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### THE INTERNATIONAL TUBERCULOSIS CONGRESS

FOR the first time since 1908 the International Union Against Tuberculosis has convened in America. The sessions took place in Washington from September 29 to October 2, with Dr. Theobald Smith, director of the department of animal pathology of the Rockefeller Institute for Medical Research of Princeton, as president.

Fifty-eight foreign medical men, from twenty-two countries, were in attendance, and more than 500 physicians and public health workers from the United States gathered to attend the sessions. The program was followed by the twenty-second annual meeting of the National Tuberculosis Association, October 4 to 7.

Among the members from foreign countries in attendance were:

Austria—Professor Dr. Ernst Loewenstein, Vienna.

Canada—Dr. Jabez H. Elliott, Toronto; Professor Arthur Rousseau, Quebec; Professor James Miller, Kingston.

Czechoslovakia—Dr. Vladimir Novak, Brno.

England—Dr. F. J. H. Coutts, London; Sir Henry Gauvain, Alton; Miss Olga Nethersole, London; Dr. Nathan Raw, Richmond, Surrey; Dr. P. C. Varrier-Jones, Cambridge.

Scotland—Dr. Fergus Hewat, Edinburgh.

Wales—Colonel S. Lyle Cummins, Cardiff.

France—Dr. Leon Bernard, Paris; Mlle. Helene Mugnier, Lyons; Dr. B. Weill-Halle, Paris; Dr. Edouard Rist, Paris; Dr. F. Humbert.

Germany—Professor Friedrich von Müller, Munich; Dr. Friedrich Neufeld, Berlin; Frau Professor Lydia Rabinowitsch-Wempner, Berlin; Dr. Ferdinand Sauerbruch, Munich; Professor Dr. Hugo Selter, Bonn.

Holland—Dr. P. J. L. DeBloeme, Amsterdam.

Italy—Professor Vittorio Ascoli, Rome; Dr. G. B. Roatta, Florence; Professor Gaetano Ronzoni, Milan.

Japan—Dr. Rokuro Takano, Tokio.

Norway—Professor Francis Harbitz, Oslo.

Portugal—Professor Thiago d' Almeida, Porto.

Sweden—Professor Hans Christian Jacobaeus, Stockholm.

Switzerland—Dr. Frederick Jessen, Davos Platz; Dr. Jaquered Leysin; Dr. Ernest Zueblin, Zurich.

Venezuela—Dr. Carlos J. Bello, Caracas.

There are four counselors of the International Union from the United States: Dr. James Alexander Miller,

president of the New York Tuberculosis and Health Association, New York City; Dr. Theobald Smith, president of the International Union Against Tuberculosis and the National Tuberculosis Association; Dr. Gerald B. Webb, Colorado Springs, Colo., and Mr. Linsly R. Williams, managing director of the National Tuberculosis Association.

### SCIENTIFIC NOTES AND NEWS

IN 1927 the American Philosophical Society will celebrate the two hundredth anniversary of its founding. It has been decided to combine this celebration with the annual general meeting of the society, the dates fixed being April 27, 28, 29 and 30, 1927. The following resolution has been passed by the society: "That preparations be made to invest the annual meeting of the society in 1927 with a dignity and public importance worthy of so notable an anniversary in the world's history of learning."

THE American Association for the Advancement of Science has been invited to take charge of one of the meetings held in connection with the Sesquicentennial International Exposition. The meeting will be held in the Educational Building at three o'clock on the afternoon of October 16, the general subject being "The Contributions of Science and its Applications to the Welfare of the Nation since the Signing of the Declaration of Independence." Dr. John M. Coulter, professor emeritus of botany in the University of Chicago, past president of the American Association, will preside and open the discussion. Addresses will be made by Dr. C. E. McClung, professor of zoology and director of the laboratories at the University of Pennsylvania; Dr. J. McKeen Cattell, editor of *SCIENCE*, formerly professor of psychology at the University of Pennsylvania and Columbia University; Dr. W. A. Noyes, recently professor of chemistry and director of the laboratories at the University of Illinois, and Professor Dexter S. Kimball, professor of industrial engineering and dean of the College of Engineering of Cornell University.

THE Sweet Memorial Professorship Fund established at Cornell University in memory of Professor John Edson Sweet, the distinguished mechanical engineer who died in 1916, has now received subscriptions amounting to \$119,000.

THE Terry lectures for 1926-27, by Professor Robert A. Millikan, of the California Institute of Technology, were given at Yale University on October 13, 14 and 15. They will be repeated in Bridgeport at the United Congregational Church on October 17, 18 and 19.

DR. RICHARD WHIDDINGTON, Cavendish professor of physics and dean of the faculty of science at the University of Leeds, gave a lecture on the Bartol Research Foundation at the Franklin Institute on October 13. The subject of Dr. Whiddington's address was "The Luminous Discharge through Rare Gases."

PROFESSOR F. NEUFELD, director of the Robert Koch Institute of Infectious Diseases, Berlin, who gives two lectures under the DeLamar Lecture Foundation at the Johns Hopkins University on October 22 and 23, will deliver the first Harvey Society lecture at the New York Academy of Medicine on Saturday evening, October 30. His subject will be "Recent Investigations in Tuberculosis."

DR. S. G. BARKER, head of the physics department of the British Research Association for the woollen and worsted industries, has been appointed director of research in succession to Mr. H. J. W. Bliss, who has resigned.

DR. GEORGE T. MOORE, director of the Missouri Botanical Garden, has been elected to membership in the executive committee of the Institute for Research in Tropical America.

THE faculty of the Detroit College of Medicine and Surgery will give a dinner on October 19 in honor of Dr. Angus McLean, emeritus professor of surgery.

DR. VICTOR HAYES was installed as president of the Cincinnati Academy of Medicine on September 28.

PROFESSOR C. E. TURNER, of the department of biology and public health of the Massachusetts Institute of Technology, has been called upon to create a curriculum of health education in the public schools of Cleveland, Ohio.

DR. ALBERT G. NICHOLLS, for about twelve years professor of pathology and bacteriology at Dalhousie University, pathologist to the Province of Nova Scotia and director of provincial public health laboratories, recently resigned these positions.

DR. JAN SCHILT, formerly of the Leiden Observatory, has been appointed research assistant at the Yale Observatory.

HAROLD S. PALMER, professor of geology at the University of Hawaii, has been granted a sabbatical leave from the university for research in Europe and the South Seas.

PROFESSOR WILLIAM J. HUSSEY, of the University of Michigan, accompanied by Mrs. Hussey and Professor and Mrs. Richard A. Rossiter, left New York on October 9 on a year's expedition to South Africa, there to map the double stars of the Southern Hemisphere. A 27-inch telescope has already been shipped.

EDW. M. EHRHORN, for the last seventeen years chief of the division of plant inspection of the Board of Agriculture and Forestry, Honolulu, Hawaii, has retired from active service and is now engaged as consulting entomologist for several corporations in the work of termite control.

DR. P. A. ROSS, assistant professor of physics in Stanford University, and Dr. Warren W. Nicholas, who took his doctor's degree in physics at Stanford last June, will work at Cornell University with Professor F. K. Richtmyer the coming academic year in research in X-rays.

NELS A. BENGTSON, professor of geography at the University of Nebraska, is now a fellow at Clark University, where he is carrying on graduate work in geography.

DR. FREDERICK S. HAMMETT, of the Wistar Institute of Anatomy and Biology, addressed the Brooklyn Academy of Arts and Sciences on October 2 on "The Thyroid and the Reproductive System."

PROFESSOR FRIEDRICH VON MULLER, of the University of Munich, has given four Mayo Foundation lectures at Rochester. The subjects of his lectures to the fellows and faculty of the foundation were "Complications following Encephalitis," "Disturbances of the Bones and Joints caused by Aberrant Metabolism," "Granular Kidney" and "Goiter."

DR. EDOUARD RIST, of Paris, and Sir Henry Gauvain, of Alton, England, have arrived in Rochester, Minn., to give Mayo Foundation lectures. Both came to this country to attend the International Tuberculosis Congress and the meeting of the National Tuberculosis Association.

DR. ERNST COHEN will give a public lecture on "Van't Hoff, his Life and Work," at Brown University on October 11. The lecture is under the joint auspices of the John Howard Appleton Fund and the Rhode Island section of the American Chemical Society.

DR. FRANCIS HARBITZ, director of the institute of pathology at the University of Oslo, Norway, delivered the annual Gross Lecture of the Philadelphia Pathological Society at the College of Physicians, on October 11, on "Periarthritis Nodosa."

COLONEL E. LYLE CUMMINS, David Davies professor of tuberculosis, Welsh National School of Medicine, will deliver the Hermann M. Biggs Memorial Tuberculosis Lecture on October 22, at the New York Academy of Medicine, on "Clinical Differences in the Course of Tuberculosis seen in Various Age Groups and Races."

BEFORE the British Chemical Society on October 28,

the lecture founded in memory of the late Dr. Hugo Müller will be delivered by Professor S. P. L. Sørensen, of Copenhagen, who has chosen as his subject: "The Composition and the Characterization of Proteins."

IN the Royal Botanic Garden at Edinburgh on September 21, a tablet was unveiled to the memory of the late Sir Isaac Bayley Balfour, who was Regius keeper of the Garden from 1888 until 1922.

DR. FRANCIS E. NIPHER, professor emeritus of physics at Washington University, died on October 6, aged seventy-eight years.

DR. ALDO CHARLES MASSAGLIA, formerly professor of pathology and bacteriology at the University of North Dakota School of Medicine, died on September 2, aged fifty years.

DR. F. ALEXANDER GUTBIER, professor of chemistry at the University of Jena, committed suicide on October 5 in his laboratory by shooting. Professor Gutbier was fifty years old.

DR. E. KROMPECHER, professor of pathologic anatomy at the University of Budapest, has committed suicide on account of ill health by throwing himself from a window.

THE annual meeting of the American Ornithologists' Union was held at the Victoria Memorial Union, Ottawa, Canada, from October 11 to 14. An exhibition of ornithological art was a feature of the meeting.

THE genetics sections of the American Society of Zoologists and the Botanical Society of America will hold their annual meetings in Philadelphia on December 27, 28 and 29, in connection with the meetings of the parent societies. Titles and abstracts of papers to be presented should reach the section secretary not later than November 15. Persons who are not members of either parent society may present papers by introduction. Papers may be presented by (a) formal reading (limited to fifteen minutes), (b) informal demonstration, or (c) title only. All titles, however they are to be presented, should be accompanied by a typewritten abstract of not more than 250 words. Further information may be obtained from Dr. L. C. Dunn, secretary, Storrs Agricultural Experiment Station, Storrs, Connecticut.

THE Association of State Foresters, with members of the United States Forest Service attending as invited guests, held its annual meeting in Baltimore from October 11 to 13. In conjunction with the Baltimore sessions, trips were taken out into Maryland to see what this state is doing in fire prevention and suppression, forestry work with private owners,

planting of young forest trees, and general educational work in forestry. After their sessions and trips in Maryland, the foresters will come to Washington for conferences from October 14 to 15 with officials of the United States Forest service on the cooperative work under the Clarke-McNary Act—prevention and suppression of fire, forest taxation, distribution of planting stock to farmers, aid in handling woodlots, etc.

ACCORDING to a press dispatch, the Japanese government is planning to turn over the buildings of the Imperial Parliament for the meetings of the Pan-Pacific Scientific Congress, which is to assemble in Tokio on October 29 for a two weeks' meeting.

THE opening of the new home of the New York Academy of Medicine has been postponed until November. Meetings will be held in the present building on Forty-third Street until the new building is dedicated.

BEQUESTS by the late Mrs. Kate S. Richardson, of New York, include the sum of \$100,000 to the Peabody Museum of Salem.

IT is announced that Colonel William Boyce Thompson plans to convert a tract of 300 acres he owns on a ridge near Grassy Sprain Reservoir in Yonkers into an arboretum which will be opened to the public. The arboretum will be a part of the Boyce Thompson Institute for Plant Research.

A GROVE of redwoods on the Redwood Highway 250 miles from San Francisco has been deeded to the State by Mrs. Kate Felton Neilson in memory of her father, Charles N. Felton, one time United States Senator from California. This addition to the holdings of the State is said to be one of the most beautiful stands of virgin redwood trees in the vicinity of the Dyerville-Bull Creek area and contains approximately 100 acres with more than 7,000,000 feet of redwood timber. Since its organization in 1918 the Save-the-Redwoods League has preserved through appropriation and gift more than 3,000 acres of primeval redwoods representing a valuation of close to \$1,000,000.

AFTER conferences at the State House, Boston, on October 4, in which reports upon the investigation of the alleged cattle fraud were laid before Governor Fuller, the governor sent for Dr. Lester H. Howard, director of the Division of Animal Industry, and asked him to resign from the position. Dr. Howard's department has been charged with negligence as the result of the cattle frauds, recently brought to light. The method by which the state has been mulcted was that after a cow had been tagged as tubercular, and

the state payment for the animal made after it was ordered shot, the tag was removed and the cow transferred to another, who proceeded to again collect damages from the state.

THE Royal Veterinary and Agricultural College of Denmark, from August 24 to 27, celebrated the completion of an extensive building program which has greatly increased its research and educational facilities. The dedication ceremonies were attended by the King, members of the cabinet, foreign diplomats and scientists representing the following countries: United States, Great Britain, France, Germany, Belgium, Sweden, Norway, Iceland, Finland, Poland, Switzerland, Holland, Austria, Czechoslovakia, Hungary, Italy and Spain. The director of the college, Professor H. O. G. Ellinger, delivered the principal address using seven different languages. Technical addresses were delivered by Professor Hutyra (Hungary), Dr. Tage U. H. Ellinger (United States), Professor P. Guinier (France), Professor Marchlewski (Poland), Professor H. Perrin (France) and several members of the Danish faculty.

THE *Official Record* of the United States Department of Agriculture states that representatives of ten of the leading forestry schools of the country gathered at the Forest Products Laboratory of the Forest Service at Madison, Wis., during the week of August 30 for the second annual Forest School Conference. The purpose of the conference is to harmonize research on forest products as carried on by the Forest Service at the Madison laboratory and by the various schools of forestry and to promote the exchange of information between these agencies. The time of the recent conference was given to detailed presentations and discussions of "Utilization Methods employed by Industry to Use and Prevent Wood Waste."

*Industrial and Engineering Chemistry* summarizes information contained in a recent publication of the United States Civil Service Commission entitled "Opportunities for Chemists in the U. S. Civil Service" as follows: It confirms the fact that the government is a notoriously poor employer so far as rates are concerned. There are 805 chemists noted in this publication. A classification by income shows the following: five at \$6,000-7,500; thirty-four at \$5,200-6,000; one at \$4,500; one at \$4,200; twenty-seven at \$3,800-5,200; seventy-five at \$3,800-5,000; two at \$3,800; six at \$3,300-3,900; five at \$3,200-3,400; one at \$3,000-3,900; one hundred and eighty-five at \$3,000-3,600; three at \$2,700-3,000; two hundred and thirty-two at \$2,400-3,000; one at \$2,400-2,700; four at \$2,100-2,700; five at \$2,100-2,500; three at \$2,000-2,250; one hundred and sixty-six at \$1,800-2,400; forty-nine at day rates in navy. A classification by specialists shows that of the 805 there are 314 analysts, 45 inorganic chemists, 96 physical chemists, 206 or-

ganic chemists, 94 under more than one classification and 50 devoting themselves to executive work.

THE United States Department of the Interior announced recently that educational work in the National Parks of the West is being carried on this year on a larger scale than ever. The Field School of Natural History which was inaugurated in Yosemite National Park last year, has been continued during 1926. Three times as many persons have sought enrollment this year as in 1925. Two years of college work or the equivalent is necessary for enrollment. The work of the field school supplements the lower division university courses in botany and zoology, bringing first-hand acquaintance with various living forms. As the school is a contribution to nature education by the National Park Service, assisted by the California Fish and Game Commission, no tuition is charged. Lecture room, library and other facilities are available in the new museum building.

A SYSTEMATIC biological survey of Mt. Desert Island and the surrounding waters is being carried forward under the leadership of Mr. Wm. Procter, of Bar Harbor, Maine. The survey will deal first with the marine fauna in determining what and where the various forms may be found and in obtaining information regarding their breeding habits. The results will, if approved, be published at once and in accumulative form from year to year as the work progresses, so that such information as is acquired may be immediately available to investigators who wish to work at Mt. Desert. A corps of competent zoologists was organized for the work during 1926, headed by Dr. Henry C. Tracy, of the University of Kansas. When the survey is completed in part it will be presented to the Mt. Desert Island Biological Laboratory for publication and for the use of the workers at this laboratory.

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## UNIVERSITY AND EDUCATIONAL NOTES

ON the occasion of the opening lecture of Dr. Fritz Paneth as visiting professor at Cornell University, it was announced that the anonymous donor of the \$250,000 given last year to the university for non-resident lectureships in chemistry is Mr. George F. Baker, of New York, financier and philanthropist.

THE Studebaker Corporation, of South Bend, Ind., has given to Harvard University the sum of \$10,000 a year for two years as a fund for research into the best methods of regulating street traffic. Dr. Miller McClintock is in charge of the work.

RUTGERS UNIVERSITY has established a department of plant pathology at the College of Agriculture and appointed Dr. William H. Martin, professor of plant