

ing a remedy, be placed upon the manufacturer or proprietor of such remedy.

9. That it be a breach of the law: (a) To enclose with one remedy printed matter recommending another remedy. (b) To invite sufferers from any ailment to correspond with the vendor of a remedy. (c) To make use of the name of a fictitious person in connection with a remedy. (But it should be within the power of the department to permit the exemption of an old-established remedy from this provision.) (d) To make use of fictitious testimonials. (e) To publish a recommendation of a secret remedy by a medical practitioner unless his or her full name, qualifications and address be given. (f) To promise to return money paid if a cure is not effected.

#### THE TWENTY-FIFTH ANNIVERSARY OF THE MISSOURI BOTANICAL GARDEN

THE Missouri Botanical Garden has made arrangements to celebrate its twenty-fifth anniversary on October 15 and 16. The war in Europe may interfere with the attendance of some of the foreign delegates, but it is known that all of those on the program will make every effort to come and, in case this is impossible, their papers will be sent in time to be read. The program is as follows:

##### Thursday, October 15

10:30 A.M. Automobile ride through the city for delegates and visiting scientists.

1:00 P.M. Lunch at the garden.

2:00 P.M. Graduate lecture room:

Address of welcome: Director George T. Moore.

The History and Functions of Botanical Gardens: Assistant Director Arthur W. Hill, Royal Botanic Gardens, Kew, England.

The Phylogenetic Taxonomy of the Flowering Plants: Professor Charles E. Bessey, University of Nebraska, Lincoln, Nebraska.

Development of the Norwegian Flora Since the Ice Age: Professor N. Wille, University of Christiania, Christiania, Norway.

The Vegetation of Mona Island: Director in Chief, N. L. Britton, New York Botanical Garden, Bronx Park, N. Y.

The Scientific Significance of the Imperial Botanic Garden of Peter the Great, with Spe-

cial Reference to the Flora of Asia: Dr. Wladimir I. Lipsky, Jardin Impérial Botanique de Pierre le Grand, St. Petersburg, Russia.

Comparative Carpology of Cruciferae with Vesicular Fruits—Some General Biological and Systematic Conclusions: Director J. Briquet, Conservatoire et du Jardin Botaniques de la Ville Genève, Geneva, Switzerland.

The Origin of Monocotyledony: Professor John M. Coulter, University of Chicago, Chicago, Illinois.

8:30–11:30 P.M. Reception. Director's Residence.

##### Friday, October 16

10:30 A.M. Special personally conducted trip through the conservatories and grounds of the garden. Opportunity will be given during the morning for those who wish to spend time in the library or herbarium.

12:30 P.M. Lunch at the Garden.

1:30 P.M. Graduate lecture room:

Recent Investigations on the Protoplasm of Plant Cells and Its Colloidal Properties: Professor Frederick Czapek, Physiologisches Institut der K. K. Deutschen Universität, Prag, Austria.

Experimental Modification of the Germ Plasm: Director D. T. Macdougall, Department of Botanical Research, Carnegie Institution of Washington, Tucson, Arizona.

Hormone im Pflanzenreich: Director Hans Fitting, Botanisches Anstalten der Universität Bonn, Bonn, Germany.

The Law of Temperature Connected with the Distribution of Marine Algæ: Professor William A. Setchell, University of California, Berkeley, California.

Ueber Formbildung und Rhythmik der Pflanzen: Director George Klebs, Botanisches Institut Universität Heidelberg, Heidelberg, Germany.

Phylogeny and Relationships in the Ascomycetes: Professor George F. Atkinson, Cornell University, Ithaca, New York.

The Organization of a Mushroom: Professor A. H. Reginald Buller, University of Manitoba, Winnipeg, Canada.

A Conspectus of Bacterial Diseases in Plants: Dr. Erwin F. Smith, Bureau of Plant

Industry, U. S. Department of Agriculture, Washington, D. C.

7:30 P.M. Trustees' Banquet. Liederkrantz Club.

#### SCIENTIFIC NOTES AND NEWS

THE British government has appointed a committee to consider questions in relation to the supply of drugs as affected by the war. The members of the committee are: Dr. J. Smith Whitaker, Sir Thomas Barlow, Sir Lauder Brunton, Dr. A. Cox, Professor A. R. Cushny, Dr. E. Rowland Fothergill, Dr. B. A. Richmond, Dr. F. J. Smith, Dr. W. Hale White, with Dr. E. W. Adams as secretary.

DR. WILLIAM H. WELCH, of the Johns Hopkins University, president of the National Academy of Sciences, is among the large number of American men of science detained on the continent by the war.

DR. EWALD HERING, professor of physiology at Leipzig, celebrated on August fifth his eightieth birthday.

THE Paris Academy of Sciences has awarded a prize of \$600 to Dr. H. Vincent, for his work on typhoid fever.

DR. JOSEF MELAN, professor of bridge building at Prague, has been given an honorary doctorate of engineering by the Technical School at Brunn.

DR. FRANZ FISCHER has been appointed head of the newly established institute for fuel investigation at Mülheim.

DR. S. W. PATTERSON has been engaged by the government of Madras to undertake an investigation into the causation, prevention and possible cure of diabetes. The sum of 50,000 rupees has been given by the Raja of Pithapuram for the purpose.

DR. G. ANGENSEHEISTER has been appointed director of the Geophysical Observatory at Apia, Samoa.

DR. VIRGIL H. MOON, of the Memorial Institute for Infectious Diseases, Chicago, has been appointed head of the pathological department.

THE convocation orator at the University of Chicago on August 28 was Dr. Roscoe Pound,

professor of jurisprudence in Harvard University and formerly professor of law in the University of Chicago. The subject of his address was "Legalism." Dr. Pound was for eleven years director of the Botanical Survey of the state of Nebraska. He is a fellow of the American Association for the Advancement of Science and a member of the Botanical Society of America.

LIEUTENANT SEDOFF, who two years ago headed an Arctic expedition to Franz Josef Land, fell ill and died, it is said, in an effort to reach the North Pole. Survivors of the expedition have arrived at Archangel.

DR. ALFRED HEGAR, formerly professor of medicine at Freiberg, has died at the age of eighty-five years.

SIR ANTHONY HOME, late surgeon-general in the British army, died on August 9, aged eighty-seven years.

PLANS have been made for the founding of an Australian Institute of Engineers.

NEXT year's conference of the British Pharmaceutical Society is to be held at Scarborough under the presidency of Mr. Saville Peck.

THE International Seismological Congress, which was to have been held at St. Petersburg, has been postponed, as has also the Meteorological Conference, which was to have taken place in Edinburgh in September.

DR. KARL BENSINGER, of Mannheim, has given 30,000 marks to the University of Freiburg for the investigation of wireless telegraphy.

THE Prussian Academy of Sciences has offered a prize of 5,000 marks for the best study of "Experience as a Factor in Perception." The articles may be in German, Latin, French, English or Italian and must reach the academy by December 31, 1916.

A SPECIAL despatch from Philadelphia furnished by the American Osteopathic Association, begins with the remarkable statement: "Announcement was made here to-day at the International Osteopathic convention that