

A resolution was also adopted thanking the Governments of Great Britain and Northern Ireland and the Ministry of Agriculture and Fisheries for the welcome accorded to the delegates and their admiration of the organization of the congress and exhibition. Another resolution thanked the World's Poultry Science Association, which initiated the congress; the congress officials, with special acknowledgment of the services of Mr. Percy A. Francis, director, and Dr. Wilkins, secretary; the committees and the hosts on various excursions, and to Mr. H. J. Buckland, general manager of the Crystal Palace.

Several resolutions were submitted from the various conference sessions. The education and general section passed a resolution, by seventeen votes to seven, "that the various government departments and egg-laying competition committees conducting egg-laying competitions be asked to consider the advisability of introducing the 2 oz. standard from the beginning of the competition." This was amended by the addition of the metric equivalent, 56.7 grams, and adopted.

Another resolution, adopted unanimously by the education and general section, was "that during the next three years the council of the World's Poultry Science Association draw up, with the assistance of sub-committees, universal standards for all the different breeds of poultry, such standards to be submitted to the next World's Poultry Congress." The feeling of the assembly was that although international standards represented an ideal to which all would subscribe, it was not sufficiently practical to justify taking up the time of the next congress, and the resolution was not adopted.

The diseases section unanimously recommended "That the attention of the various governments be drawn to the danger of the importation of 'Newcastle' (or 'Ranikhet') disease, with a view to suitable measures being taken for its exclusion and control in each country." On the suggestion of Dr. te Hennepe (Holland) the name "pseudo fowl pest" was preferred to "Newcastle" disease, and with this amendment the resolution was adopted.

The economics section resolved that it was a matter of urgent importance that each government should include poultry statistics in every agricultural census. This was adopted without discussion.

The economics section also adopted a resolution, on the motion of the Dutch delegates, expressing the view that all eggs cold stored in any country should be stamped with an internationally agreed mark. Amendments were submitted to include gas-stored as well as cold-stored eggs. In this form the resolution was carried. The assembly also adopted a resolution asking the International Institute of Agriculture at

Rome to convene a conference to discuss an international scheme for identifying stored eggs.

HONORARY DEGREES CONFERRED BY LEHIGH UNIVERSITY

LEHIGH UNIVERSITY conferred at the commencement the honorary degree of doctor of engineering on Mr. Thaddeus Merriman, '97, son of the late Mansfield Merriman, who was professor of civil engineering at Lehigh for almost thirty years, and the degree of doctor of science on Commander Nicholas H. Heck, '03, chief of the division of terrestrial magnetism and seismology of the United States Coast and Geodetic Survey.

In presenting Mr. Merriman to President Richards for the degree, Professor Ralph J. Fogg, head of the department of civil engineering, gave the following outline of his career and accomplishments:

Thaddeus Merriman, whose noteworthy accomplishments and engineering skill have gained for him the distinction of being one of America's chief authorities on municipal water supply, is presented for the honorary degree of doctor of engineering.

Graduating from Lehigh in 1897 with the degree of civil engineer, Mr. Merriman received his early experience on geological reconnaissance work in Pennsylvania and surveys for the United States, Nicaragua and Isthmian Canal Commissions.

Since 1902 he has been in continuous service in the water works field, starting with the Jersey City Water Supply Company as assistant engineer on the Boonton Dam, and later as division engineer with the East Jersey, Passaic and Acquackanonk Water Companies. He has served on the engineering staff of the Board of Water Supply of the City of New York for twenty-five years, receiving successive promotions to his present responsibility as chief engineer, which position he has filled since 1922. Under his direction was prepared the plan for a new water supply from the upper tributaries of the Delaware River; the estimated cost of this project, including the delivery of water into New York City, being over three hundred million dollars.

In 1918 Mr. Merriman was called to Greece for the purpose of investigating the proposed water supply for the city of Athens. Last fall he was signally honored by being made chairman of the Board of Engineering Review of the Metropolitan Water District of Southern California.

It is interesting to recall that on Founder's Day, seventeen years ago, the honorary degree of Doctor of Laws was conferred on Mr. Merriman's father, Mansfield Merriman, Lehigh's great writer and teacher of engineering.

President Richards's citation follows:

Thaddeus Merriman, loyal son of Lehigh, distinguished in service with the U. S. Nicaragua Canal Commission, with the U. S. Isthmian Canal Commission and with the Board of Water Supply of New York City, now chief engineer of the latter, contributor to the science and practice of hydraulics and water supply engineering as

notably exemplified in the design and construction of the Catskill Water Supply System.

Commander Heck was presented to President Richards for the degree of doctor of science by Professor C. C. Bidwell, head of the department of physics, with the following brief sketch of his achievements:

Commander Heck is a graduate of Lehigh University of the Class of 1903. He has achieved high distinction in his chosen field and is a recognized authority on seismology and terrestrial magnetism. He is the author of many scientific papers and publications of the Coast and Geodetic Survey. Among these are the following titles: "Radio Acoustic Method of Position Finding in Hydrographic Surveys," "Earthquake History of the United

States," "Report on Network of Earthquake Observations of Countries bordering the Pacific," "Values of the Velocity of Sound for Echo Soundings in the Pacific Ocean," "Oceanography and Seismology in the Pacific Region," etc. It is a privilege to present to you Commander Heck for this degree.

In conferring the degree President Richards said:

Nicholas Hunter Heck, loyal son of Lehigh, recognized for distinguished service with the U. S. Coast and Geodetic Survey as commander of the schooner *Matchless* and of the steamer *Discovery*, and as chief of the Division of Terrestrial Magnetism and Seismology, contributor to the science of deep sea sounding, the compensation of the magnetic compass and the study of earthquakes.

SCIENTIFIC NOTES AND NEWS

THE Mueller Memorial Medal of the Australian Association for the Advancement of Science was awarded at the recent meeting at Brisbane, which was held from May 28 to June 4, to Sir Douglas Mawson for his contributions to Australian geology, associated with which are his achievements in geography and exploration. The first Liversidge Research Lecture under the bequest from the late Professor A. Liversidge was delivered by Professor N. T. M. Wilshire, of the University of Western Australia, the title of the lecture being "Chemical Research and the State." At this meeting it was decided to change the name of the association to "The Australian and New Zealand Association for the Advancement of Science."

THE Moxon gold medal of the Royal College of Physicians, London, awarded every third year to the person who is deemed most to have distinguished himself by observation and research in clinical medicine, has been awarded to Dr. Frederick Parkes Weber. The Weber-Parkes prize and medal, awarded every third year for work on the etiology, prevention, pathology or treatment of tuberculosis, has been awarded to Professor S. Lyle Cummins.

THE honorary gold medal of the Royal College of Surgeons, London, has been awarded to Mr. R. Lawford Knaggs, in appreciation of his services to the museum, more especially in preparing a catalogue of and revising the Strangeways collection of specimens illustrating arthritis.

THE special gold medal awarded by the Congress to Colonel Charles A. Lindbergh, to commemorate his achievements in the advancement of the science of aviation, was presented to him by President Hoover on August 15.

IN appreciation of the service given to the University of California Medical School by Dr. William

Palmer Lucas, for several years head of the department of pediatrics, who retired at the close of the academic year, members of his staff recently held a banquet and presented him with a gold watch purchased with contributions from students of every one of the seventeen years.

"As a token of appreciation of his outstanding civic services," the citizens of Tallulah, Louisiana, have presented to B. R. Coad, in charge of the cotton-insects division of the Bureau of Entomology, having its headquarters in their town, a motion-picture camera and projector. This presentation was made at a meeting of the Business Men's Luncheon Club of Tallulah, of which Mr. Coad recently was elected an honorary member.

THE Poultry Science Research Prize of \$100, which is awarded annually to the member of Poultry Science Association who publishes the most outstanding piece of research contributing to the furtherment of the poultry industry, has been awarded to Dr. F. A. Hays, of Massachusetts, for his work "Inbreeding in Relation to Egg Production." Honorable mention was given the paper of Dr. D. C. Warren, of Kansas, on "The Inheritance of Rhode Island Red Chick Down-Color Variations and their Relation to Color Variations in Adult Plumage," published in the November 15, 1929, issue of the *Journal of Agricultural Research*, and to the paper by Hendricks, Lee and Titus, "Early Growth of White Leghorns," published in *Poultry Science* for September 1, 1929. The check for \$100 was presented to Dr. Hays at the annual banquet of the Poultry Science Association by J. Holmes Martin, secretary-treasurer of the association.

THE Harveian oration of the Royal College of Physicians in 1931 will be delivered by Dr. Robert