

CUTHBERT PEEK GRANT to Mr. Donald Cameron (Lieutenant, Royal Scots), for his journey across the Sahara from Nigeria to Algiers. He described himself modestly as an "ignorant though inquisitive traveller" who preferred to come home on leave from Nigeria by an unusual route. His journey demanded endurance and courage beyond the ordinary, for his party was lost and without water for 10 days. His description of the desert route east of Ahaggar Massif is described as a valuable contribution to our knowledge; and the council hope that the award may serve not only as a recognition of a fine journey performed, but a stimulus for further travel, as was the intention of its founder.

THE RETIREMENT OF DEAN VERANUS A. MOORE OF CORNELL UNIVERSITY

DEAN VERANUS A. MOORE, '87, of the college of veterinary medicine, concludes this year a teaching career of thirty-three years at Cornell University. He was a member of the first veterinary faculty as professor of veterinary pathology and bacteriology in 1896 and in 1908 became dean of the college.

In connection with his retirement, the faculty of the college voted the following resolution:

WHEREAS, The age of retirement from the active duties of administration and instruction has been reached by Veranus A. Moore; and,

WHEREAS, His faithful and exemplary service as head of the department of pathology and bacteriology for twelve years, and his conscientious and effective service in the high office of dean of the State Veterinary College for twenty-one years, has resulted in the development of an institution second to none in research and instruction in veterinary subjects and has assisted materially in placing the veterinary profession on a plane with other learned professions; and,

WHEREAS, His devotion to the insistence on high ideals have been a potent factor in strengthening the college and uplifting the profession; and,

WHEREAS, His modest and unselfish personal attributes have endeared him to his colleagues, to the alumni and students, and to the profession at large; be it

Resolved, That we, his colleagues in the faculty, assure him of our appreciation of the invaluable service he has rendered in the fields of veterinary education, animal industry and public health, and that his indefatigable energy and sound judgment have brought honor and

prestige to the college—thereby reflecting credit upon his associates; and, be it further

Resolved, That while we regret his retirement from the official duties of the college, we trust his wise counsel and advice may still be available in the years to come. We further express the hope that his future may be peaceful and serene and he may feel that the burdens he has borne are compensated for, in part, by the respect and admiration of his friends. We are grateful for the example of his life, his career of usefulness and unselfishness, and assure him that, in our opinion, the world is better for his having lived in it.

GRANTS-IN-AID FUND OF THE NATIONAL RESEARCH COUNCIL

THE Rockefeller Foundation has made available to the National Research Council a limited fund from which the council can make grants-in-aid of comparatively small amounts to help support the research work of individual American investigators and of special projects of restricted extent.

This fund will be administered by the National Research Council in much the same way that its funds for research fellowships are now administered. A special committee of the Council has been established, composed of the chairman, the treasurer and the permanent secretary of the Research Council, together with the chairmen of the council's seven divisions of science and technology. Dr. George K. Burgess will act as chairman of the committee and Dr. Vernon Kellogg as secretary.

The committee will hold occasional meetings beginning approximately October 1 to consider and pass on applications. Such applications should not be for fellowships, honoraria, nor publication costs, but may include field expenses. They should be made well in advance of the time of the intended use of the funds and should include detailed information as to the special qualifications of the applicant to pursue the investigations for which financial assistance is asked, and a statement of other support received or expected. The committee hopes that the universities and other interested organizations will cooperate with it in the proposed modest assistance of worthy research workers.

Correspondence should be addressed to the Secretary, National Research Council, Washington, D. C.

SCIENTIFIC NOTES AND NEWS

PRESIDENT HERBERT HOOVER will be the honorary president of the First International Congress on Mental Hygiene which will be held from May 5 to 10, 1930, in Washington, under the auspices of the National Committees for Mental Hygiene in this country and in Canada, together with the national

societies for mental hygiene in all other countries in which the movement has been organized.

DR. SIMON FLEXNER, the director of the Rockefeller Institute for Medical Research in New York, was elected on June 6 a corresponding member of the Reale Istituto Lombardo di Scienze e Lettere of

Milan, Italy, in the medical section of the class of mathematical and natural sciences.

PROFESSOR G. H. PARKER, director of the Harvard Zoological Laboratory, has been elected a corresponding member of the Peking Society of Natural History, Peking, China.

DR. ROSS G. HARRISON, professor of comparative anatomy at Yale University, has been elected a member of the Norwegian Academy of Sciences.

BELOIT COLLEGE at its recent commencement conferred the degree of doctor of science on Dr. Rollin T. Chamberlin, professor of geology in the University of Chicago.

THE honorary degree of doctor of science was conferred on Robert T. Hill on June 4 by Southern Methodist University. This degree was awarded in recognition of more than forty years' service as a geologist in Texas, Cuba, Porto Rico, Panama, the Lesser Antilles and in southern California.

AT the fifty-seventh annual commencement of Stevens Institute of Technology, honorary degrees were conferred as follows: Gerard Swope, doctor of engineering; Professor Francis Jones Pond, head of the chemistry department, doctor of science; George Orrok, engineer, the degree of mechanical engineer.

PROFESSOR ALBERT EINSTEIN'S influence on the evolution of the quantum theory was emphasized by the author of the theory, Professor Max Planck, at a meeting of the Berlin Physical Society on June 29 on the occasion of the celebration of the fortieth anniversary of Dr. Planck's entry into scientific work. Dr. Planck presented to Dr. Einstein the first cast of a medal created by the society in his honor.

THE Gold Josef Schneider medal of the University of Würzburg has been conferred on Dr. Robert Doerr, professor of hygiene of the University of Basle.

A LUNCHEON in honor of Dr. Carlos Chagas, formerly director-general of public health in Brazil and now head of the department of hygiene of the University of Rio de Janeiro, was given at the Bankers Club of New York City on June 20. The American Brazilian Association was host at the luncheon. Dr. George E. Vincent, president of the Rockefeller Foundation, paid a tribute to the "great Brazilian scientist who has been of more assistance to the Rockefeller Foundation in South America than any other person." Dr. Sebastiano Sampaio, consul-general of Brazil, followed with a eulogy of Dr. Chagas. Dr. Chagas made a three-weeks' stay in the United States to study American hospitals.

DR. KNUD RASMUSSEN, the Danish Arctic explorer, celebrated in Copenhagen on June 8 the fiftieth anni-

versary of his birth. The day was marked by the receipt of many congratulations, including a message from the Government of Greenland. Dr. Rasmussen marked the occasion by publishing a selection of Eskimo tales and the report of the fifth Thule Expedition.

AN Associated Press despatch states that the Italian Government has conferred a gold medal for civic valor posthumously on Dr. Finn Malmgren, who accompanied the Nobile expedition, and has bestowed a pension of 2,000 kronen (about \$520) annually on his mother. At the same time it is sending to her all the documents of the commission of inquiry into the loss of the dirigible *Italia* and the death of Dr. Malmgren. Premier Mussolini received Dr. Malmgren's sister and accepted her thanks for the government's generosity to the family and the honor bestowed upon her brother.

AT the meeting of the Scientific Apparatus Makers of America in Atlantic City, on May 16, 17 and 18, the following officers were elected: President, N. H. Ott, the Spencer Lens Co., Buffalo, N. Y.; vice-president, Carl Amend, Eimer and Amend, New York, N. Y.; secretary-treasurer, J. M. Roberts, Central Scientific Company, Chicago; chairman of the chemistry section, C. G. Fisher, Fisher Scientific Co., Pittsburgh, Pa.; chairman of the physics section, C. A. Bengston, Chicago Apparatus Co.; chairman of industrial instrument section, W. W. Patrick, Foxboro Co., New York, N. Y.; directors at large, M. E. Leeds, Leeds and Northrup Co., Philadelphia; J. Ely, Taylor Instrument Co., Rochester, N. Y.; H. K. Kimble, Kimble Glass Co., Vineland, N. J.; L. C. Irwin, C. J. Tagliabue & Co., Brooklyn, N. Y.

THE officers of the American Geophysical Union and of its sections, following the elections at the tenth annual meeting of the union on April 25 and 26, 1929, whose three-year terms are effective from July 1, 1929, are as follows: *Union*—Wm. Bowie, chairman; L. H. Adams, vice-chairman; (J. A. Fleming, as general secretary continues through June 30, 1931); *Section of Geodesy*—W. D. Lambert, chairman; L. J. Briggs, vice-chairman; H. G. Avers, secretary, to fill the unexpired term of W. D. Lambert from July 1, 1929, to June 30, 1931; *Section of Seismology*—N. H. Heck, chairman; F. Wenner, vice-chairman; (F. Neumann continues as secretary of the section through June 30, 1931); *Section of Meteorology*—G. W. Littlehales, chairman; W. R. Gregg, vice-chairman; O. H. Gish, secretary; *Section of Terrestrial Magnetism and Electricity*—D. L. Hazard, chairman; L. W. Austin, vice-chairman; H. W. Fisk, secretary; *Section of Oceanography*—A. H. Clark, chairman; H. B. Bigelow, vice-chairman; H. A. Marmer, secretary; *Section*

of *Volcanology*—A. L. Day, chairman; R. L. Daly, vice-chairman; C. N. Fenner, secretary.

At a recent election of officers of the American Society of Plant Physiologists for the year 1929–1930, Dr. Scott V. Eaton, of the department of botany of the University of Chicago, was elected president and Dr. Charles A. Shull, also of Chicago, vice-president.

Dr. UDO J. WILE, professor of dermatology at the University of Michigan, was elected president of the American Dermatological Association at the annual convention held at Del Monte, California. Dr. E. D. Chipman, of San Francisco, was named vice-president, and Dr. Guy Lane, of Boston, secretary. The association will meet next year in Cleveland.

A DELEGATION of seventeen members has been appointed by President Hoover to represent the United States officially at the World Engineering Congress which will meet at Tokyo on October 29. Members of the delegation from Washington are Commissioner Elwood Mead, George Otis Smith, George K. Burgess, O. C. Merrill, Major-General Edgar Jadwin, Scott Turner and John Hays Hammond. From New York, Elmer A. Sperry, Frank B. Jewett, John W. Lieb, Maurice Holland, Daniel L. Turner, Byron Eldred, J. V. W. Reynders and Mark Requa have been appointed. John R. Freeman, of Providence, and Dugald C. Jackson, of Boston, make up the list.

Dr. HARLAN TRUE STETSON, assistant professor of astronomy at Harvard University, has been appointed head of the department of astronomy and director of Perkins Observatory at the Ohio Wesleyan University at Delaware. Dr. Stetson has been a member of the Harvard faculty for thirteen years.

Dr. MARCUS BENJAMIN, editor for the U. S. National Museum, has been appointed by the Chemical Society of London to be one of its representatives at the fiftieth anniversary celebration of the foundation of the American Society of Mechanical Engineers, to be held in Washington from April 7 to 9, 1930.

W. K. WILLIAMS, JR., has been appointed extension forester to represent the Forest Service and the Office of Cooperative Extension Work of the U. S. Department of Agriculture in the forestry extension work which the department and the agricultural extension services of the states carry on cooperatively. His appointment became effective on July 1. He succeeds G. H. Collingwood.

Dr. J. L. McELROY, following several months given to visiting medical centers of Europe, has become superintendent of the hospitals of the Medical College of Virginia, Richmond. These are the Memorial, the Dooley and the St. Philip hospitals. The Crippled

Children's Hospital is affiliated as the orthopedic department for white children.

Dr. W. P. KELLEY, agricultural chemist at the University of California Citrus Experiment Station, has been named chairman of the committee of the American Society of Agronomy on the Chilean Nitrate of Soda Nitrogen Awards, amounting annually to about \$5,000. Dr. Kelley replaces Dr. Oswald Schreiner, of the U. S. Department of Agriculture, who is spending several months in the Far East. The object of the awards is the encouragement of research bearing on the relation of nitrogen to economic crop production.

Dr. A. F. JOSEPH, lately chemist for the Sudan government, has been appointed deputy director of the Imperial Bureau of Soil Science, one of the eight bureaus the formation of which was recommended by the Imperial Agricultural Research Conference of 1927. Sir John Russell, director of Rothamsted Experiment Station, is, as already announced, the director of the bureau.

Dr. CHARLES S. HOWE, who will retire from the presidency of the Case School of Applied Science the last of August, will make his home in North Amherst, Mass., during the coming college year.

MEMBERS of the faculty of Kansas State Agricultural College who have been granted sabbatical leave for the academic year 1929–30 include Dr. Robert K. Nabours (zoology), Professor W. T. Stratton (mathematics), Professor H. H. Laude (agronomy), Professors T. J. Anderson and R. M. Green (economics), Professor Martha Pittman (food economics and nutrition), and Professor R. G. Kloeffer (electrical engineering).

Dr. J. W. GIDLEY, of the division of vertebrate paleontology of the National Museum, has recently returned from Melbourne, Florida, where he continued excavations in connection with his study of the Pleistocene fauna and evidence of early man. Mr. C. W. Gilmore, curator of the same division of the museum, is in charge of a party collecting Upper Cretaceous vertebrates in the San Juan Basin, northwest New Mexico.

Dr. C. U. CLARK, formerly assistant professor at Yale University, will undertake for the Smithsonian Institution, beginning in September, research in the archives of Spain with reference to documents and artifacts relating to the aborigines of the Americas and more particularly the Mayas and Toltecs of Central America.

Dr. FREDERICK L. HOFFMAN, consulting statistician of the Prudential Insurance Company, is attending the annual meeting of the American Medical Asso-

ciation to read an address on "Some Final Results of the San Francisco Cancer Survey." Dr. Hoffman will also participate in the Pan Pacific Surgical Conference in Honolulu in August and will read a paper on "Cancer in Hawaii," supplemented by an address to be read before the Hawaiian Medical Society on "Race Pathology in Hawaii." While in Hawaii, Dr. Hoffman expects to give particular attention to Asiatic mortality problems.

AN International Radio Conference will be held at The Hague, opening on September 19. An appropriation of \$27,500 has been made by the Congress. Commissioner H. A. LaFount and Captain Guy Hill, chief engineer, will represent the Federal Radio Commission, while other representatives will be chosen by the State Department from the various government departments operating research laboratories. American companies and radio associations desiring to send representatives may do so, and the State Department has asked that it be given their names.

THE non-magnetic ship *Carnegie* left Yokohama on June 24; she is due at San Francisco about July 29. Since the last report in SCIENCE the vessel was at Pago Pago, American Samoa, April 1 to 5, and at Apia, Western Samoa, from April 6 to 20. Passing close to Wake Island May 11, the vessel arrived at Guam May 20. Departure was taken for Yokohama May 25. The oceanographic observations are constantly developing new bottom features; among these was the discovery of a new deep which was named "Fleming Deep" by Captain Ault, the maximum depth recorded being 8,650 meters at 23.°8 north latitude and 144.°1 east longitude. While in Western Samoa and in Japan the magnetic standards of the Apia and Kakioka observatories were compared with those of the *Carnegie*. Exercises commemorative of the twenty-fifth anniversary of the research activities of the Carnegie Institution of Washington are to be held on board the *Carnegie* in San Francisco Harbor on August 26, 27 and 28, just before her departure late in August for Hawaii, Samoa and New Zealand.

THE Royal Agricultural Society of England is offering a medal for original agricultural research, the regulations governing which are as follows: (1) The medal will be called the Royal Agricultural Society of England's Research Medal. It will be of silver, and money or books to the value of £10 will be added. (2) The medal will be awarded for a monograph or essay giving evidence of original research on the part of the candidate on any agricultural subject, on any of the cognate agricultural sciences or on agricultural economics. It must be

signed by the candidate, the genuine work of the candidate himself. (3) Candidates for the medal must reside in Great Britain or Ireland, and must not be more than 30 years of age on September 29, 1929. (4) The medal will be adjudged by referees appointed by the council of the Royal Agricultural Society. (5) The monograph or essay must be forwarded to the secretary of the Royal Agricultural Society on or before October 31, 1929. The monograph or essay must be typewritten or printed. (6) If, in the opinion of the referees, no monograph or essay be found to attain a sufficient standard of excellence, they shall be at liberty to reserve the medal of that year for award as an additional medal in some subsequent year. (7) The monograph or essay of the successful candidate shall be published in the *Journal* of the Royal Agricultural Society, if, in the opinion of the Council, it is suitable for that purpose. Essays already published shall not be eligible for the medal.

At the recent annual dinner in London of the Royal Geographical Society, the president, Sir Charles Close, reported that a new lecture hall and library were being erected at the headquarters of the society at Kensington-gore. When these buildings were completed the society would, for the first time in its long existence, possess a lecture theater of its own and a properly designed library. The lecture theater would seat 850 people, and arrangements were being made for the display, when necessary, of moving pictures for the illustration of travelers' lectures. The books of the society, which constituted a magnificent collection, were at present distributed in passages and rooms, and even in cellars. In the new library the books would be brought together and room would be available for the collection of maps, which was said to be the finest unofficial collection in the world. The scheme was estimated to cost about £50,000. Towards that sum the society had available, including the amount received from the disposal of their surplus land, about £44,000.

THE first of a contemplated series of reports which will contain abstracts of current articles and publications dealing with applied geophysics has been issued by the U. S. Bureau of Mines, Department of Commerce. The abstracts will be prepared, for the most part, by officials and engineers of mining and exploration companies in cooperation with the Bureau of Mines. It is believed that useful and timely information dealing with the science of applied geophysics can thus be adequately presented. The bureau plans, if possible, to procure the original papers from which these abstracts are prepared and to assist those who may be interested in obtaining translations or photostat copies. The bureau has obtained the cooperation of twenty-five well-recog-

nized experts as contributing editors to this series of geophysical abstracts. Information Circular 6,120, which has been compiled by Frederick W. Lee, supervising the Geophysical Section, U. S. Bureau of Mines, contains abstracts of papers dealing with gravitational, magnetic, seismic, electrical, radioactive, geothermal and various unclassified methods. Most of the papers abstracted were published in Germany and Russia.

As a result of a request from the War Department, the chief coordinator of the Bureau of Standards has arranged for the preparation by the bureau of a classified list of all governmental laboratories, facilities, etc., available for the testing of supplies and materials for the purchasing officers of the various government departments. "The Directory of Governmental Testing Laboratories" will supplement "The Directory of Commercial Testing and College Research Laboratories" (Bureau of Standards Miscellaneous Publication No. 90), now in its second edition. Information will be given concerning not only the kinds of commodities which each laboratory can test, but also the types of testing equipment in each laboratory, and the routine procedure involved in obtaining authority for the laboratory to assist purchasing officers in making tests and furnishing results relating thereto.

THIRTEEN countries in Central and South America have promised cooperation in the world agricultural census of 1930, L. M. Estabrook, director of the census for the International Institute of Agriculture, stated June 21. Mr. Estabrook has just returned to

Washington from a 11,000-mile trip to the capitals of Guatemala, Salvadore, Honduras, Nicaragua, Costa Rica, Panama, Ecuador, Colombia, Venezuela, British Guiana, Trinidad and Barbados. The inclusion of these countries in the census brings the total representation in the project to about 97 per cent. of the land surface, 98 per cent. of the total population and approximately 99 per cent. of the total agricultural production of the world. The undertaking of a world census of agriculture in 1930 was approved by the General Assembly of the International Institute of Agriculture at Rome in 1924, and the preliminary work of organizing the census was made possible by the cooperation of the International Educational Board, the U. S. Department of Agriculture and the International Institute of Agriculture. The census program and standard form of census questionnaire have been approved by the permanent committee and two general assemblies of the institute, by the Diplomatic Conference on Economic Statistics that met in Geneva in November, 1928.

W. L. G. JOERG, secretary of the advisory committee of the American Geographical Society, calls attention to the fact that the notice appearing in the June 21, 1929, issue of SCIENCE under the title "The Settlement of the Undeveloped Areas of Canada" implies that the American Geographical Society has assumed the cost. The society (with the aid of an advisory committee) is responsible only for the prosecution of the work and not for financial support. The funds are provided by the Social Science Research Council.

UNIVERSITY AND EDUCATIONAL NOTES

By the will of the late Charles B. Swift, of Detroit, Middlebury College receives a bequest of \$200,000.

EDINBURGH UNIVERSITY has received gifts for the reconstruction of the medical buildings at Teviot Place, Edinburgh, of £20,000 from the trustees of the late Sir William Dunn and £35,000 from the Rockefeller Foundation. This, with other sums now available, secures the carrying out of a scheme whereby the buildings, which were erected in 1880, will be reconstructed to bring them into conformity with the requirements of modern teaching and research.

DR. HAROLD A. IDDLIS, of Columbia University, has been appointed head of the department of chemistry of the University of New Hampshire to fill the vacancy caused by the death of Professor Charles James.

JOHN FRANKLIN DODGE, fuel oil engineer of the Standard Oil Company of California, has been named

professor of petroleum engineering in the college of engineering of the University of Southern California.

DR. ALLEN T. NEWMAN, dean of the school of dentistry at the University of Denver, has resigned to accept a similar appointment at New York University to succeed the late Holmes C. Jackson.

DR. W. T. ROOT, professor of psychology in the University of Pittsburgh, has become head of the department of psychology to succeed Dr. J. H. White.

DR. WILLIAM S. SCHLAUCH, chairman of the department of mathematics of the High School of Commerce of New York City, has been appointed assistant professor at New York University.

At the University of Liverpool, C. C. Titmarsh, reader in mathematical analysis in the University of London, has been appointed professor of pure mathe-