

manner that they can easily be converted into substantial warehouses and factory buildings.

### THE LOWELL LECTURES

EIGHT courses of Lowell lectures on various subjects will begin in Boston on October 18 and will continue until April. Three of the lecturers are from England, one from France and four are from Harvard. The British visitors are Sir Frederick Whyte, K.C.S.I., LL.D., first president of the Indian legislative assembly; George Gilbert A. Murray, LL.D., D.Litt., F.B.A., regius professor of Greek in the University of Oxford, and George Peabody Gooch, M.A., D.Litt., well-known economist and publicist. The French visitor is Charles Diehl, member of the Institute of France and professor in the University of Paris. The Harvard lecturers are E. Leon Chaffee, M.A., Ph.D., professor of physics; William H. Weston, Jr., Ph.D., assistant professor of botany; Professor Roger Bigelow Merriman and Professor Archibald Davison.

The courses concerned with the sciences are as follows:

#### *"Electric Waves"*

By E. LEON CHAFFEE, M.A., Ph.D.

- 1.—Characteristics of Wave Motion Illustrated by Water Waves and Sound Waves. Electric Waves. The Electromagnetic Spectrum.
- 2.—Light. Types of Spectra. Absorption. Reflection. Color Phenomena.
- 3.—Infra-Red Light. Ultra-Violet Light. Fluorescence. Phosphorescence.
- 4.—Interference of Light Waves. Diffraction. Polarized Light.
- 5.—X-Rays. Cosmic Rays. Hertzian Waves.
- 6.—Radio Waves. Propagation of Radio Waves. Fading. Short Waves.

Mondays and Thursdays at eight o'clock in the evening, beginning Monday, January 3.

#### *"Certain Diseases of Plants in Relation to Man's Affairs"*

By WILLIAM H. WESTON, JR., Ph.D.

- 1.—The General Nature and Activities of Plant Diseases. Their Origin. Their Methods of Spread and the Growth of Our Knowledge and Control of Them.
- 2.—The Potato Blight, its Travels and Devastation in Their Relation to Famines and to Human Migrations.
- 3.—The Bud-rot of Palms, and Certain Scientific and Human Aspects of its Destructive Activities in the Orient and in the West Indies.
- 4.—The Oriental Downy-Mildews of Corn and Related Crops: Their Remarkable Nocturnal Activity, Their Probable Origin and the Problem of Preventing Them from reaching the Western Hemisphere.
- 5 and 6.—Certain Diseases of Sugar Cane and Their Influence on the Growth of the Sugar Industry and the Development of the Tropics.

Tuesdays and Fridays at eight o'clock in the evening, beginning Tuesday, January 13.

#### *"Folk Songs of the British Isles"*

By PROFESSOR ARCHIBALD DAVISON

Six lectures illustrated, additional announcement to be made later.

Mondays and Thursdays at eight o'clock in the evening, beginning Monday, April 4.

### THE SYMPOSIUM ON CANCER CONTROL

As we go to press the symposium arranged by the American Society for the Control of Cancer is opening at Lake Mohonk, N. Y. The meeting is attended by a hundred specialists in the study of cancer, including sixteen of the leading authorities of Europe, who are guests of the association. The object of the symposium is an attempt to express in concise language the fundamental ground-work of fact and opinion upon which the collective effort now being made in the United States for the control of cancer should be continued and extended.

"The truth is that there are many things which physicians and surgeons can agree upon with reference to cancer, and if these agreements can be expressed in simple, concise and graphic language the results will be of incalculable value. They will be helpful not only to America but throughout the world."

Foreign specialists in attendance include:

Dr. Raffaele Bastianelli, Rome, professor of surgery at the University of Rome.

Dr. Leon Berard, Lyons, director of Anti-Cancer Center of Lyons, professor of surgery at the University of Lyons.

Dr. Robert Bierich, Hamburg, director of Institute for Cancer Control at Hamburg, lecturer on cancer research at Hamburg University.

Sir John Bland-Sutton, Bt., London, president of the Royal College of Surgeons, vice-chairman of the British Empire Cancer Campaign.

Professor Ferdinand Blumenthal, Berlin, director of Cancer Institute at Berlin, professor of Internal Medicine at the University of Berlin.

Professor H. T. Deelman, Groningen, director of the Institute of Pathology and Pathologic Anatomy at the University of Groningen.

Dr. William de Vries, Amsterdam, president of the Netherlands Cancer Institute, professor of pathologic anatomy, University of Amsterdam.

Dr. W. Sampson Handley, London, surgeon to the Middlesex Hospital.

Professor Henri Hartmann, Paris, professor of surgery at the University of Paris, director of Anti-Cancer Center at the Hotel Dieu.

Dr. Archibald Leitch, London, director Cancer Hospital Research Institute.