

thirteen oxides most commonly determined in silicate rocks by simple direct methods which can readily be learned by relatively untrained personnel and which give results several times faster than formerly. Most of the determinations depend upon the use of a spectrophotometer, flame photometer, or automatic photometric titration equipment. The booklet will be welcomed by geologists and mineral chemists with experience of the tedious and time-consuming routine of conventional rock analysis.

Ethnographic and Archæological Survey in Angola

An ethnographic survey in the Kioko (Bachioko) region of Angola, made by José Redinha, curator of the Dundo Museum, has been published by the Diamond Company of Angola under the title of "Campanha Ethnográfica au Tchiboco (Alto-Tchicapa)": Pt. 1, "Notas de Viagam" (pp. 175 + 5 plates); Pt. 2, "Aratacoes e Documentacao Gráfica" (pp. 214) (Museu do Dundo, Publicações Culturais No. 19. Lisbon: Companhia de Diamantes de Angola). The first volume contains the itinerary of the expedition, with ethnographic and archæological details on the people and their country. The second volume is a magnificently illustrated catalogue of the objects collected, together with supporting notes on the arts and crafts of the region. This volume, with its wealth of illustrated detail, should be of considerable value to curators of ethnographical museums and to those interested in the comparative study of the material culture of Negro Africa.

University of Sheffield

THE following appointments have been made in the University of Sheffield: J. P. Duncan (lecturer in mechanical engineering in the University of Manchester), professor of mechanical engineering; Dr. G. Weber, senior lecturer in biochemistry; Dr. I. C. Browne, lecturer in physics; Dr. D. J. Harris, lecturer in electrical engineering. The following resignations have been announced: Dr. J. Lewis, lecturer in chemistry; Mrs. H. G. Knowles, map curator and librarian in the Department of Geography.

The Council of the University has accepted an offer by Boots Pure Drug Co., Ltd., to provide a medical research fellowship of the annual value of £1,000 for a number of years. The London Tin Corporation, Ltd., is providing a research fellowship in metallurgy, which has been awarded to Dr. B. B. Argent. Other research fellowships have been awarded as follows: Owens-Illinois Research Fellowship in glass technology to Dr. N. E. Richards; Oldham Research Fellowship in mining to A. G. Neill.

The Council has approved a proposal by the Medical Research Council to establish a Unit for Epidemiological Research on Respiratory Diseases (Air Pollution) in the University. The Unit will be under the direction of Dr. J. Pemberton, senior lecturer in social and industrial medicine.

Announcements

MR. G. H. GREENHALGH has been appointed British scientific attaché in Scandinavia, in succession to Mr. R. G. Silversides, who is returning to the headquarters staff of the Department of Scientific and Industrial Research. Mr. Greenhalgh is on loan to the Department from the Atomic Energy Research Establishment, Harwell.

To commemorate the occasion of the diamond jubilee of the *British Journal of Radiology*, the following have been elected to honorary membership of the British Institute of Radiology: Mr. Cuthbert Andrews; Sir Russell Brain; Dr. Russell J. Reynolds; Dr. F. Gordon Spear.

FOUR new appointments have been made to the staff of the U.S. National Science Foundation. Dr. E. E. Litkenhous becomes programme director for engineering sciences; Dr. Frank K. Edmondson, programme director for astronomy; Marguerite Risley, professional assistant for the astronomy programme; and Dr. Robert R. Brown, professional assistant for the physics programme.

THE British Mycological Society will hold its thirtieth annual plant pathology field meeting in the Nottingham district during July 27-28. Visits will be made to the University of Nottingham Department of Agricultural Sciences, at Sutton Bonington, Loughborough, and to the Boots Lenton Experimental Station, Nottingham. Four papers will be read in the Botany Department of the University. Further information can be obtained from Dr. G. J. F. Pugh, Department of Botany, The University, Nottingham.

THE Faraday Society has arranged a general discussion on "The Physical Chemistry of Processes at High Pressures" to be held in the University of Glasgow during September 20-21. After a general introduction by Prof. A. R. Ubbelohde (Imperial College, London), there will be three sessions on the following topics: equations of state, physical properties and thermodynamic transformations; chemical reactions and transformations at high pressures; and detonation and other high-temperature phenomena at high pressures. Proofs of papers will be circulated in advance of the meeting. Further information can be obtained from the Secretary of the Society at 6 Gray's Inn Square, London, W.C.1.

THE Teyler's Foundation and the Teyler's Second Society, Haarlem, are offering jointly a prize for an essay on "The absolute relations, on time and space, between actual events, as brought to light by the theory of Einstein, and the interest which the new insight concerning these might have for views in other domains of knowledge". The prize will consist of a gold medal, worth 400 Dutch florins, or, if the recipient prefers it, this amount in cash. The essays may be in Dutch, French, English or German, and must be submitted by January 1, 1957. Further information can be obtained from the Directeuren van Teylers Stichting, Fundatiehuis Damstraat 21, Haarlem, Netherlands.

THE Department of Industrial Engineering of the Loughborough College of Technology is starting, as from September next, a new postgraduate course in industrial engineering. The course will last one year and will cover a wide range of advanced management topics. In addition, some special subjects will be dealt with, including nuclear energy and automation, which will be approached from the technological point of view; there will also be sessions on men and machines, which will be concerned with the physiological effects of noise, fumes, dust, vibration, etc. The course is suitable for senior personnel from all types and branches of industry. Further information can be obtained from the Head of the Department of Industrial Engineering, Loughborough College of Technology, Loughborough, Leicestershire.