

cellence of any treatise published by him during the year, be entitled to receive them.

The committee will be glad to receive further nominations up to the close of the year 1923, which should be addressed to the secretary of the National Academy of Sciences, Smithsonian Institution, Washington, D. C.

THE COMMITTEE ON PACIFIC INVESTIGATIONS OF THE NATIONAL RESEARCH COUNCIL

For some years the Division of Foreign Relations of the National Research Council has maintained a committee on Pacific investigations. The purposes of this committee have been to encourage research undertakings in the Pacific area, especially of problems which are peculiar to that region. The committee has also represented American scientific interests in two Pan-Pacific Science Congresses which have been held, one at Honolulu in 1920 and the second this last summer in Australia.

The committee represents the continuation of a movement which was begun a number of years ago, making for concerted study of the scientific problems of the Pacific area, regarding that area as a distinct regional unit. This movement dates back to the organization of a committee in the National Academy of Sciences to direct attention to the importance of developing scientific work in the countries within and bordering upon the Pacific Ocean, both for the welfare of that region itself and also on account of the important contributions to scientific knowledge which would come from such studies. The early formation of the committee reflected interest in these problems which had been taken by scientific men of the Pacific Coast and by others who had had an opportunity to work upon materials from the Pacific region.

The Committee of the Research Council has recently been enlarged and now consists of the following members: *Chairman*, Herbert E. Gregory; *vice-chairman*, T. Wayland Vaughan; William Bowie, Barton W. Evermann, Elmer D. Merrill, John C. Merriam, W. E. Ritter, Leonhard Stejneger, Walter T. Swingle, Clark Wissler.

THE ROLLIN D. SALISBURY MEMORIAL FUND

The University of Chicago announces that a committee, consisting of Thomas E. Donnelley, chairman, from the board of trustees; Professor H. H. Barrows, chairman of the department of geography; Professor E. S. Bastin, chairman of the department of geology, and two other persons not members of the board of trustees or of the university faculties, has been ap-

pointed to raise a fund of \$100,000 to \$150,000 to be known as the Rollin D. Salisbury Memorial Fund for the Promotion of Research in the Fields of Geology and Geography.

The income from the fund is to be used for the following specific classes of projects: (a) Field research expeditions; (b) office and laboratory researches; (c) research fellowship grants to graduate students of special promise for the conduct of specific researches; (d) aid in the publication of research results when such publication can not be otherwise arranged; and (e) other projects that come appropriately under the caption of promotion of research.

Professor Salisbury, who for over twenty years was dean of the Ogden Graduate School of Science, head of the department of geography for sixteen years, and head of the department of geology at the time of his death in 1922, left a bequest to the university of a large fund for the endowment of scientific fellowships. Dean Salisbury's influence was widely extended through graduates in geology and geography who have gone to important positions in many educational institutions.

SCIENTIFIC NOTES AND NEWS

THE REVEREND THOMAS GEORGE BONNEY, the distinguished English geologist, died at Cambridge on December 9, aged ninety years.

THE Perkin Medal, awarded annually to a chemist, residing in the United States, for the most valuable achievement in applied chemistry, has this year been awarded to Dr. Fred. M. Becket, distinguished for his work in metallurgy. The presentation will take place at the January 11 meeting of the American Section of the Society of Chemical Industry, Chemists' Club, New York City.

DR. EMIL G. BECK, Chicago, has been awarded its medal by the Radiological Society of North America for his work on radiology.

DR. F. GOWLAND HOPKINS, F.R.S., distinguished for his work on vitamins, has been presented with the gold medal of the Royal Society of Medicine, London.

THE jubilee prize of the Swedish Medical Association has been awarded Dr. R. Fahræus for his report on the speed of sedimentation of erythrocytes, entitled "The suspension stability of the blood." The Lennmalm prize is to be awarded to Dr. Sven Ingvar for his series of works on the cerebellum.

PROFESSOR CARLOS CHAGAS, director of the Institut Osvaldo Cruz in Rio de Janeiro, has been appointed foreign correspondent of the Belgian Royal Academy of Medicine.

THE resignation of Dr. Henry Frank Moore as

deputy commissioner of fisheries became effective October 31, terminating a distinguished service of twenty-seven years with the Bureau of Fisheries. Dr. Moore is succeeded by Lewis Radcliffe, a member of the bureau from 1907 until 1922, when he resigned as assistant in charge of the division of fishery industries to accept a position with the Tariff Commission.

DR. BELA SCHICK, author of the Schick test, has accepted an appointment as head of the children's service division of Mount Sinai Hospital, New York City.

M. JEAN BOSLER has been appointed director of the Marseilles Observatory.

At a meeting of the International Committee on Marine Fisheries Investigations, Dr. H. B. Bigelow was elected permanent chairman, to succeed Dr. H. Frank Moore, resigned.

DR. ANDREW BALFOUR, retiring director of the Wellcome Bureau of Scientific Research, has been appointed the first director of the School of Hygiene, London, toward the building and equipment of which two million dollars was contributed by the Rockefeller Foundation. Dr. Balfour, before taking up his duties as director of the School of Hygiene, will carry out a mission he has already undertaken to Bermuda.

DR. H. A. GLEASON, of the New York Botanical Garden, has resigned his position as assistant director to become curator, without reduction of salary, in the same institution, and will henceforth devote his time chiefly to the investigation of the flora of northern South America. Dr. Marshall A. Howe, for many years curator, becomes assistant director.

DR. J. F. GUDERNATSCH, for twelve years a member of the faculty of Cornell University Medical College, has joined the scientific staff of the Hoffman-La Roche Chemical Works.

DR. DONALD K. TRESSLER, who has been working on the determination of iodine in sea foods for the past few months, has resigned from the service of the Bureau of Fisheries to accept an industrial fellowship in the Mellon Institute of Industrial Research of the University of Pittsburgh. He will carry out researches on chemical problems of the beet-sugar industry.

DR. ASA C. CHANDLER has resigned from the Rice Institute, Houston, Texas, to accept a position as head of the department of helminthology in the School of Tropical Medicine at Calcutta, where he will devote most of his time to research on the hookworm disease. Dr. Chandler will sail for India early in January.

DRS. T. WAYLAND VAUGHAN and A. H. Brooks,

who represented the Geological Survey at the Pan-Pacific Scientific Congress in Australia, have returned to Washington.

PAUL C. STANDLEY, of the National Museum, left recently for Panama, where he is to continue the investigation of the flora of the Canal Zone, a work commenced several years ago.

THE Swarthmore College chapter of Sigma Xi held its opening meeting for the current year on November 27 in the Sproul Observatory. The results of the observatory eclipse expedition to Mexico last summer were presented by three members of the party. Director John A. Miller spoke on the observations taken for testing the Einstein theory, Dr. Ross W. Marriott discussed the corona photographs with the sixty-five foot camera, and Dr. W. R. Wright reported the spectroscopic program of the expedition.

DR. LOUIS A. BAUER gave an illustrated lecture "On the origin of the earth's magnetic and electric fields" before the departments of physics, electricity and geology of the Brooklyn Institute of Arts and Sciences on November 24. At Boston, on December 8, he gave an illustrated lecture entitled "The earth and sun as great magnets" before the Eastern Association of Physics Teachers.

AMONG the lectures announced for January, at the Carnegie Institute of Technology, are a series by Professor Harry N. Holmes, of Oberlin College, who will discuss "Colloid Chemistry," "Emulsions" and "Gels" on January 9, 10 and 11; and a series by Professor Alfred Stansfield, of McGill University, between January 14 and 19 on "The Electric Furnace for Iron and Steel."

PROFESSORS GEORGE D. BIRKHOFF, of Harvard University, and Raymond C. Archibald, of Brown University, will lecture on mathematics at the University of California during the summer of 1924.

ON November 17, Dr. Arthur L. Day, director of the Geophysical Laboratory, Washington, D. C., delivered an address at Toronto to The Royal Canadian Institute on the subject "Earthquakes and volcanic eruptions."

At a meeting called by the Maryland Cancer Committee in Baltimore on November 18, methods for disseminating information concerning cancer were discussed. The speakers included: Dr. William H. Welch, director of the School of Hygiene and Public Health, of the Johns Hopkins University; Dr. C. Hampson Jones, health commissioner of Baltimore; Surgeon-General Hugh S. Cumming, U. S. Public Health Service; Dr. Joseph C. Bloodgood, Baltimore, and Dr. George A. Soper, new managing director of the American Society for the Control of Cancer.

THE Canadian Medical Association has arranged for a Lister oration to be given once every three years. The first oration will be given at the annual meeting of the Association at Ottawa in 1924 by Dr. John Stewart, of Halifax, who is a former house-surgeon of Lister's.

THE Royal Institution has received from Mr. Robert Mond a gift of busts and medallions of Dr. Ludwig Mond, Cannizzaro, Liebig, Berzelius, and others, and many portraits and photographs.

At a recent meeting of the senate of the University of London, it was resolved that the physiological laboratory library should be kept together as part of the university library and be developed in connection therewith as a memorial to the late Professor A. D. Waller.

THE Clare Vaughan Infirmary at the Detroit Tuberculosis Sanatorium, Northville, was dedicated November 15 to the memory of Dr. Victor Clarence Vaughan, Jr., who died in service in France, June 4, 1919. Dr. Vaughan was the son of Professor Victor C. Vaughan, of the University of Michigan.

NEAR the new home of the New York Academy of Medicine, on Sixtieth Street an eleven story office building for the exclusive use of the medical profession will be erected at a cost of \$850,000.

THE American Public Health Association has announced that at its fifty-second annual meeting at Boston in October, two new sections were established. They are a Section on Health Education and Publicity and a Section on Public Health Nursing. The divisions in the association now are as follows: Public Health Administration, Laboratory, Vital Statistics, Food and Drugs, Sanitary Engineering, Industrial Hygiene, Child Hygiene, Health Education and Publicity, and Public Health Nursing.

THE *Journal* of the American Medical Association says that the national committees on international cooperation in intellectual work, which have now been appointed in seventeen countries of Europe, were invited to send delegates to the meeting of the International Committee on Intellectual Cooperation, organized by the League of Nations, which was held at Paris on November 28. These national committees will serve as correspondents and collaborators to the international committee in encouraging and facilitating intellectual cooperation among the nations. Since the last meeting of the League of Nations, national committees have been created or are in process of formation in Belgium, France, Latvia, Norway, the Netherlands and Switzerland. Similar committees were already in existence in Austria, Bulgaria, Esthonia, Finland, Greece, Hungary, Lithuania, Poland, Roumania, Czechoslovakia, and in the kingdom of the Serbs, Croatsians and Slovenians.

EARLY in January Dr. Thomas Barbour, of the Museum of Comparative Zoology, accompanied by Dr. Edward Wigglesworth and Mr. W. S. Brooks, both of the Boston Museum of Natural History, will go to Cuba and Central America for an extended visit. The principal object of the trip is to start work on the organization of the biological station to be erected on Barro Colorado Island in Gatun Lake. This island is a beautiful area of virgin, tropical rain forest about six square miles in extent. Chiefly through the influence of Drs. Wheeler, Piper, Strong and Mr. James Zetek, of Ancon, Governor Morrow set aside the island, in perpetuity, as a forest reservation to be used in connection with a biological station. This station is to be managed by the executive committee of the Institute for Research in Tropical America, an organization initiated by the National Research Council. The institute is supported by the museums and colleges of America which are each asked to give a small annual grant towards maintenance. The initial funds to start building operations on the island are now being raised by the executive committee. Dr. Barbour hopes before he leaves Panama to have trails cut through the island jungle, to have a safe water supply established and some sort of living quarters erected so that the large number of naturalists who have expressed their desire to visit the island during the coming summer vacation will find reasonable accommodations for their work.

UNIVERSITY AND EDUCATIONAL NOTES

MRS. ALFRED H. ANDERSON, widow of a pioneer lumberman of Seattle, has presented to the board of regents of the University of Washington \$250,000 to be expended for a building to be called the "Alfred H. Anderson Hall of the College of Forestry," in memory of her husband. The building will be constructed at once near the present Forest Products Laboratory.

THE Harvard School of Public Health formally opened its school building on Van Dyke Street, Boston, on November 21. The building which was formerly the Boston Infants' Hospital was purchased by the School of Public Health and entirely renovated.

WORK will start in the spring on the McKinley Hospital on the campus of the University of Illinois, Champaign. This \$150,000 building, a gift of Senator William B. McKinley, will be one of a group which will form the south quadrangle. It will be three stories high and have a capacity of sixty beds.

THE University of California College of Dentistry has established a Lecture Foundation on Preventive Dentistry, the initial endowment being \$10,000. The intention of the foundation is to present the most