

whom it was possible to do a favor. This was his pleasure. No trouble was too great or time-consuming; no return, not even thanks, was expected. No man ever had fewer enemies: his friends equalled in number those who knew him. When at last the heavy weight of disease was laid upon him he met it as a man should. No querulous repining: regret only that his work must stop; his solace that others would carry the good work on. Mother earth, that he loved well to measure and compute, will give him sleep; to him the peaceful end is surely a release.

HAROLD JACOBY

COMMISSION ON AGRICULTURAL RESEARCH

AT the meeting of the Association of American Agricultural Colleges and Experiment Stations at Baton Rouge last November a resolution was adopted instructing the incoming president of the association to appoint a commission of five persons to inquire into and report to the association on the organization and policy that should prevail in the expenditure of public money provided for experimentation and research in agriculture. It was provided that two of these persons should represent the research efforts of the association; one the United States Department of Agriculture, and two the scientific men not connected with agricultural investigations. The president of the association, Dean L. H. Bailey, of Cornell University, has appointed the following commission, the first two representing persons outside agricultural investigations, the second two representing the association, and the last representing the Department of Agriculture: David Starr Jordan, president of Leland Stanford University, *chairman*; Carroll D. Wright, president of Clark College; H. P. Armsby, director Pennsylvania State College Agricultural Experiment Station; W. H. Jordan, director of the New York State Experiment Station; Gifford Pinchot, forester, U. S. Department of Agriculture.

SEVENTH INTERNATIONAL CONGRESS OF PHYSIOLOGISTS

THE seventh International Physiological Congress will be held under the presidency of Professor A. Kossel in the Physiological Institute of the University of Heidelberg August 13, 14, 15 and 16.

Titles of papers and an exact list of apparatus or other articles required for demonstrations should be sent to the Physiological Institute at Heidelberg not later than June 15.

From August 12 to August 17 there will be held an exhibition of apparatus, by members of the congress, directors of physiological institutes and mechanics recommended by members or directors.

The official languages are French, German, Italian and English. The general secretaries are Professors Dastre (Paris), Fano (Florence), Grützner (Tübingen), Porter (Boston) and Sherrington (Liverpool).

THE CENTRAL BRANCH OF THE AMERICAN SOCIETY OF NATURALISTS

THERE will be held at the University of Wisconsin, Madison, Wis., on March 28, 29 and 30, 1907, meetings of the Central Branch of the American Society of Naturalists in affiliation with the Central Branch of the American Society of Zoologists, the Association of American Anatomists and the Central Branch of the American Society of Botanists. Each of these societies have an interesting program of papers and demonstrations. Papers will be read during the morning sessions on March 28 and 29 and demonstrations will be given in the afternoons. On Thursday evening, March 28, there will be a smoker for the affiliated societies and on Friday evening a dinner of the Naturalists and affiliated societies, at which time the address of the president of the Central Branch of Naturalists will be given by Professor J. Playfair McMurrich, of the University of Michigan.

SCIENTIFIC NOTES AND NEWS

LORD LISTER will celebrate his eightieth birthday on April 4, and it is proposed that to mark this event his scientific papers be col-

lected and published. Dr. C. J. Martin, director of the Lister Institute, Chelsea Gardens, London, S. E., will be glad to receive the names of those who desire to take part in this tribute.

THE council of the Royal Society has nominated for membership the following fifteen candidates: Frank Dawson Adams, Hugh Kerr Anderson, William Blaxland Benham, Lord Blythswood, William Henry Bragg, Frederick Daniel Chattaway, Arthur William Crossley, Arthur Robertson Cushny, William Duddell, Frederick William Gamble, John Ernest Petavel, Henry Cabourn Pocklington, Henry Nicholas Ridley, Grafton Elliot Smith, William Henry Young.

PROFESSOR W. A. TILDEN, F.R.S., professor of chemistry and dean of the Royal College of Science, London, has been elected a member of the Athenæum Club for 'distinguished services in science.'

DR. GEORGE E. HALE, director of the Solar Observatory of Mount Wilson, has been elected one of the alumni members of the corporation of the Massachusetts Institute of Technology.

DR. FREDERIC T. LEWIS, of the Harvard Medical School, Boston, Mass., has been appointed editor of *The American Naturalist*. The editor desires contributions from 'all naturalists who have anything interesting to say.' Candidates for the higher scientific degrees are invited to contribute concise summaries of the special literature pertaining to their chosen topics. All manuscripts should be sent to the editor.

It is announced that the Carnegie Institution of Washington will erect the laboratory for the study of human nutrition which is planned adjacent to the Harvard Medical School. The work is under the direction of Professor F. G. Benedict, of Wesleyan University.

THE Rumford Committee of the American Academy of Arts and Sciences has recently made the following appropriations in aid of researches on light and heat: To Professor F. E. Kester, of the Ohio State University,

\$315, in aid of his research on the thermal properties of gases flowing through porous plugs; and \$400 to Dr. Harry W. Morse of Harvard University, in aid of his researches on fluorescence.

At Oxford University grants have been made from the Craven Fund of £60 to Mr. Günther, M.A., fellow of Magdalen, to assist his archeological investigations in Southern Italy; of £70 to Mr. Burrows, M.A., of Christ Church, to assist his investigations in Bœotia with a view to determining the site of the Delium; and of £40 to Mr. Dodd, B.A., University College, to assist his study in Germany of the coinage and history of the Antonine period.

THE *British Medical Journal* states that the colleagues of Professor Ramón y Cajal and Professor Camillo Golgi, to whom was awarded the Nobel Prize for medicine, intend to mark their appreciation of the honor done their distinguished countrymen. On February 22 a meeting was held in the Colegio de Medicos, Madrid, at which it was agreed that a public subscription should be opened for a gold medal to be presented to Professor Ramón y Cajal; that a volume containing reports of original researches should be prepared under the direction of a committee consisting of Professors Calleja, Gomez Ocaña, Oloriz, Jimeno and San Martin, and that the government should be asked to confer a life senatorship on Professor Ramón y Cajal. The committee appointed to make arrangements for doing honor to Professor Golgi has decided that a scholarship bearing his name should be founded in connection with the University of Pavia.

DR. JOHN COLLINS WARREN, who has been instructor and professor of surgery in the Harvard Medical School since 1871, will become professor emeritus at the close of the present year.

DR. RAYMOND PEARL, instructor in zoology in the University of Pennsylvania, has accepted an appointment as biologist in the Maine Agricultural Experiment Station, Orono, Maine, beginning with the next academic year. The appointment is made under the

provisions of the Adams act. The work will be entirely research along the lines of plant and animal breeding. Especial attention will be devoted to an investigation of the principles of inheritance in poultry, a line of work which on its practical side has already been extensively developed by the station.

DR. FRIEDRICH MÜLLER, professor of medicine in the University of Munich, was tendered a complimentary dinner by prominent American physicians on March 8 at the University Club, New York. Dr. Francis P. Kinnicutt was toastmaster, and addresses were made by Drs. E. G. Janeway, A. Jacobi, W. H. Welch, L. F. Barker and by the distinguished guest. On March 9 Professor Müller spoke before the Harvey Society, and beginning on March 11 gave a series of six lectures on chemical pathology under the Herter foundation before the students of the University and Bellevue Hospital Medical College. He will visit Baltimore, New Haven, Boston, Albany, Montreal, Toronto and Cleveland.

PROFESSOR CHARLES S. MINOT, of the Harvard Medical School, has visited the Universities of Missouri, Kansas, Nebraska, Iowa and Louisville, and at each of these has delivered an address before the medical faculty and students on the new ideals of medical education for which the new laboratories of the Harvard Medical School stand. He also delivered before the Sigma Xi societies of the four state universities an address on 'The Biological Interpretation of Life,' speaking at Columbia, Mo., on the ninth of February; at Lawrence, Kansas, on the fourteenth; at Lincoln, Nebraska, on the sixteenth, and at Iowa City on the eighteenth. During his visit at Kansas University Professor Minot also delivered a course of three lectures on 'The Problems of Age, Growth and Death,' and a morning chapel address on the 'Functions of Consciousness.' At Louisville he participated as a representative of the university at the combined dinner of the Harvard and Yale Clubs, held on the evening of February 21.

PROFESSOR ROLAND THAXTER, of Harvard University, addressed the Botanical Club, on February 13, on 'A Botanical Trip to South America.'

PROFESSOR BECHTEREW, of St. Petersburg, has examined the brain of the late Professor Mendeléeff. It is said to weigh more than 1,200 grams, and to be remarkable for the number of its convolutions.

WE learn from the *Journal of the American Medical Association* that a research professorship in the Liverpool School of Tropical Medicine has been proposed as a memorial to Dr. Joseph Everett Dutton, who did valuable work in four successive expeditions sent out by this school to Nigeria, the Gambia, Senegambia and the Congo Free State. He described *Trypanosoma gambiense*, the parasite since recognized as the cause of sleeping sickness, and gained high distinction for himself and a world-wide renown for his school. While investigating tick fever, previously little known, he contracted that disease and died. The committee in charge of the fund says: "All who knew Dr. Dutton agree that the most fitting form which a memorial can take is one which will help to continue those researches in tropical medicine for which he gave his life." It is proposed to raise \$50,000, and over \$20,000 has already been pledged.

THE sum of \$30,500, given by more than 760 alumni as a Shaler memorial fund, has been accepted by the president and fellows of Harvard University. The fund will commemorate the long and great services of Professor Nathaniel Southgate Shaler. A sum has been set aside to procure a memorial tablet to be put in the geological section of the University Museum, or some other suitable place; and the income of the balance will be used for the benefit of the division of geology in support of original research and in the publication of the results of research.

DR. ALLAN MACFADYEN, head of the Biological Department of the Lister Institute of Preventive Medicine and one of the leading English bacteriologists, died on March 1, at the age of forty-six years, from infection contracted in his laboratory.

THE foreign papers state that the reporter of the inter-ministerial committee recently appointed by M. Barthou, minister of public works, to examine the various proposals for making a shorter route to Italy and to Central Europe has concluded in favor of the piercing of Mont Blanc. The report of the committee will now be discussed by the government, which will eventually propose a bill to parliament.

THE Goldsmith's Company has contributed the sum of 1,000*l.* to the research fund of the Chemical Society, London.

A GRANT of £1,000 has been made by the Mercers' Company to the Imperial Institute for scientific research in regard to the economic products of British Colonies and Protectorates.

UNIVERSITY AND EDUCATIONAL NEWS

AT the recent session of the legislature \$25,000 a year was added to the appropriation for maintenance of the University of North Carolina and \$25,000 a year for building and repairs. The annual appropriation for support is now \$70,000.

THE Alabama state legislature has recently passed a bill, since signed by Governor Comer, appropriating \$400,000 for buildings at the University of Alabama (at the rate of \$100,000 annually during this and the next three years), and \$25,000 a year towards maintenance. The latter is a continuing appropriation. This is the first time in the university's seventy-five years' history that the state has made a distinct appropriation for the regular work of the institution.

IN the state of West Virginia the new tax laws have yielded less revenue than the state has had formerly. The legislative appropriations for educational institutions have consequently been kept down to the level of previous years and have been further greatly reduced by the governor's veto. The state university, in spite of its recent rapid growth, receives considerably less than two years ago. To meet expenses the board of regents has been compelled to institute a system of tuition in the professional schools. The fund for

salaries in the medical school was cut out by the governor and no way has yet been found for making good the deficit.

AT the semi-annual meeting of the board of trustees of Princeton University on March 15, gifts amounting to more than \$75,000 were announced. Among the gifts was one of \$10,000 from Mr. Morris K. Jesup to increase the endowment of the Morris K. Jesup fund. Through the generosity of alumni the Carpenter building, situated on Nassau Street, has been purchased for the university.

AT a recent meeting of the board of trustees of Carroll College it was announced that Mr. Andrew Carnegie had offered to give the last \$25,000 of \$100,000 towards increasing the endowment. It was reported that \$75,000 had been pledged conditional, however, on raising a total of \$175,000. It is expected that the full amount of \$175,000 will be raised by June, 1908.

THE Massachusetts Institute of Technology has received a further anonymous gift of \$5,000 for the support of its Sanitary Research and Sewage Experiment Station.

DR. EDWARD CHARLES JEFFREY has been promoted to a professorship of plant pathology at Harvard University.

REGINALD ALDWORTH DALY, head geologist of the Canadian internal boundary commission, and formerly instructor in Harvard University, has been appointed professor of physical geology at the Massachusetts Institute of Technology.

DR. A. D. COLE, professor of physics at the Ohio State University, has accepted a call to Vassar College, to succeed Professor Cooley who retires at the close of the academic year.

WILLIAM D. ENNIS has been appointed to the chair of mechanical engineering at the Polytechnic Institute of Brooklyn.

DR. JAMES MARTIN BEATTIE, senior assistant to the professor of pathology, University of Edinburgh, has been elected by the council to the chair of pathology, in the place of Dr. Cobbett. Dr. Cobbett resigned the chair on his appointment as lecturer on bacteriology at Cambridge.