

the publication of a catalogue of the maps of Hispanic America in four volumes, giving a complete list with critical notes of all the source material used in the compilation of the map.

Announcements

It is announced in *The Times* of January 25 that the Loder Cup, awarded for "meritorious service in the cultivation and preservation of New Zealand flora", has been awarded to Lord Bledisloe who, during his term of office as Governor-General of New Zealand, has done much for the protection of forests and encouraged the cultivation of the native flora.

LORD HIRST OF WITTON has been elected an honorary member of the Institution of Electrical Engineers. The thirteenth award of the Faraday Medal of the Institution has been made to Dr. F. B. Jewett, president of the Bell Telephone Laboratories, New York. The Faraday Medal is awarded not more frequently than once a year, either for notable scientific or industrial achievement in electrical engineering or for conspicuous service rendered to the advancement of electrical science, without restriction as regards nationality, country of residence, or membership of the Institution.

"IN order to bring to the notice of those interested in the applications of physics to the development of industry, to assist those engaged in industrial research and generally to promote the application of physics to industry" the Institute of Physics is arranging conferences on industrial physics. A conference on "Vacuum Devices in Research and Industry" will be held in Manchester on March 28-30, under the presidency of Prof. W. L. Bragg. Membership of the conference is open to all interested, and there is no fee. At the University there will be an exhibition of instruments, apparatus and books. Further information can be obtained from the Secretary, Institute of Physics, 1 Lowther Gardens, Exhibition Road, London, S.W.7.

THE Faraday Society will hold a general discussion on "The Structure of Metallic Coatings, Films and Surfaces" at the Imperial College of Science and Technology, London, S.W.7, on March 29-30. An introductory paper will be read by Dr. C. H. Desch. The discussion will be divided into two parts. Part 1 will be on "Electron Diffraction Methods". Prof. G. P. Thomson will read a paper on "An Apparatus for Electron Diffraction at High Voltages"; Prof. G. I. Finch is to deal with "Electron Diffraction and Surface Structure"; and papers by several foreign visitors will follow. The second part of the discussion will be on "The Structure of Metallic Coatings". Prof. E. N. da C. Andrade will read a paper on "The Crystallisation of Thin Metal Films", and papers by distinguished workers at home and abroad are promised. Further information can be obtained from the Secretary, Faraday Society, 13 South Square, Gray's Inn, W.C.1.

THE Institute of Chemistry will celebrate its charter jubilee this year. The Institute was founded

in 1877, and incorporated by Royal Charter in June 1885. Arrangements are being made for a banquet to be held on July 9 and a reception on the following evening.

A DAVID ANDERSON-BERRY Gold Medal, together with a sum of money amounting to about £100, will be awarded in July 1935 by the Royal Society of Edinburgh to the person, who, in the opinion of the Council, has recently produced the best work on the nature of X-rays in their therapeutical effect on human diseases. A similar award will be made every three years.

THE Dobree collection of European Noctue which has been in the Museum at Hull for many years, and a catalogue of which (Pp. xv+156. 1s.) was issued in 1909, contained a certain number of type specimens. In the interests of students of entomology, it seemed desirable that these types should be in the national collection, and arrangements have been made whereby they are now in the British Museum (Natural History) at South Kensington, which has supplied suitable specimens to take their places at Hull.

APPLICATIONS are invited for the following appointments, on or before the dates mentioned:—An engineer at the Fuel Research Station, East Greenwich—The Establishment Officer, Department of Scientific and Industrial Research, 16 Old Queen Street, Westminster, S.W.1 (Feb. 6). A borough electrical engineer for Middlesborough—The Town Clerk, Municipal Buildings, Middlesborough (Feb. 11). A physiological chemist at the Imperial Institute of Agricultural Research, Bangalore—The High Commissioner for India, General Department, India House, Aldwych, London, W.C.2 (Feb. 15). An assistant in the Essex Museum of Natural History—The Principal, West Ham Municipal College, Romford Road, E.15 (Feb. 15). Assistant electrical engineers in the Admiralty Service—The Secretary to the Admiralty (C.E. Branch), Whitehall, London, S.W.1 (Feb. 16). Assistants in clinical pathology, morbid anatomy, bacteriology and pathological chemistry in the British Postgraduate Medical School, Ducane Road, Hammersmith, W.12—The Dean (Feb. 18). A lecturer in biology at Whiteland's College, Putney, London, S.W.15—The Secretary (Feb. 20). A lecturer in chemistry in the Leicester College of Technology—The Registrar (Feb. 22). A professor of chemistry in University College, Exeter—The Registrar. A lecturer in natural history in the Froebel Educational Institute, Grove House, Roehampton Lane, S.W.15—The Principal. A Cargill professor of applied physics in the University of Glasgow—The Secretary to the University Court. A Gardiner professor of physiological chemistry in the University of Glasgow—The Secretary of the University Court. An assistant research engineer at the B.B.C.—The Chief Engineer, Broadcasting House, London, W.1. A temporary assistant lecturer in mechanical engineering at the Gloucester Technical College—The Principal.