

Canada by Moore. The two machines were provided with mechanical excavators, which, however, differed in detail, and with field-presses. The conveying of the peat pulp from its excavator to the drying ground was by means of tipping cars on a portable railway in the Anrep method, and by means of an automatic belt-conveyer in that of Moore. As a result of the trials, which are fully described in its final report, the Committee found that the best type of process is one which combines the excavating elements of the Anrep system with the conveying and spreading elements of Moore's.

Incidentally it was found that a shredding machine of the Jeffrey swing-hammer type, used for pulping kelp on the Pacific coast of America, is far more efficient as a macerator than those with knives and screws commonly employed in Europe. Two other conclusions of the Committee deserve the serious attentions of peat experts. The operations of excavating, macerating, forming and spreading can be efficiently performed by automatic machines, but there is no cheap automatic method of collecting dry peat sods from the spreading ground. Furthermore, with the introduction of automatic machines for winning the peat, the overhead charges have increased so much that they now amount to nearly half the total cost of the finished peat fuel.

The report of the Committee merits a careful study, not only because it describes the field results of actual large-scale experiments on the winning of peat fuel, but also because it gives in addition a comprehensive and authoritative account of the recent advances in the peat industry.

HUGH RYAN.

### University and Educational Intelligence.

BIRMINGHAM.—The following appointments have been made:—Dr. Edmund L. Hirst, to be a lecturer in the Department of Chemistry; Mr. Gordon Manley, to be assistant lecturer in geography; Dr. Oscar Brenner, to be part-time assistant in pathology and bacteriology.

The British Thomson-Houston Co. has presented two A. C. motors for use in the Coal Treatment Laboratory.

The Huxley Lecture is to be delivered by Prof. Elliot Smith on February 1, 1927.

CAMBRIDGE.—D. H. R. Rastall has been elected to a supernumerary fellowship at Christ's College. The following have been elected to represent the scientific faculties on the General Board of the Faculties: Mr. R. H. Fowler, Prof. C. E. Inglis, Dr. T. S. Hele, Mr. T. C. Nicholas.

The Governing Body of Emmanuel College offers to a research student commencing residence at the University in October 1927 a studentship of the annual value of 150*l.*, tenable at Emmanuel College for two years. The studentship will be awarded in July, and applications should be sent so as to reach the Master of Emmanuel (The Master's Lodge, Emmanuel College, Cambridge, England) not later than June 30. The award will be made on the evidence submitted by the candidates, which should include a statement of the proposed course of research, a brief account of the candidate's career up to the date of the application, and evidence of general ability and of special fitness for the proposed course of research.

LIVERPOOL.—Dr. W. S. Patton, lecturer on entomology in the University of Edinburgh, has been appointed to the Dutton Memorial chair of entomology at Liverpool as from January 1 next. Dr. Patton graduated in medicine at Edinburgh in 1901 and later studied in the University of Marburg. He joined the Indian Medical Service in 1902, from which he retired

with the rank of major in 1921. During the War he was entomologist to the Mesopotamian Expeditionary Force. He has acted as Director to the King Institute of Preventive Medicine in Madras and as Director of the Pasteur Institute of Southern India. He has recently been engaged in investigations in China, and has had charge of the Kala-Azar Commission of the Royal Society.

Prof. H. J. W. Hetherington, professor of moral philosophy in the University of Glasgow, has been appointed Vice-Chancellor of the University of Liverpool in succession to the late Dr. J. G. Adami. Prof. Hetherington was educated at Dollar Academy and the University of Glasgow, in which he distinguished himself in the Departments of Mental Philosophy, Economics, and Classics. From 1910 until 1914 he held a lectureship in moral philosophy in Glasgow and became a member of Merton College, Oxford. In 1914 he was appointed lecturer in philosophy in the University of Sheffield, and a year later became professor of logic and philosophy in University College, Cardiff. In 1920 he became Principal and professor of philosophy of University College, Exeter, in which positions he distinguished himself as an administrator. In 1924 he relinquished his post in Exeter to take the chair of moral philosophy in Glasgow University. He is thirty-eight years of age. Prof. Hetherington is the author of "International Labour Legislation" and has published, in conjunction with Prof. J. H. Muirhead, a study in social philosophy entitled "Social Purpose." He will assume the office of Vice-Chancellor at the beginning of the session 1927-28.

APPLICATIONS are invited by the Royal Society for the appointment of a Foulerton Research Studentship, value 700*l.* per annum. The duties of the student will be to conduct researches in medicine or the contributory sciences under the supervision and control of the management committee. The studentship will be tenable for three years, but may be renewed from year to year up to six years. Members of either sex are equally eligible, but must be of British nationality. Applications must reach the Royal Society, Burlington House, Piccadilly, W. 1, not later than March 1 next.

THE annual meeting of the Geographical Association will be held on January 6-8 at the London School of Economics, Houghton Street, Aldwych, W.C.2, under the presidency of Sir Charles Close, formerly Director-General of the Ordnance Survey. The programme includes a discussion on January 6 for university teachers of geography on research in geography (opened by Sir Henry Lyons), and an address by Mr. J. Fairgrieve to primary school teachers, and a visit on January 7 to the Science Museum, South Kensington, with an address by Prof. H. H. Turner on solar eclipses. There will also be four concurrent discussions on the morning of January 7, on geography in advanced courses, on broadcasting and nature-study respectively in geography, and on school journeys. Sir Charles Close will deliver his presidential address, "Population and Migration," on January 7, and later in the day Col. E. M. Jack, the present Director-General of the Ordnance Survey, will describe the work of his department. The annual dinner of the Association will be held on January 7, and on January 8 a visit to the geography room of the William Ellis School is being arranged. Prof. L. P. Abercombe of Liverpool is organising a visit on January 8-10 to see the changes taking place in east Kent. The honorary secretary of the Association is Prof. H. J. Fleure, Geographical Association, Marine Terrace, Aberystwyth.