

administration. The old adage "There is more in the man than there is in the land" is just as true of the field of public health as it is in farming, or in any other line of endeavor.

#### THE BEIT MEMORIAL FELLOWSHIPS FOR MEDICAL RESEARCH

ACCORDING to the *London Times*, a meeting of the trustees of the Beit Memorial Fellowships for Medical Research was held on July 14, for the election of fellows and the presentation of the annual report of the honorary secretary, Professor T. R. Elliott.

In the report of last year a review was given of the work of the Beit Memorial Trust in the first twenty years since its foundation. The close of that year marked the period that had been chosen for the review with a sharper line, by the death on December 8 of the founder of the trust, Sir Otto Beit. The founder's generous resolve to perpetuate the memory of his brother, Mr. Alfred Beit, by augmenting more than fourfold the gift which the latter had wished to make for the progress of medical studies in the University of London did not conclude with the endowment by £210,000 of the trust. As chairman of the trustees, Sir Otto devoted to the very end of his life the closest thought to every step that might advance the aims of the foundation, and he showed the keenest interest and pleasure in marking those successes in the advance of medicine by research which have been achieved by the most distinguished of the Beit Fellows. His sense of service to the trust that he had created gave an example that will not be forgotten.

The resignation of Sir Charles Martin and Sir James Kingston Fowler was announced and the appointment of Sir John Rose Bradford, who in 1909 was chiefly responsible for the advice that led to the trust being guided to the creation of fellowships rather than to other purposes, and who served for twelve years as an original member of the advisory board. Sir Alfred Beit has consented to serve with them in the place of his father, Sir Otto Beit. Dr. J. C. G. Ledingham, F.R.S., now director of the Lister Institute, who will serve in the place of Sir Charles Martin, and Dr. P. P. Laidlaw, F.R.S., known for his work on vaccination for dog distemper, have also been elected members of the advisory board.

The number of fellows at present working on the foundation, excluding those reported for election, is twenty-three. The report states that the list of places recognized for research has long ago been widened beyond the limitation suggested by the first idea that work would be done chiefly in the laboratories and schools attached to the University of London, and each year more and more fellows are being permitted for special purposes to work for a year abroad. The fellows elected choose their own problems for research, and no attempt is made by the board to select a subject or appoint a group to investigate it.

It is pointed out in the report that the aim of the fellowships is to start a man on the career of research, and the fruits of his work can hardly be expected to mature during that relatively brief tenure. It is to the after-careers that the trustees look for proof that the advisory board has guided them well in the selection of fellows. Last year's report gave a comprehensive review of the careers of the fellows since the foundation of the trust. During the present year Dr. C. H. Lambie, who held a fellowship from 1923 to 1926, has been appointed to a new whole-time chair of medicine at the University of Sydney, New South Wales. Dr. D. Keilin, F.R.S., has been chosen for the directorship of the Institute for Parasitology at Cambridge, to which he was first appointed to work as junior Beit fellow in 1920, and where he remained throughout the fourth year and senior fellowships for a total period of seven years' research. He now controls the laboratory at which his work in England began.

Besides six junior fellowships valued at £400 a year, one senior fellowship valued at £700 a year was awarded to Dr. F. R. Winton, to continue his work in the pharmacological laboratory of University College, London, on the tonus of plain muscle, on the blood pressure in the glomerulus of the kidney, and on the effect of drugs on kidney secretion. A fourth year fellowship valued at £500 a year was given to B. H. C. Matthews, to continue his work in the physiological laboratory, University of Cambridge, on the analysis of sensory nerve impulses by electrical records obtained with the delicate oscillograph which he has invented.

## SCIENTIFIC NOTES AND NEWS

DR. HARVEY CUSHING, head of the department of neurological surgery at Harvard Medical School, has received an honorary degree from the University of Berne at the opening of the International Congress on Neurology which met recently in Berne, Switzerland. Dr. Cushing read a paper on his experiences in two thousand brain operations.

DR. A. S. HITCHCOCK, custodian of grasses at the U. S. National Herbarium, has been elected a corresponding member of the German Botanical Society.

DR. JOSEPH B. WOLFFE, associate professor of cardiology in the school of medicine and the hospital of Temple University, was honored on September 1 by members of the staff of his heart clinic, who enter-

tained him at a testimonial dinner in the Hotel Sylvania. Dr. Wolffe, who has passed many years in research into the causes and treatment of heart disease, returned recently from a tour of this country and South America, having visited leading heart clinics.

THE Frank M. Meyer Medal for distinguished services in the introduction of new plants to America has been awarded to Allison V. Armour, of New York. The presentation was made on August 24 by Dr. Gilbert Grosvenor, president of the National Geographic Society, on board Mr. Armour's yacht *Utowana*, which was anchored off Beinn Brheagh, Nova Scotia, the summer residence of Dr. and Mrs. Grosvenor. The medal was awarded for the series of eight expeditions which Mr. Armour has made on his yacht to bring from foreign countries useful and ornamental plants to enrich the farms and gardens of the United States.

THE Royal Geographical Society of Antwerp has awarded its Gold Medal to Mr. Bertram Thomas, in recognition of his explorations in Arabia.

THE Planck Medal has been awarded by the Physical Society of Berlin to Dr. Arnold Sommerfeld, of the University of Munich.

THE Academy of Sciences at Vienna has awarded the Fritz Pregl Prize for microchemistry to Dr. Friedrich Feigl, and the Wegscheider Prize to Dr. Philipp Gross. Both recipients are docents in the University of Vienna.

DR. BERNARD SACHS, of New York, has been elected president of the International Congress on Neurology.

At the annual meeting of the Mt. Desert Island Biological Laboratory, the following officers were elected: *President*, Clarence C. Little; *vice-president*, Duncan Starr Johnson; *treasurer*, David O. Rodick; *secretary* and director of the Weir Mitchell Station, W. H. Cole; director of the Dorr Station, R. L. Taylor, and honorary director, Herbert V. Neal. The following members were added to the board of trustees: W. H. Cole, R. W. Hegner, E. K. Marshall, Jr., S. O. Mast and H. W. Smith. New members of the corporation are: A. L. Grafflin, P. L. Johnson and D. O. Rodick.

GLENN L. MARTIN, aircraft manufacturer, of Baltimore, has been selected to open the sixty-seventh session of the Royal Aeronautical Society on September 16, as the Wilbur Wright Memorial lecturer, it was announced on August 25. Mr. Martin will address the society on "The Development of Aircraft Manufacturing" in the aeronautical section of the South Kensington Museum, with the permission of the director, Colonel Sir Henry Lyons, and a discussion will follow the address. At the meeting of the Royal Aeronautical Society Mr. Martin will pre-

sent the Daniel Guggenheim Medal to Dr. Frederick W. Lanchester, British aviation engineer and aerodynamic expert, in recognition of his service towards the advancement of aeronautics in developing his theory of flight based on the vortex theory.

DR. FREDERICK G. COTTRELL, formerly director of the U. S. Fixed Nitrogen Research Laboratory, recently delivered a lecture at the Scripps Institution of Oceanography on "Research Work of the Fixed Nitrogen Research Laboratory of the U. S. Department of Agriculture."

DR. LESLIE T. WEBSTER, of the Rockefeller Institute for Medical Research, New York, delivered a series of three lectures on epidemiology before the Pacific Northwest Medical Association at its recent Seattle meeting.

DR. ALLEN F. STONE has been appointed head of the department of surgery at the University of Maryland and has also become surgeon-in-chief of the James Lawrence Kernan Hospital for the Crippled.

DR. JOSEPH S. ILLICK, formerly state forester of Pennsylvania, has been appointed head of the department of forest management of the New York State College of Forestry at Syracuse University.

APPOINTMENTS to the faculty of the Duke University School of Medicine and Duke Hospital include Dr. Bayard Carter, professor of obstetrics and gynecology, and Dr. Edwin C. Hamblen, associate professor of obstetrics and gynecology.

DR. VIRGINIUS ELHOLM BROWN has been appointed professor of biology and chairman of the department at Bethel College.

DR. HELEN MILLER, of Johns Hopkins University, has had her National Research fellowship in zoology renewed and will spend the coming year in the department of zoology at Yale University. Dr. Daniel Raffel, a National Research fellow in the department of genetics of the Johns Hopkins University, has been reappointed and will continue his work also at Yale University.

DR. ALVIN R. LAMB, of the Wisconsin Agricultural Experiment Station, has accepted a position as biochemist in the U. S. Public Health Service. He will join the staff of the Leprosy Investigation Station at Honolulu on September 1 to work on biochemical aspects of the pathogenesis of leprosy.

MR. DUDLEY MOULTON has resigned as horticultural commissioner for the City of Los Angeles to accept the appointment as state director of agriculture in California.

DR. CATHERINE C. STEELE will become lecturer in agricultural chemistry and physics at the Horticultural College, Swanley, Kent, England.

DR. LAIGNEL-LAVASTINE, senior physician to the Hôpital de la Pitié, and secretary of the International Society of the History of Medicine, has been nominated professor of the history of medicine in the Paris faculty in succession to Professor Menetrier.

LORD ILCHESTER and Professor J. Stanley Gardiner have been elected trustees of the British Museum. They succeed Lord Ullswater and Lord Chalmers, respectively.

DR. WILLIAM R. AMBERSON, professor of physiology at the University of Pennsylvania, sailed for Germany last week. He will work in the laboratory of Professor Rudolf Hoebner in Kiel during the coming semester.

DR. W. R. JILLSON, director and state geologist of the Kentucky Geological Survey, was appointed on August 28, by Governor Flem D. Sampson, delegate to represent the Commonwealth of Kentucky at the International Geographical Congress which meets in Paris from September 16 to 24. Dr. Jillson, accompanied by Mrs. Jillson, sailed early in September. He will also represent the Kentucky Geological Survey, Syracuse University, the University of Washington and the Kentucky Academy of Science. Dr. Jillson will read a paper before the congress on "The Geography of Kentucky."

MR. RAYMOND C. SHANNON, who worked on Dip-tera in the U. S. National Museum some years ago and has since been continuing with mosquito work in Brazil under the International Health Board, returned to Washington on August 3 and will be in the United States for about six months. Mr. Shannon will spend most of his time in the study of mosquitoes.

DR. ROSCOE W. TEAHAN, medical director of Jeanes Hospital for the treatment of cancer in Philadelphia, has returned from a six weeks' tour for the study of cancer in medical centers of Europe.

UNDER the will of the late Payne Whitney, who left an estate valued at \$200,000,000, the following institutions received legacies: The New York Hospital, \$21,691,593; New York Public Library, \$7,230,531; Cornell University, \$3,286,605; Nassau Hospital, \$657,321; Groton School, \$1,314,642, and to trustees for charitable and educational purposes, \$30,236,766.

THE Barker Foundation of Chicago has made a grant for research by Robert H. Gault, of Northwestern University, during a period of five years beginning on September 1. The work relates to the sense of touch and the possibility of extending its usefulness as a medium for learning to interpret and to use spoken language. A grant for the same research through a two-year period, beginning on September 1, has been made by the Illinois State Department of Public Welfare.

UNDER the will of Mrs. Mary F. W. Dickinson, \$5,000 has been bequeathed to the New York Association for the Blind and \$2,000 to the Chicago Nursery and Half Orphan Asylum.

THE American Hospital Association will hold its convention from September 28 to October 2. Dr. Winford H. Smith, director of the Johns Hopkins Hospital, will read a paper at the meetings.

THE meeting of the American Public Health Association opened on August 28 in Montreal, under the presidency of Dr. Hugh S. Cumming, surgeon-general of the U. S. Public Health Service.

THE German Society of Heredity will hold its meeting in Munich, from September 13 to 17. There will be a reception on September 13. On September 14, a review will be delivered by Dr. Paula Hertwig on "Artificial Production of Mutations and its Theoretical and Practical Results," followed by reading of papers. A review by Dr. Schwemmle-Erlangen on "The Relation between Cytology and Genetics in Oenothera Studies" will be given on September 15, followed by papers. On September 16, there will be three reviews as follows: von Verschuer on "Biological Basis of Human Multiple Births"; Siemens on "General Results of Human Twin Investigation"; Luxenburger on "Relation of Human Twin Investigation to Medicine." The reviews will be followed by papers.

THE nineteenth annual meeting of the Indian Science Congress, according to *Nature*, will be held in Bangalore from January 2 to 8, 1932, under the presidency of Rai Bahadur Lala Shiv Ram Kashyap. The following persons have been elected sectional presidents: Agriculture, Mr. G. N. Rangaswamy Ayyangar; mathematics and physics, Professor Ganesh Prasad; chemistry, Professor P. R. Ray; zoology, Professor D. R. Bhattacharyya; botany, Dr. Haraprasad Chaudhuri; geology, Mr. Percy Evans; medical and veterinary research, Lieutenant-Colonel A. D. Stewart; anthropology, Mr. J. P. Mills; psychology, Professor N. S. N. Sastry.

THE first Congress of Medical Geography will be held at Geneva in October. The subject for discussion will be hepatic cirrhosis.

THIRTY-SEVEN countries were represented at the Berne Hygiene Exposition and International Congress on Neurology, which met at the University of Berne, from August 31 to September 5. Professor W. Sachs, of New York, presided over the 1,200 delegates from America and Europe. The president of the Swiss confederation was honorary chairman.

THE second International Congress of Tropical Medicine will be held in Amsterdam, Holland, from

September 12 to 17, 1932, under the presidency of Professor G. Grijns. The main subjects to be discussed at the general session of the congress are: (1) Avitaminoses with special reference to beri-beri, (2) yellow fever and 2b leptospiroses, (3) helminths with special reference to hookworms, and (4) malaria with special reference to blackwater fever. Special speakers have been invited for each of the above subjects. In addition to the general meeting, section meetings will be held at which there will be an opportunity to discuss other subjects. Persons desiring to participate in the congress should notify the general secretary, Professor E. P. Snijders, Institute of Tropical Hygiene, Amsterdam, Holland, not later than December 31, 1931. The subscription fee is one pound sterling (12 Dutch guilders), payable at the Nederlandsche Bank, Amsterdam.

ACCORDING to *Industrial and Engineering Chemistry*, the van't Hoff Fund, founded to endow investigators in the field of pure and applied chemistry, has available for 1932 approximately 1200 Dutch guilders. Applications must be sent by registered mail to Het Bestuur der Koninklijke Akademie van Wetenschappen, bestemd voor de Commissie van het "van't Hoff-Fonds," Trippenhuys, Kloveniersburgwal, Amsterdam, Holland, and must be received before November 1, 1931. Applicants should give a detailed account of the proposed use of the grant and of the reasons upon which the claim is based. Copies of papers resulting from the work must be sent to the committee, but may be published in any journal, with a note to the effect that the work was supported by a grant from the van't Hoff Fund.

BEFORE attending the meeting of the American Public Health Association in Montreal, Canada, an official delegation of physicians, representing the Association of Medical Officers of Health of Great Britain, is making a study of federal, state and municipal health organization and administration in the United States.

THE trustees of the University of the Philippines have closed the college of dentistry "because disputes

had destroyed the usefulness and efficiency of the college."

RITTER HALL, the new \$120,000 laboratory at the Scripps Institution of Oceanography, opened about September 1. The new building will make available an additional 14,000 square feet of laboratory space, which will augment the laboratory space in the library building and in the George H. Scripps laboratory building. The new laboratory occupies a ground space of 46 by 100 feet and is three stories in height. The first floor contains laboratories equipped with tanks for salt-water fish, a laboratory for photographic purposes, a twelve-unit refrigeration department, in which salt brine is maintained at an even temperature, a transformer vault, boiler rooms, a carpenter shop and workrooms.

A SERIES of illustrated lectures will be delivered in the lecture hall of the Museum Building of the New York Botanical Garden at 3:30 as follows: September 5, "Microscopic Projection of Plant Sections," Professor W. J. Bonisteel, professor of botany and pharmacognosy at Fordham University; September 12, "Flowers in Late Summer Gardens," Mr. Kenneth R. Boynton, head gardener; September 19, "The Gardens of the World," Colonel E. A. Havers; September 26, "Color Photography in the Garden," Mrs. Jerome W. Coombs, of Scarsdale; October 3, "Dahlia," Dr. Marshall A. Howe, assistant director; October 10, "Plant Distribution in Malaya," Dr. Elmer D. Merrill, director-in-chief; October 17, "Autumn Coloration," Dr. A. B. Stout, director of laboratories; October 24, "Botanical Activities in the United States," Dr. John Hendley Barnhart, bibliographer; October 31, "The Ancestral History of Some Living Plants," Dr. Arthur Hollick, paleobotanist; November 7, "Autumn in the Garden," Mrs. Wheeler H. Peckham, honorary curator, iris and narcissus collections; November 14, "Some Edible and Poisonous Mushrooms from Maine," Professor H. Beaman Douglass; November 21, "A Botanist's Rambles through the West Indies," Mr. Robert Hagelstein, honorary curator; November 28, "A Winter in Bermuda," Dr. Fred J. Seaver, curator.

## DISCUSSION

### SUBMERGED PEAT BEDS AMONG THE APOSTLE ISLANDS

IN SCIENCE for February 13, 1931, Dr. L. R. Wilson, of the University of Wisconsin, discusses evidences which seem to show a recent lower lake level in the western part of the Lake Superior basin. The evidences consist of peat and overlying sand that was dredged from the bottom of the lake at two localities among the Apostle Islands. It is stated that the peat was brought up from a depth of 54 feet and was cov-

ered by about 14 feet of lake sand. It is stated, further, that upon analysis the peat was found to be very fresh and that the sand shows characteristics which indicate that it was deposited since the retreat of the last ice-sheet. Dr. Wilson ventures the opinion that the occurrence of this peat in the situation described "is not in accordance with our present ideas concerning the post-glacial history of the region." I would like to point out that, instead of being out of accord with our present ideas, the submerged peat