

pecially those who have studied special areas, are requested to communicate with V. E. Shelford at once as the list is soon to be completed.

SCIENTIFIC LECTURES AT OTTAWA

MEMBERS of the Department of Mines, Canada, are giving in the auditorium of the Victoria Memorial Museum, Ottawa, lectures as follows:

- March 4: "The building of the continent," by D. B. Dowling, geologist.
- March 11: "The anthropological field in Canada," by Dr. Edward Sapir, anthropologist.
- March 25: "Zoological work in Canada," by R. M. Anderson, zoologist.
- April 8: "A recent chapter in the geological history of Canada" (illustrated with slides of the Greenland Ice Cap), by Edward M. Kindle, paleontologist.
- February 12: "The fur-bearing animals of Canada," by Clyde L. Patch.
- February 19: "The birds of Bonaventure Island" (with motion pictures), by Clyde L. Patch.
- February 26: "The Canadian Arctic coast," by K. G. Chipman.
- March 5: "Wanderings with the Eskimo," by D. Jenness.
- March 12: "Roads to wealth in our northern forest, or mineral development in northern Ontario" (with motion pictures), by T. L. Tanton.
- March 19: "Hunting giant dinosaurs in the Badlands of Alberta," by Charles M. Sternberg.
- March 26: "Ottawa three times submerged and how we know it" (with motion pictures), by M. E. Wilson.
- April 2: "Conquering the desert with irrigation" (with motion pictures), by Harlan I. Smith.
- April 9: "Asbestos or fireproof cotton" (with motion pictures), by R. Harvie.
- April 16: "My summer among the Ojibwa Indians," by F. W. Waugh.
- April 23: "The frogs, salamanders and snakes of Ottawa," by Clyde L. Patch.

THE RESIGNATION OF PROFESSOR FLINT

YALE UNIVERSITY announces the resignation on account of poor health of Dr. Joseph Marshall Flint, professor of surgery since 1907, to take effect at the close of the present university year. Dr. Flint is planning to go to

his home in California after commencement. The following resolutions have been passed by the faculty of the medical school:

The faculty of medicine have learned with deep regret of the resignation of Dr. Joseph Marshall Flint from the chair of surgery, which he has so ably and faithfully filled since 1907.

Coming to this university with a broad and thorough scientific training, and with high ideals, Dr. Flint became the original full-time professor, and has done great service both by precept and by example, in upholding high standards of teaching, research and practise.

He has always shown great tenacity of purpose and devotion to principle. Whatever success the Yale School of Medicine may have in the future will have been made possible by the loyalty and steadfastness of Dr. Flint and Dr. Blumer, whose joint service at a time of great stress succeeded in tiding over the crisis that economic conditions and new developments in medical education had brought on.

The faculty desire to place on record their high appreciation of Dr. Flint's services to the university, to the nation and to science, and to express their keen sense of loss at his leaving. They wish him full and speedy recovery of health and a large measure of success in his future work.

THE INTERNATIONAL UNION OF RADIO TELEGRAPHY

AN American Section of the International Union of Scientific Radio Telegraphy has been formed and has adopted a constitution which provides:

1. The American Section of the International Union of Scientific Radio Telegraphy shall consist of an executive committee and of the members of the technical committees provided for in paragraphs 2 and 3 below.

2. The executive committee of the American Section shall consist of the chairmen of the divisions of physical sciences and of engineering of the National Research Council (ex officio); one member each of the following: The Army, the Navy, the Department of Commerce, the Institute of Radio Engineers; four members at large to be appointed by the president of the National Academy of Sciences; and (ex officio) officers of the International Union of Scientific Radio Telegraphy resident in the United States.

3. The duties of the executive committee shall be: To act as the representatives of the United States in the International Union of Scientific Radio Telegraphy in the interim between its regular meetings; to organize the American Section, including its technical committees, and to arrange for a meeting of the American Section shortly preceding each regular meeting of the International Union; to select delegates to the meetings of the Union; and in general to deal with all scientific radio questions involving the participation of the United States. The chairman of the executive committee of the American Section shall be a member (ex officio) of the Division of Foreign Relations of the National Research Council.

The first officers of the section are:

Chairman, Louis W. Austin.

Corresponding secretary, Augustus Trowbridge, chairman, division of physical sciences, National Research Council (*ex officio*).

Technical secretary, J. H. Dellinger.

Executive committee, Louis W. Austin, U. S. Navy; Comfort A. Adams, chairman, division of engineering, National Research Council; E. F. W. Alexanderson, Radio Corporation of America; J. H. Dellinger, Bureau of Standards; Alfred H. Goldsmith, editor, *Proceedings* of the Institute of Radio Engineers; F. B. Jewett, Western Electric Company; A. E. Kennelly, Massachusetts Institute of Technology; Major-General G. O. Squier, chief signal officer, U. S. A.; Lieutenant-Commander A. Hoyt Taylor, U. S. Navy; Augustus Trowbridge.

The following have been appointed chairmen of technical committees:

Committee on Static, Dr. Austin.

Committee on Transmission, Dr. Kennelly.

Committee on Physics of the Electron Tube, Dr. Jewett.

Committee on Radio Interference (not yet appointed).

SCIENTIFIC NOTES AND NEWS

DR. C. L. ALSBERG, chief of the Bureau of Chemistry of the United States Department of Agriculture, has been appointed director of the Food Research Institute which is to be established at Stanford University by the Carnegie Corporation. He will assume his new work on July 1.

DR. EDWARD LAURENS MARK, for forty-four years instructor and professor of zoology and anatomy at Harvard University, will retire from active teaching at the close of this year and has been appointed Hersey professor of anatomy emeritus.

DR. ROBERT F. RUTTAN, head of the department of chemistry, McGill University, has been appointed to succeed Dr. Duncan G. MacCallum, as administrative chairman of the Advisory Council for Scientific and Industrial Research in Canada.

DR. CHARLES W. RICHARDSON received the honorary degree of doctor of science recently from the George Washington University.

THE University of Cambridge has awarded its doctorate of laws to Sir Patrick Manson, of the London School of Tropical Medicine, and Dr. Albert Calmette, of the Paris Pasteur Institute.

SIR W. H. BRAGG has been elected president of the London Physical Society. The vice-presidents who have filled the office of president are Dr. C. Chree, Professor H. L. Callendar, Professor R. B. Clifton, Sir Richard Glazebrook, Sir Oliver J. Lodge, Professor C. H. Lees, Professor A. W. Reinold, Sir Arthur Schuster, Sir J. J. Thomson and Professor C. V. Boys.

WE learn from *Nature* that the twenty-fifth anniversary of the discovery of the "Zeeman effect" will take place on October 31 next. A committee has been formed by scientific men in Holland to mark the occasion by showing their appreciation of the importance of the discovery and of the distinguished services which Professor Zeeman has rendered to science. It is intended to raise a fund to be placed at his disposal for researches to be conducted in the physical laboratory of the University of Amsterdam.

MR. GEORGE L. HARRINGTON recently returned from South America, where he had been engaged in private work, and resumed work in the Alaskan Division of the U. S. Geological Survey. He has now returned to South America.