

D'Arcy Wentworth Thompson, C.B., D.Litt., F.R.S., professor of natural history, St. Andrew's University, scientific member of fishery board for Scotland, British delegate on Behring Sea and North Sea conferences.

Henry William Marett Tims, O.B.E., M.D., reader in zoology in Bedford College, London, lecturer on comparative dental anatomy and physiology in the Royal Dental Hospital, London.

D. M. S. Watson, M.Sc., F.R.S., professor of zoology and comparative anatomy, University College, London, will speak on paleontology and Mendelism, and discuss "The origin of vertebrates."

R. Ramsay Wright, LL.D., emeritus professor of biology, Toronto University, previously of Edinburgh University and vice-president of the University of Toronto, 1901-12.

### THE AMERICAN MEDICAL ASSOCIATION

THE seventy-fifth annual session of the American Medical Association was opened in Chicago, on June 9, when the house of delegates met. The scientific assembly held a general meeting on the evening of June 10, when Dr. William Allen Pusey, of Chicago, was installed as president and delivered an address. The sections, of which there are sixteen, met on the three following days. A series of clinics were held and daily demonstrations given of fresh pathological material, both human and animal, and also a special demonstration of modern methods of studying the heart; the New York association for the prevention and relief of heart disease arranged an exhibition illustrative of its work. Various other associations took the opportunity of showing their methods of work; among them were included the League of Nations, the American Association of Hospital Social Workers, the American Social Hygiene Association, and the Medical Women's National Association. The United States Department of Agriculture arranged a special Pasteur exhibit illustrating his work on chicken-cholera, anthrax and rabies. Various departments of the American Medical Association gave exhibits, including the council on pharmacy and chemistry, the propaganda department of the *Journal of the American Medical Association*, the council on medical education and hospitals, and the bureau of health and public instruction. All the meetings and demonstrations took place in the buildings on the Municipal Pier, where there is a motion picture theater, which was used to show a number of scientific films. In addition a large number of pathological specimens were shown by various individuals and institutions, the latter including the Mayo Clinic, the department of pathology of the Rush Medical College, Chicago, and the medical schools of the University of Illinois and Kansas. A special feature was a collection of various models and appliances for the teaching of pathology and clinical medicine

and surgery. The commercial exhibition was on a large scale, and among the objects shown were books, foods and beverages for adults and infants, instruments and apparatus, pharmaceutical preparations and apparatus for treatment by X-rays and electricity.

### SCIENTIFIC NOTES AND NEWS

AT Harvard University the doctorate of science has been conferred on Edmund B. Wilson, of Columbia University, and on Dr. W. J. Mayo, of Rochester, Minn.

QUEEN'S UNIVERSITY, Ontario, has conferred the degree of doctor of laws on S. A. Mitchell, professor of astronomy at the University of Virginia and director of the Leander McCormick Observatory, on account of his "international eminence as an astronomer."

At a special congregation on July 5, the University of Birmingham, England, will confer the honorary degree of LL.D. upon Sir Charles Sherrington, president of the Royal Society, Sir John Bland-Sutton, president of the Royal College of Surgeons of England, Sir Arthur Keith, Hunterian professor at the Royal College of Surgeons of England, Dr. F. Gowland Hopkins, Sir William Dunn, professor of biochemistry in the University of Cambridge.

DR. THOMAS HUNT MORGAN, professor of zoology at Columbia University, has received the honorary degree of LL.D. from the University of Michigan.

At the sixty-eighth annual commencement of Tufts College, held on June 16, the honorary degree of doctor of science was conferred on Edward Ray Weidlein, director of the Mellon Institute of Industrial Research of the University of Pittsburgh.

THE UNIVERSITY OF MARYLAND at its commencement exercises conferred the honorary degree of doctor of pharmacy on Dr. David I. Macht, lecturer in pharmacology at the Johns Hopkins University, in recognition of his contributions to pharmacology and experimental therapeutics.

EMIL BOREL, professor of mathematical physics at the University of Paris, will represent the Association Française pour l'Avancement des Sciences at the Toronto meeting of the British Association in August.

DR. WILLIAM M. WHEELER, professor of entomology and dean of the faculty of the Bussey Institution at Harvard University, has been named to represent the university as exchange professor in France during the second half of the next college year.

DR. THEODORE LYMAN, Hollis professor of mathematics and natural philosophy and director of the

Jefferson physical laboratory at Harvard University, has been elected president of the American Academy of Arts and Sciences.

THE Linnean Society has conferred its gold medal on Professor W. C. M'Intosh, F.R.S., late director of the University Museum and the Gatty Marine Laboratory at St. Andrews.

A DINNER in honor of Dr. Claude Regaud, director of the Radium Institute, Paris, was given on June 19, at the Hotel Commodore by the New York Roentgen Society.

WILLIAM GAERTNER, president of the Gaertner Scientific Corporation, Chicago, has been awarded the Howard N. Potts Gold Medal by the Franklin Institute, "in consideration of his notable achievement as a designer and maker of scientific instruments, materially contributing to the success of the research in physical science."

DR. WALTER G. BAIN, Springfield, was elected president of the Illinois State Academy of Science, at the annual meeting, held recently at Elgin.

DR. EUGENE A. CROCKETT, of Boston, has been chosen president of the American Otological Society at its fifty-seventh annual meeting.

DR. ERICH HAUSMANN, Thomas Potts professor of physics and professor of electrical communication at the Polytechnic Institute of Brooklyn, was elected president of the New York Electrical Society at the annual meeting held on June 5. William S. Murray, Samuel G. Rhodes and Arthur E. Allen were elected vice-presidents, David Darlington treasurer, and Mr. Henry E. Farrer secretary.

DR. ARTHUR W. GILBERT, professor of plant breeding at Cornell University, was appointed by the Secretary of State to head the American delegation to the meeting of the general assembly of the Institute of Agriculture, which was held in Rome.

DR. WILLIAM CAMPBELL has been appointed first Howe professor of metallurgy at Columbia University. The trustees created the new chair in honor of the distinguished service of the late Henry Marion Howe, professor of metallurgy from 1897 to 1913, and president in 1893 of the American Institute of Mining and Metallurgical Engineers.

DR. CAMPBELL P. HOWARD, for fourteen years head of the department of theory and practice at the University of Iowa, has resigned to accept the position of professor of medicine at McGill University, Toronto, Canada, and physician to the Montreal General Hospital.

TE RANGI HIROA (Dr. P. H. Buck), director of Maori Hygiene, Auckland, has been appointed asso-

ciate in anthropology on the staff of Bernice P. Bishop Museum, Honolulu. He is sub-editor of the *Polynesian Journal*, a member of the board of Maori Ethnological Research and external examiner in anthropology to the University of New Zealand.

PROFESSOR RAYMOND PEARL, of Johns Hopkins University, gave a lecture at University College, London, on June 24, on some recent experimental and statistical studies on the alcohol problem.

THE Croonian lectures at the Royal College of Physicians of London were given this month, beginning on June 17, by Sir Leonard Rogers, M.D., F.R.S., whose subject was researches on leprosy and their bearing on the treatment of tuberculosis.

GRENVILLE A. J. COLE, F.R.S., has died at the age of 75 years. He held the professorship of geology in the Royal College of Science for Ireland from 1890 until his death, and was dean of the college for two years. In 1905 he became director of the Geological Survey of Ireland.

DR. EDWIN E. SPARKS, former president of the Pennsylvania State College, died suddenly on June 15 from a heart attack.

FRANK B. GILBRETH, well-known mechanical engineer and authority on industrial efficiency, died on June 14, aged fifty-six years.

DR. JOHAN NORDAL FISCHER WILLE, professor of botany in the University of Christiania, Norway, has died at the age of sixty-six years.

DR. FORBES FRASER, Surgeon, Royal United Hospital, Bath, who was to have been president of the British Medical Association at its annual meeting next year, died on May 28.

A COURSE of lectures on psychology has been established at Clark University, made possible through the generosity of Dr. E. E. Powell, of Miami University, Ohio. Three of the lecturers will be Dr. Knight Dunlap, of Johns Hopkins; Dr. E. B. Titchener, of Cornell, and Dr. John B. Watson, of New York.

THE annual meeting of the Society of Chemical Industry of England will be held in Liverpool, July 9 to 12. Headquarters for the meeting will be at Midland Adelphi Hotel, Liverpool. The program includes an informal reception by the president, E. Frankland Armstrong, and the local committee at the headquarters hotel; a general meeting including presidential address on "A neglected chapter in organic chemistry: the fats," and the Messel memorial lecture and award of the Messel medal for 1924 to Rt. Hon. Viscount Leverhulme.

WE learn from *Nature* that the hundred and fifth annual meeting of the Swiss Society of Natural Sci-

ences will be held on October 1 to 4, at Lucerne, under the presidency of Professor H. Bachmann. Professor Bachmann's presidential address will be delivered on October 2, and the morning sessions of the two succeeding days will be given over to the scientific work of the seventeen sections into which the congress will be divided. On October 4, addresses will be given by L. Michaud, professor of clinical medicine in the University of Lausanne, on the rôle of colloids in medicine, by Dr. F. W. Aston, on atoms and isotopes, and by Professor A. Einstein, on recent changes in the fundamentals of mechanics. Excursions have been arranged to places of anthropological, hydrobiological, zoological, and engineering interest in the neighborhood.

THE Western Society of Engineers has conferred upon Arthur N. Talbot, professor of municipal and sanitary engineering at the University of Illinois, its annual reward upon "the engineer who has done the most to promote the happiness and welfare of humanity." B. T. Hawson, western editor of the *Railway Age*, was elected president of the society for the coming year.

DR. LOUISA MARTINDALE, of London, president-elect of the British Women's Medical Association, and Dr. Claude Regaud, of Paris, director of the radium institute of Mme. Curie at the University of Paris and professor at the Pasteur Institute, were guests of the American Medical Association at its convention in Chicago.

ALUMNI members of the University of Texas have pledged \$250,000 to that institution to be used for 250 research fellowships in the graduate department. Each year for five years fifty fellowships of \$1,000 each will be available to college graduates of the United States.

THE Mining and Geological Institute of India has awarded its gold medal for 1923 and the Government of India prize of rupees 500 to Mr. Lancaster D. Burling for a paper on "The origin of petroleum," presented to the institute during his stay in India as a geologist for the Whitehall Petroleum Corporation.

AWARD of prizes offered by the American Institute of Electrical Engineers for papers written by its members has been approved as follows: The transmission prize went to the paper on "High-voltage insulation," by J. L. R. Hayden and the late Charles P. Steinmetz, with honorable mention to Howard S. Phelps and E. Dean Tanger for their paper on "A new method for routine testing of alternating current high-voltage paper-insulated cable," and also to F. S. Dellenbaugh, Jr., for his paper on "Artificial transmission lines with distributed constants."

THE London County Council has announced the establishment of two fellowships to be known as the Robert Blair fellowships in applied science and technology. These fellowships, of which two will be awarded each year, carry a monetary grant of £450 each. Applicants must be British subjects, at least 21 years of age, preference being given to students of engineering science, and to those who have completed a course of study in London institutions, or have been identified with the London teaching service.

ACCORDING to the *London Times*, a lake-dwelling of the Bronze Age has been discovered on the Lake of Thun, Switzerland, and investigations will be made when the waters are lower. This is the first lake-dwelling to be discovered in the Bernese Oberland.

IN response to the request of the New Zealand board of science and art, arrangements have been made for the accommodation of "approved New Zealand scientists" on H. M. S. "Veronica" and H. M. S. "Laburnum" on cruises beginning early in June and ending in October. Special opportunity will be given for visiting the smaller islands in the vicinity of Rarotonga and Apia.

THE Rockefeller Foundation is supplying Germany with six copies each of four hundred British and American medical periodicals. Two copies will be kept in the libraries of Berlin and Munich, while the other four will be circulated throughout the various German universities, which will be divided for this purpose into four groups.

THE following appointments to fellowships and scholarships in chemistry have been made at Yale University for the year 1924-25: Floyd S. Daft, Cheney Silk Fellowship; Roger E. Blackburn, Du Pont Fellowship; Alice G. Renfrew, Cutler Fellowship; Evald L. Skau, Sterling Fellowship; Theodore K. Cleveland, University Fellowship; Lorenz P. Hansen, University Fellowship; Charles L. Lazzell, University Fellowship; Geneva Leopold, University Fellowship; Marion C. Pfund, University Fellowship; Elliott R. Weyer, Sterling Scholarship.

BENJAMINITE is a new argentiferous sulphobismuthite of lead and copper differing in ratios from any known mineral, which Earl V. Shannon has recently described in the proceedings of the U. S. National Museum. This new mineral was found in a quartz vein with molybdenite, mica and minor amounts of other minerals, near Round Mountain, Nye County, Nevada. It has been named in honor of Dr. Marcus Benjamin.

A CAMPAIGN to wipe out trachoma, an eye disease which has been epidemic among Indians, will be started July 1 by the Indian office and the Public Health Service. Plans for the crusade call for opera-

tions first in Arizona and New Mexico, which later will be extended to all Indian reservations. Temporary hospitals will be established in Indian school buildings unoccupied during the vacation period.

FORESTRY investigations in the southern pine belt will be greatly enlarged by the increased appropriation of \$25,000 for the Southern Forest Experiment Station made in the closing days of the past session of Congress. The increased appropriation will permit adding several men to the station staff and increasing the investigations now under way on forest fires, reforestation, methods of cutting timber to insure natural reforestation, better methods of turpentine to prevent killing timber, damage caused by grazing, rate of growth of timber and many problems connected with timber growing throughout the pine region.

THE Geographical Society of Geneva, acting on behalf of the International Red Cross Committee and of the League of Red Cross Societies, has decided to issue a scientific periodical entitled "*Matériaux pour l'étude des calamités*" (Contributions to the study of calamities). It will publish original articles, reviews of important publications dealing with particular chapters of geophysics (earthquakes, volcanoes, etc.), meteorology (cyclones, blizzards, floods, droughts, etc.), zoology (locusts), hygiene (epidemics, famines), reviews of important publications, recent information and data.

THE ninth report of the British committee for the investigation of atmospheric pollution, covering the year ended March 31, 1923, has been issued. The year's operations are described under six sections. The first deals with the results obtained by what is known as the standard deposit gauge, in which atmospheric impurity accumulates month by month with the rain. Thirty-five such gauges were in operation during the year. It is shown that there was a distinct improvement in the purity of the air during the year as compared with the average of preceding years. A table is given showing the places with the highest and lowest deposits for the year. The highest total deposits is shown in Rochdale and the lowest in Rothamsted; the greatest amount of tar was deposited in Newcastle-on-Tyne, while the highest deposit of sulphates was found in Southwark Park, London.

FRENCH chemists have perfected new methods of identifying pictures, according to the American Chemical Society. They use groups of red, blue, green, or white light to light the picture, and they examine the suspected canvass with the spectrometer. Employment of these various colors puts in relief the retouchings, scrapings and changed signatures which

constitute a false picture. By employing the ultraviolet ray they make the zinc white and certain varnishes stand out by fluorescence. Finally, by scraping off very small amounts of paint, they have made spectrographic analyses of them, and have been able thus to determine for example, in a false Renoir, the presence of a cadmium yellow, when Renoir only used chrome yellow.

## UNIVERSITY AND EDUCATIONAL NOTES

WELLESLEY COLLEGE has received \$500,000 for a new administration building by the gift of Colonel and Mrs. Edward H. R. Green, of New York.

A GIFT of \$500,000 has been made by John D. Rockefeller, Jr., to the division of fine arts of Harvard University to be applied to the fund of \$2,000,000 being raised for the erection and endowment of the new Fogg Art Museum at the university.

HERBERT E. BOLTON, professor of history at the University of California for the past twelve years, has been appointed president of the University of Texas.

DR. LEROY A. HOWLAND has been reappointed acting president of Wesleyan University.

DR. A. C. SEWARD, F.R.S., master of Downing College, and professor of botany, has been elected Vice-Chancellor of Cambridge University for the academic year beginning October 1 in succession to Dr. E. C. Pearce, master of Corpus Christi, who will have served the office for three years.

DR. WILBERT C. DAVISON, associate professor of pediatrics, Johns Hopkins Medical School, has been named assistant dean in that institution.

DR. R. F. RUTTAN, director of the department of chemistry, McGill University, has been appointed dean of the faculty of graduate studies and research, to succeed Dr. F. D. Adams, who has resigned from the university.

HERBERT S. LANGFELD, professor of psychology at Harvard University, has been appointed professor of psychology and director of the new psychological laboratory at Princeton University.

PROFESSOR E. R. HEDRICK, of the University of Missouri, has been appointed professor of mathematics at the University of California and will be in charge of the department of mathematics at the southern branch, Los Angeles.

APPOINTMENTS made at the University of Oklahoma include that of Dr. A. O. Weese, of James Milliken University, who has been made professor of zoology, and A. I. Ortonburger, of the American Mu-