

provide a continuous and economical supply of electricity for lighting, traction and heating, reduce the congestion of railway traffic by diminishing the demand for coal, and generally increase prosperity and confer public benefits more than sufficient to counterbalance any interference with agriculture, fishing rights, or the pleasure of visitors to the Moor.

The general, and especially the local, public is not qualified to weigh the rival claims, and as things now stand Parliament must proceed by the old, cumbrous, and very costly method of hearing eloquent advocates and technical experts on all the points raised.

At present the whole question of the water resources, and especially of the water-power of the British Isles is being investigated by a committee of the Board of Trade, and on this account Parliament may be inclined to postpone the consideration of private bills dealing with water, if not of special urgency, until the committee has reported. There are few areas in England where an unused gathering-ground exists at an altitude allowing of the development of water-power, and it may well be considered inexpedient to allocate them finally before a hydrometric survey has been carried out to enable the available power and its cost to be calculated on a sure basis before work is commenced.

MEDICAL EDUCATION

THE Council on Medical Education of the American Medical Association, the Association of American Medical Colleges and the Federation of State Medical Boards of the United States will hold a congress on medical education and licensure at Chicago on March 1, 2 and 3. The program is as follows:

MONDAY, MARCH 1, 1920

Morning Session, 9:30 A.M.

Introductory Remarks by Dr. Arthur Dean Bevan, chairman of the Council on Medical Education, Chicago.

Dr. George Blumer, president of the Association of American Medical Colleges, New Haven, Conn.

Dr. David A. Strickler, president of the Federation of State Medical Boards, Denver, Colo.

"Present status of medical education," Dr. N. P. Colwell, secretary of the Council on Medical Education, Chicago.

Symposium on "The needs and future of medical education," Dr. George E. Vincent, president of the Rockefeller Foundation, New York City.

Dr. Ray Lyman Wilbur, president of Leland Stanford University, Stanford University, Calif.

Dr. Henry S. Pritchett, president, Carnegie Foundation for the Advancement of Teaching, New York City.

Dr. Harry Pratt Judson, president, University of Chicago, Chicago.

Mr. Abraham Flexner, secretary of the General Education Board, New York City.

Monday Afternoon, 2 P.M.

"The larger function of state university medical schools," Dr. Walter A. Jessup, president of the State University of Iowa, Iowa City.

"Full-time teachers in clinical departments," Dr. William Darrach, dean of Columbia University College of Physicians and Surgeons, New York City.

"Research in medical schools, laboratory departments," Dr. Oskar Klotz, professor of pathology, University of Pittsburgh School of Medicine, Pittsburgh.

"Research in medical schools, clinical departments," Dr. G. Canby Robinson, dean, Washington University School of Medicine, St. Louis.

TUESDAY, MARCH 2, 1920

Morning Session, 9:30 A.M.

"Graduate medical instruction in the United States," Dr. Louis B. Wilson, Mayo Clinic, Rochester, Minn.

"Interallied medical relations; qualifying examinations, licensure, examinations, graduate medical instruction," Dr. Walter L. Bierring, secretary of the Federation of State Medical Boards, Des Moines.

"Essential improvements in state medical licensure," Dr. John M. Baldy, president of the Pennsylvania Bureau of Medical Education and Licensure, Philadelphia.

"Interstate relations in medical licensure," Francis W. Shepardson, director of the Department of Education and Registration of the State of Illinois, Springfield.

Tuesday Afternoon, 2 P.M.

Reports on Medical Teaching from the Committee on Medical Pedagogy of the Association of American Medical Colleges.

Remarks by the chairman, Dr. W. S. Carter, dean, University of Texas, department of medicine, Galveston.

Anatomy: Dr. Charles R. Bardeen, dean, University of Wisconsin Medical School, Madison.

Histology and embryology: Dr. F. C. Waite, secretary, Western Reserve University School of Medicine, Cleveland.

Physiology: Dr. E. P. Lyon, dean, University of Minnesota Medical School, Minneapolis.

Biological chemistry: Dr. Otto Folin, professor of biological chemistry, medical school of Harvard University, Boston.

WEDNESDAY, MARCH 3, 1920

Morning Session, 9:30 A.M.

Pharmacology: Dr. C. W. Edmunds, assistant dean, University of Michigan Medical School, Ann Arbor.

Pathology: Dr. James Ewing, professor of pathology, Cornell University Medical School, New York City.

Bacteriology and parasitology: Dr. A. I. Kendall, dean, Northwestern University Medical School, Chicago.

Public health and preventive medicine: Dr. Victor C. Vaughan, dean, University of Michigan Medical School, Ann Arbor.

Wednesday Afternoon, 2 P.M.

Separate business meetings will be held by the Association of American Medical Colleges and the Federation of State Medical Boards.

SCIENTIFIC LECTURES

THE faculty of medicine of Harvard University offers a course of free public lectures, given at the medical school, Longwood Avenue, Boston, on Sunday afternoons, beginning February 1 and ending March 28, 1920. The lectures begin at four o'clock and the doors will be closed at five minutes past the hour. No tickets are required.

February 1. Child welfare. Dr. Richard M. Smith.

February 8. Smallpox and vaccination. Dr. Edwin H. Place.

February 15. Protection against infection in diseases other than smallpox. Dr. Harold C. Ernst.

February 22. Diseases of the teeth in relation to systematic disturbances. Dr. Kurt H. Thoma.

February 29. Pneumonia. Dr. Frederick T. Lord.

March 7. Some aspects of alcohol. Dr. Percy G. Stiles.

March 14. New conceptions of the structure of matter. Dr. William T. Bovie.

March 21. Health and industry. Dr. Cecil K. Drinker.

March 28. Some points of interest to the public in regard to medical education as brought out by the recent war. Dr. Channing Frothingham.

The trustees of the Ropes Memorial announce that the eighth course of lectures on botany is being given in the trustees' room at the Ropes Mansion, 318 Essex Street, Salem, Mass., by Professor M. L. Fernald, of Harvard University, on Thursday afternoons, at 4.15 o'clock, the subject being The Geographic Origin of the Flora of Northeastern America. The lectures are:

January 15. The maritime flora: the flowering plants of sea-margin salt marsh tidal estuaries and strands.

January 22. The coastal plain flora: the plants of sand hills; of Cape Cod; of eastern Newfoundland.

January 29. The deciduous forests: the Alleghenian flora and its history.

February 5. The Canadian forests: similarities and variations of circumpolar forest plants.

February 12. The alpine flora: the contrasting ranges of the floras of the granitic, limestone and serpentine mountains of northern New England, Quebec and Newfoundland.

February 19. The cosmopolitan flora of the future.

The objects of the course are to present in brief outline the more striking features in the history of the floras of the northern hemisphere—their antiquity, probable migrations and wholesale extinctions in geological time; and to make clear why, unless the more sensitive and easily exterminated of our wild flowers are intelligently safeguarded, they are doomed to early extinction.

THE ILLINOIS ACADEMY OF SCIENCES

THE thirteenth annual meeting of the Illinois State Academy of Science will be held at Danville. The preliminary program is as follows:

FRIDAY, FEBRUARY 20

11 A.M. Business session. Reports of officers and committees.

2 P.M. General scientific session for the reading of papers.