of absence to study abroad, and is now at the National Institute for Medical Research, London.

DR. DAVID FAIRCHILD, of the U. S. Bureau of Plant Industry, left New York on December 9 for Gibraltar. The latter part of December he planned to leave Gibraltar for the west coast of Africa, where he will continue his collection and study of seeds and plants for the bureau.

DR. WILLIAM BEEBE, naturalist and explorer, sailed on December 28 for Haiti, heading the tenth expedition of the department of tropical research of the New York Zoological Society.

To continue his Arctic exploration where he left off last spring, Captain George H. Wilkins plans to leave Seattle for the north on February 12. Two airplanes, *The Alaskan* and *The Detroiter*, are stored at Fairbanks.

DR. FREDERICK P. GAY, professor of bacteriology, who is on a year's sabbatical leave, is delivering courses of lectures on the "Fundamental Factors of Immunity in the Communicable Diseases" at the Uni-

versities of Brussels, Ghent, Liège and Louvain, as American visiting professor to Belgium under the auspices of the commission for relief of the Belgium Educational Foundation.

ON December 11 Professor E. C. Jeffrey, of the botanical laboratories of Harvard University, delivered an address to the Royal Canadian Institute on the subject "New Lights on Evolution."

DR. ELIOT BLACKWELDER, professor of geology in Stanford University, delivered two lectures at the School of Mines and Metallurgy at Rolla, Mo., on December 16 and 17.

DR. HAVEN EMERSON, of the College of Physicians and Surgeons, New York, presented a report on tuberculosis in Boston at a special meeting of the Boston Health League on December 17. Dr. Emerson recently conducted a study in Boston at the request of the mayor.

DR. ALLEN O. WHIPPLE, professor of surgery in the College of Physicians and Surgeons, Columbia University, addressed the Orleans Parish Medical Society on December 13, giving the first memorial annual lecture established by the society in honor of the late Dr. Stanford E. Chaille, for many years dean of the Tulane University School of Medicine.

DR. ALFRED ADLER, of Vienna, gave a series of three lectures on December 13, 14 and 15 in the Community Auditorium, New York, on "Individual Psychology in Theory and Practice."

DR. ALBERT EINSTEIN, professor of physics at the University of Berlin, recently gave a course of lectures at the University of Leiden.

THE Huxley lecture at the University of Birmingham is to be delivered by Professor Elliot Smith on February 1, 1927.

THE Wilbur Wright memorial lecture of the Royal Aeronautical Society will be given next May by Professor Ludwig Prandtl, of the University of Göttingen.

THE senior class of the medical school at the University of Pennsylvania presented a portrait of the late Dr. Allen J. Smith to the university at a meeting in the medical laboratory on December 17. Dr. Smith was at one time dean of the medical school.

A PAINTING of Walter Reed has been unveiled at the George Washington University Medical School. Walter Reed, known for work in connection with the conquering of yellow fever, was at the time of these discoveries a member of the faculty of the George Washington University Medical School.

LOUIS SIFF, professor of mathematics at Louisville

University, Kentucky, died by suicide on December 25. Professor Siff was fifty-seven years old.

DR. HENRY GUSTAV MAY, professor of bacteriology and chief of the division of animal breeding and pathology of the Rhode Island State College and Experiment Station, died on December 23 in his forty-first year.

DR. WILLIAM P. MURRAY, head of the department of ophthalmology, otology and rhinology at the University of Minnesota, died on December 27 from an infection received while performing an operation.

SIR WILLIAM TILDEN, F.R.S., formerly professor of chemistry and dean of the Royal College of Science, London, and emeritus professor in the Imperial College of Science and Technology, South Kensington, died on December 11 at the age of eighty-four years.

A JOINT meeting of the Optical Society of America and the American Physical Society will be held at New York in Fayerweather Hall, Columbia University, on Friday and Saturday, February 25 and 26. The sessions of the Optical Society will be held on Friday, those of the Physical Society on Saturday.

IT is announced that the International Union of Pure and Applied Chemistry will hold its 1927 session at Warsaw beginning on September 18.

THE centenary of the Ludwig-Maximilians University at Munich, which counted among its members Liebig, Pettenkofer and Röntgen, was celebrated last November.

THE Sigma Xi Alumni Association of the University of Pittsburgh held an open public meeting on December 16 when lectures were given by Captain Wm. Mayo Venable, of the Blaw Knox Company, on "The Sensations of Color," and Dr. H. M. Johnson, Simmons Fellowship, Mellon Institute, on "Sleep."

THE communal administration of Blankenberghe, on the coast of Belgium, has recently organized a laboratory for research in marine biology, to be associated with the University of Liège and under the direction of M. Désiré Damas, professor of zoology at the university.

THE Rockefeller Foundation has renewed, for a second period of three years, its appropriation of \$40,000 to the National Committee for Mental Hygiene for the training of fellows in extramural psychiatry and psychiatric social work. These fellowships are open to physicians under thirty-five years of age, graduates of a class A medical school, who have had at least one year's training in a mental hospital.

THE Physical-Technical Institute in Leningrad has

opened a high-pressure laboratory, which is the first of its kind in Soviet Russia. It is devoted to the investigation and testing of materials and insulators and the transmission of energy. The necessary transformers have been ordered from Germany.

THE laboratories of the Banting and Best Chair of Medical Research at the University of Toronto have been moved from the medical building to the pathologic department.

THROUGH the interest of Senator James W. Wadsworth, Jr., and the cooperation of Colonel B. D. Foulois, commanding officer, Mitchell Field, State Entomologist E. P. Felt, of the New York State Museum, has arranged for systematic collection over Long Island and adjacent territory at various altitudes, with a specially devised insect trap attached to the wing of an airplane. Preliminary work has resulted in capturing two specimens at an altitude of 3,000 feet, and it is expected that considerable numbers will be found even higher in the air. It is hoped that this investigation may develop facts of importance in controlling injurious pests and explain insect movements in different sections of the world.

ACCORDING to the *Journal* of the American Medical Association, the American Association for Medical Progress has completed a survey of nearly all medical colleges and research institutions in the United States with regard to inspection by responsible visitors and the care of laboratory animals. It was found that responsible visitors are welcome at all times at these institutions. Some laboratory directors extend special invitations to officers of humane societies in order that they may observe the conditions under which animals are used for experimental purposes. All these institutions have adopted a set of rules governing the use and care of animals, which provides, among other things required, that operations be approved by the laboratory director who alone can make exceptions to the use of anesthetics, and then only when anesthesia would defeat the object of the experiment. Attached to the report of this survey is the set of rules observed by medical schools and research institutions. They require humane treatment of animals, and the return of vagrant animals to their homes when claimed and identified.

THE National Park Service has set aside an area about seven miles square in the high Sierras of Yosemite National Park as a wild life reservation. The fifty square miles are in what is known as the Hudson Arctic Alpine life zone, the elevation ranging from 9,000 to 12,000 feet. Thus far it has not been much visited by man and lies virtually in its natural state, wooded with lodge pole pine and inhabited by snowshoe rabbits, marten, fisher and other kinds of fur bearers that exist in frigid climates. The area

has abundant food and water and has a rich and varied flora.

L. S. LEAKEY, member of the Cutler Dinosaur Expedition to Tanganyika, in a lecture delivered before the Kenya and Uganda Natural History Society at Nairobi on the work of the expedition in the Lindi district said that it was expected that the work would continue for five years in the hope of finding skeletons of the Dinosaur, particularly skulls, in the upper reaches of the ancient river. He announced that he was also making investigation on the Stone Age deposits of Kenya.

A COURSE designed to train professional builders with broad knowledge in both business and engineering fields has been established at the Massachusetts Institute of Technology and will start in February. The course was founded by Louis J. Horowitz, president of the Thompson-Starrett Company, of New York, through a grant from the Louis J. and Mary E. Horowitz Foundation. Professor Ross F. Tucker will give the course.

ACCORDING to the *British Medical Journal* new departments for medical entomology and biochemistry have been added to the research division of the South African Institute for Medical Research at Johannesburg, and the department of bacteriology has been extended by the establishment of a branch for plague research. Field investigations into plague have also been instituted in a camp in the Orange Free State Province. A survey of the mosquito and molluscan carriers of malaria and bilharzia respectively has been commenced. Sir Spencer Lister became director of the institute last August, when Dr. W. Watkins-Pitchford retired through ill health.

THE *Journal* of the American Medical Association states that the Paris court of appeals recently confirmed the sentence imposed on a man who made shorthand copies of lectures delivered by various professors in the medical faculty and the faculty of pharmacy and offered them for sale to the students. The deans of the two faculties brought the suit against him, but the court required the ten professors themselves to make the definite charge; each was awarded 100 francs damages, the amount asked.

## UNIVERSITY AND EDUCATIONAL NOTES

DURING the past year \$2,208,000 have been pledged towards the \$20,000,000 fund being raised at Princeton University. This brings the total contributions to \$4,587,000.

JULIUS GOLDMAN, of the New York banking firm of Goldman, Sachs and Company, has given \$10,000 to the Johns Hopkins University for research in geology.