

ence and knowledge may qualify. It will be difficult, however, for anyone who has not had practical experience in industry or commerce to reach the standard required in the two papers on personnel management and in the oral examination which, with an essay, form the compulsory part of the examination. Various qualified exemptions are allowed. The first examination was held in September 1955 and others will take place at half-yearly intervals.

Bernice P. Bishop Museum, Honolulu : Report for 1954

THE annual report for 1954 of the Bernice P. Bishop Museum, Honolulu, Hawaii (pp. 55 ; 1955), is issued under the attractive title of "Museum at Work". It is an impressive record of activities accomplished under rather isolated conditions and with the usual accompaniment of small staff and limited finance. It naturally concentrates on the presentation of a knowledge of the Pacific area to the public and research for the furtherance of the same policy, and to these ends it has recently installed an exhibit entitled "Insects Close-up", which deals mainly with the control of pests ; another display deals with the Hawaiian house and shows early ways of living. An innovation was Aloka week in the Museum, when a facet of Hawaiian history was presented in an authentic form. Several other special exhibits are described and illustrated. It is an impressive fact that 151 men and women volunteers gave 12,561 hours of their time to work in and for the Museum.

International Mixed Commission on the Ionosphere

THE proceedings of the fourth meeting of the Mixed Commission on the Ionosphere, held in Brussels in August 1954, have recently been published by the International Scientific Radio Union and are obtainable from the General Secretary of the Union at 42 Rue des Minimes, Brussels (pp. 238 ; 300 Belg. fr., £2 3s., or 60 dollars). This Commission comprises delegates from the International Scientific Radio Union, the International Union of Geodesy and Geophysics, the International Astronomical Union and the International Union of Pure and Applied Physics. The chairman of the Commission is Sir Edward Appleton, and Dr. W. J. G. Beynon, of University College, Swansea, is the secretary. At the Brussels meeting, which was attended by thirty-one individual delegates, the Commission discussed the ionospheric programme being prepared for the International Geophysical Year ; and also a wide range of papers describing research on the ionosphere and related subjects. Most of the scientific papers presented to the Commission are published in full in the *Proceedings*, together with summaries of the discussions at the individual meetings.

Announcements

PROF. T. G. COWLING, professor of applied mathematics in the University of Leeds, has been awarded the Gold Medal of the Royal Astronomical Society for his distinguished contributions to theoretical astrophysics and particularly for his work on the stability of stars.

PROF. LÉON BINET, professor of physiology in the University of Paris, has been elected vice-president for 1956 of the Paris Academy of Sciences.

MR. I. C. McDOWALL, chief executive officer of the New Zealand Pottery and Ceramics Research

Association (Inc.), has been appointed director of the Association. Mr. McDowall, who graduated from Victoria University College, Wellington, in 1944, has been on the staff of the Association since its formation in 1946.

DR. W. D'A. MAYCOCK, a member of the scientific staff of the Lister Institute of Preventive Medicine, has been given the 1955 award of £50 of the Oliver Memorial Fund for his contributions to the development of blood transfusion. Dr. Maycock is adviser in blood transfusion to the Ministry of Health and honorary consultant in blood transfusion to the War Office.

As in previous years, the British Association will rent tables during 1956 at the Marine Biological Station, Plymouth ; the Freshwater Biological Station, Windermere ; and the Zoological Station, Naples. Research workers wishing to use these facilities should write to the Secretary, British Association, Burlington House, London, W.1, giving their qualifications, the work intended and the dates required. Applicants should normally be members of the Association.

THE Food Group and the Oils and Fats Group of the Society of Chemical Industry are holding a conference on "Recent Advances in the Knowledge and Uses of Phospholipids in Foods", which will take place at the Wellcome Research Institute, 183 Euston Road, London, N.W.1, during February 9-10. The registration fee for the conference is 5s. for members of the Society and £1 for non-members. Registration forms, to be completed by February 6, and further information, can be obtained from the Assistant Secretary, Society of Chemical Industry, 56 Victoria Street, London, S.W.1.

THE Textile Group of Aslib, in co-operation with the Textile Institute, is organizing a conference on "Textile Information—Uses and Needs", which will be held at the Textile Institute, Manchester, on March 9. The objects will be to direct attention to the need for establishing and maintaining channels for the flow of technical and economic information to units and individuals in the industry best able to make use of it ; to indicate methods by which the communication of ideas and information might be most effectively achieved ; and to renew existing sources of textile information. Further information can be obtained from the Textile Institute, 10 Blackfriars Street, Manchester 3.

THE Cortina-Ulisse European Prize of one million lire (about £570), which is awarded by the magazine *Ulisse*, is being offered this year for a work on the history of labour organizations during the past century up to the First World War from scientific points of view. Only original works printed for the first time in Europe during the past five years will be eligible, and five copies should be sent in, before February 28, either by the author or by the publisher, to the Editor of *Ulisse*, Sezione Premio Europeo Cortina Ulisse, Corso d'Italia 43, Rome.

A MEMORIAL service for the late Sir Richard Redmayne will be held at 12.30 p.m. on January 26 at St. Margaret, Westminster. The service, which will be conducted by Dr. E. G. Jay, chaplain to the Archbishop of Canterbury, has been arranged jointly by the Institutions of Civil Engineers, of Mining and Metallurgy, and of Professional Civil Servants.