

California to have charge of the work in pomology at Berkeley.

With the appointment of Harry S. Smith, chief of the Bureau of Pest Control, Sacramento, as associate professor of entomology in the University of California, the work in the biological control of insect pests formerly conducted by the State Department of Agriculture has been transferred to the University of California. Mr. Smith assumed his duties in connection with the university on July 1, and is stationed at the Citrus Experiment Station, Riverside. H. M. Armitage, entomologist, and A. J. Basinger and Harold Compere, assistant entomologists, will be stationed at the Whittier Laboratory which is to be retained for this work. The regulatory and police functions of the Bureau of Pest Control will be retained by the State Department of Agriculture. The university will continue to maintain one or more explorers in foreign countries in the search for promising beneficial insects. Mr. E. W. Rust, the present parasite collector, will be stationed in South Africa during the coming year.

SCIENTIFIC NOTES AND NEWS

DR. T. G. BONNEY, the distinguished English geologist, celebrated his ninetieth birthday on July 27.

IN connection with the recent international conference of chemists in Cambridge the doctorate of science was conferred upon Dr. Wilder D. Bancroft, professor of physical chemistry at Cornell University.

IN addition to the election of Professor Charles F. Chandler to honorary membership in the Society of Chemical Industry, announced last week in *SCIENCE*, Prince Ginori Conti, president of the Italian Chemical Society; M. Paul Kestner, president of the French Society of Chemical Industry; Professor Joji Sakurai, Japan, and Sir Dorabji J. Tata, India, have been elected honorary members.

M. JEAN PERRIN, professor of physical chemistry at the Sorbonne, has been elected a member of the Paris Academy of Sciences, in place of M. Bonty. M. René Maire has been elected correspondent in botany to succeed the late M. Battandier, and Sir Robert Hadfield, of Sheffield, correspondent in chemistry in the place of M. Paterno, who has become associate member.

IT is announced in *Nature* that the Royal Danish Academy at its last annual meeting elected the following honorary foreign members: Professor Albert v. Le Coq, of Berlin, Professors Charlier, J. Forssman and C. M. First, of Lund, Dr. F. A. Bather, of the British Museum, and Professor F. O. Bower, of Glasgow.

THE staff of the laboratory of the Henry Phipps Institute of the University of Pennsylvania recently gave a farewell dinner in honor of Dr. Paul A. Lewis, for thirteen years director of the laboratory. Dr. Lewis has accepted a position at the Rockefeller Institute, Princeton, N. J.

THE title of emeritus professor has been conferred by the University of London on Dr. W. D. Halliburton, on his retirement from the chair of physiology at King's College, which he has held since 1890.

PROFESSOR ANDREW GRAY is retiring from the chair of natural philosophy of the University of Glasgow in which he succeeded Lord Kelvin in 1899.

PROFESSOR CHRISTIAN EIJKMAN, of Utrecht, is retiring from his chair and the charge of the Hygiene Institute, having reached the age limit. His pioneer work on beriberi and other deficiency diseases was done in the Dutch East Indies, but he continued to work after returning to the Netherlands in 1898.

DR. ERNST BECKMANN, formerly professor of applied chemistry at Leipzig and until recently director of the Institute for Chemistry at Dahlem, celebrated his seventieth birthday on July 4.

THE Triennial Congress of the International Surgical Society, under the presidency of Sir William Macewen, was formally opened on July 17 by the Prince of Wales at the Royal Society of Medicine, London, before a large gathering of delegates, representing about sixteen nations. Lord Curzon of Kedleston, secretary for foreign affairs, and Mr. Neville Chamberlain, minister of health, welcomed the delegates on behalf of the government. In his address of welcome the Prince of Wales said: "I am also glad to extend that welcome to your last president, Professor Keen, of Philadelphia, who, in spite of the eighty-six years he carries so lightly, and the weight of a world-wide reputation, is again amongst us ready, as always, to take part in every meeting—social as well as scientific—of this distinguished gathering."

A PORTRAIT of President James Rowland Angell, of Yale University, formerly professor of psychology and dean of the faculties at the University of Chicago, has recently been completed by Ralph Clarkson, of Chicago, who has painted portraits of a number of other members of the faculties, including Professor Albert A. Michelson, head of the department of physics; Professor Thomas C. Chamberlin, formerly head of the department of geology, and Professor Rollin D. Salisbury, late dean of the Ogden Graduate School of Science. A portrait of Professor John Merle Coulter, for twenty-seven years head of the department of

botany, has been painted by a well-known artist from Vienna, and will be presented to the university by colleagues and former students of Professor Coulter.

SIR JOHN BLAND SUTTON has been elected president and Sir Berkeley Moynihan and Mr. H. J. Waring have been elected vice-presidents of the Royal College of Surgeons of England.

At the annual meeting of the Manchester Literary and Philosophical Society, Professor H. B. Dixon was elected president; the vice-presidents are Mr. T. A. Coward, Professor A. Lapworth, Mr. C. E. Stromeyer and Professor F. E. Weiss.

At the annual general meeting of the Röntgen Society, London, the following officers were elected: *President*, Sir Oliver J. Lodge; *vice-presidents*, Sir Ernest Rutherford, Dr. A. E. Barclay and Dr. F. W. Aston.

SIR FRANK DYSON has been appointed to represent the International Astronomical Union on the International Research Council. Norway, Spain, Switzerland and Portugal have now joined the union.

MR. E. G. BOULENGER, at present curator of reptiles at the Zoological Gardens, London, has been appointed director of the new aquarium. Miss Joan B. Procter has been appointed curator of reptiles.

DR. WALLACE CRAIG, formerly professor of philosophy in the University of Maine, has been appointed librarian in the department of biophysics of the Cancer Commission of Harvard University.

MR. IVAR N. HULTMAN has recently been made chemist in charge of operations at the Kingsport plant of the Tennessee Eastman Corporation. At the close of the war Mr. Hultman became associated with the synthetic organic chemistry department of the Eastman Kodak Company, at Rochester, N. Y. About two years ago he was transferred as chemist at the Passaic plant of the Eastman Chemical Corporation, which position he has held until the present time.

THE following have recently joined the research laboratory staff of the Eastman Kodak Company: Robert F. Mehl, who finished his graduate work at Princeton this year; Paul A. Anderson, who finished his graduate work at Harvard this year; Dr. Merle Dundon, National Research Council Fellow at Ohio State during the past year; Arthur B. Corey, instructor in chemistry, University of Vermont, during the past two years; J. L. Miles, Dartmouth, 1923; E. H. Grupe, Union, 1923; George W. Chapin, Allegheny; Harold C. Folts, Syracuse, 1923, and E. M. Lowry, instructor in physics, Syracuse University, during the last two years.

THE annual representative meeting of the British Medical Association opened at Portsmouth on July 20 under the chairmanship of Dr. R. Wallace Henry, of Leicester, clerk of the representative body. Mr. J. Basil Hall, M.A., F.R.C.S.E., was elected president of the association for 1924-25, and it was decided that the annual meetings in 1925 should be held in Bath. Sir Daniel Drummond, president of the association in 1921-22, was chosen a vice-president in recognition of his past services, and the following were elected overseas vice-presidents of the association: Mr. George Adlington Syme (Melbourne), Dr. Robert Henry Todd (Sydney), Dr. Harry Edward Gibb (Wellington, New Zealand), Dr. Wilfred Watkins Pitchford (Johannesburg), Dr. Dugald Campbell Watt (Pietermaritzburg). Dr. S. Morton MacKenzie (Dorking), chairman of the organization committee, in presenting that body's report, said that the association now had 25,454 members. Two thousand new members had joined since the beginning of the year. Allowing for losses from death and other causes there had been a gain of 1,172 in the membership since January last. Of their members 607 had belonged to the association for more than forty years.

THE 104th annual meeting of the Swiss Society for Natural Sciences will be held from August 30 to September 2 at Zermatt. This will be the fifth occasion when the society has met in the Canton of Valais. The work of the meeting will be divided into fifteen sections as follows: (1) Mathematics, (2) physics, (3) geophysics, meteorology and astronomy, (4) chemistry, (5) geology, mineralogy and petrography, (6) botany, (7) zoology, (8) entomology, (9) paleontology, (10) anthropology and ethnology, (11) medical sciences, (12) history of medicine and the natural sciences, (13) veterinary medicine, (14) pharmacy, and (15) engineering science. In addition to the sectional gatherings, there will be general discussions which will be addressed by distinguished men of science. Among the topics thus dealt with will be: *Phylloxera* in Valais, by Dr. H. Faés, director of the Federal Viticultural Station, Lausanne; earthquakes in Switzerland, by Dr. A. de Quervain, of the University of Zurich; and the geology of the neighborhood of Zermatt, by Professor E. Argand, professor of geology, paleontology and petrography in the University of Neuchâtel. The following officers have been appointed for the meeting: *President*, Rev. C. M. Besse; *vice-president*, Dr. J. Amann; *treasurer*, M. E. de Riedmatten, and *secretary*, M. A. de Werra, of Sion, Valais.

THE agricultural and food division of the American Chemical Society combines with the fertilizer division at the Milwaukee meeting of the society in September to hold a symposium on fertilizers, soils and crops.

In the past few years there has seemed to be a need for what may be termed the problem viewpoint of research in soil problems. The different divisions of work are so woven together that it takes a meeting bringing together men from the different branches of science, pure and applied, to adequately discuss the problems involved. We are requested to state that those who can present papers on subjects that should come before this meeting as well as those who have subjects or speakers to suggest should communicate with H. A. Noyes, chairman of the agricultural and food division of the American Chemical Society, in care of the New Rochelle Research Laboratories, New Rochelle, New York.

THE one hundred and twenty-eighth meeting of the American Institute of Mining and Metallurgical Engineers, it is announced, will be held on August 20 to 31 in Ontario and Quebec. With the cooperation of the Minister of Mines of these two provinces and of the members of the Canadian and American Institutes of Mining and Metallurgical Engineers, the vast mineral wealth of Canada will be placed on exhibition. Petroleum and gas will be among the principal general subjects of the technical sessions, which are to be held in Montreal. The geology of Santa Elena oil fields, Ecuador, will be discussed by Joseph H. Sinclair, of New York, and Professor Charles P. Berkey, of Columbia University. Other papers will be presented by A. F. Meston, of New York, and Oliver U. Bradley, of Muskogee, Okla.

EARL G. STURDEVANT, who has served as professor of physical chemistry at Western University, London, Canada, since 1920, resigned this position on June 1 to accept a position with the Western Electric Co. as development engineer. Dr. Sturdevant is working on the manufacture of insulated wire.

JOHN H. SCHMIDT has resigned his instructorship in organic chemistry at the University of Wisconsin to accept a position as research chemist with the Redmanol Chemical Products Co., Chicago, Ill.

W. C. GANGLOFF, formerly research chemist with the National Aniline and Chemical Co., is now chief chemist with Dextro Products, Inc., Buffalo, N. Y.

THE public health service of Spain has appointed the following three physicians to the fellowships offered by the Rockefeller Foundation for a visit of inspection and study in America: Drs. Fernández Besones, inspector for Salamanca province; Ortiz de Landazuri, of the central sanitary brigade, and Fuego, the bacteriologist of the public health headquarters at Vigo.

DR. C. E. KENNETH MEES, director of the research laboratory of the Eastman Kodak Company, sailed

for England on July 6 for an extended business trip. Dr. S. E. Sheppard has been made acting director of the laboratory.

PROFESSOR RALPH G. WRIGHT, head of the department of chemistry of Rutgers College and the State University of New Jersey, has been granted a year's leave of absence. Ernest Little, acting professor of chemistry at the university, will be the acting head of the chemistry department during Dr. Wright's absence.

LEAVE of absence has been granted to Professor Cossar Ewart, Regius professor of natural history in the University of Edinburgh, to enable him to accept the invitation of the government of Australia to attend the Pan-Pacific Science Congress in Australia. His recent researches into the origin of the merino sheep and on the evolution of wool have been of great practical value, and he has been specially invited to contribute to the proceedings of the congress.

UNIVERSITY AND EDUCATIONAL NOTES

THE student body, alumni and friends have decided to establish a research endowment foundation at the Detroit College of Medicine and Surgery. It is hoped to raise at least \$100,000 to make the foundation permanent. It is announced that a scholarship in pathology, valued at about \$18,000, has been raised during the past year, and that the alumni association is now engaged in raising a European scholarship of \$20,000, which will enable the college to send at least one student to Vienna, Glasgow or Edinburgh each year.

FOLLOWING on the death of his widow, the estate of the late Professor Campbell Brown has been handed over to the University of Liverpool under the conditions stated in his will. These provide that: (1) A Campbell Brown chair of industrial chemistry shall be established, the first professor to specialize in oils, fats and waxes. In the first instance the salary shall be £1,000 per annum. (2) The income of a sum of £5,000 shall be placed at the disposal of the professor for the upkeep of his department. (3) A Campbell Brown fellowship, value £150 per annum, and (4) The balance to be used for scholarships.

WITH a view to improving the health conditions of the Japanese people, Baron Masuda and Baron Mitsui have each contributed 200,000 yen to the Keio University to establish a food research laboratory in connection with the university hospital. This food laboratory will be the first of its kind in Japan. Dr. Kenta Omori, the head of the research work, and Dr. Z. Kawakami will soon be sent by the Keio University authorities to America and then to Europe for the