

magnetism, the aurora, cosmic rays, seismology, gravity, and latitudes and longitudes. Without a trained guide it may be difficult to grasp the essential aims and the methods to be employed in the international project. As administrative secretary of the International Council of Scientific Unions, the body which is responsible for the organization of the Geophysical Year, Dr. Fraser is probably unequalled in the capacity of such a guide, and "Regard the Earth", the small, illustrated guide book which he has written, clearly explains why 1957-58 was chosen for the project and what exciting activities and results are to be expected. The booklet is an excellent introduction to the more detailed scientific account and is strongly recommended to all school libraries.

#### Department of Northern Affairs and National Resources: Appointments

THE following appointments in the Canadian Department of Northern Affairs and National Resources are announced: Dr. I. C. M. Place, a Canadian forester who has been engaged in teaching and research at the University of Wisconsin, Madison, since 1955, to be officer-in-charge of the Petawawa Forest Experiment Station of the federal Forestry Branch; and Dr. J. S. Rowe, senior research officer at the Winnipeg office of the federal Forestry Branch, to co-ordinate all ecological studies carried out by the Branch's forest research division. He will be based at Branch headquarters in Ottawa.

#### British Oxygen Fellowship Awards

BRITISH OXYGEN FELLOWSHIPS for postgraduate research have been awarded to the following: J. W. Arnold, for research in the Department of Chemical Engineering at the Imperial College of Science and Technology, London; R. K. MacCrone, of the University of the Witwatersrand, Johannesburg, for research in the Clarendon Laboratory, Oxford; and J. B. Thompson, for research in the Department of Physics, University College, London. Renewal of fellowship for a third year has been granted to R. A. H. Pool, to continue research in the Inorganic Chemistry Laboratory, University of Oxford.

#### Paul Instrument Fund Committee Awards

THE Paul Instrument Fund Committee has awarded the following grants: £2,075 to Dr. E. T. Hall, senior research officer at the Research Laboratory for Archaeology and the History of Art, Oxford, for the construction of an apparatus with which magnetic measurements may be made of archaeological material and for the development of an instrument for applying the method of neutron activation analysis to archaeological problems; and £2,600 to Dr. C. N. Smyth and Mr. F. Y. Poynton, working at the Northampton Polytechnic, London, for continuation of the construction of an ultrasonic microscope for which a grant was made in December 1954.

The Paul Instrument Fund Committee, composed of representatives of the Royal Society, the Physical Society, the Institute of Physics and the Institution of Electrical Engineers, was set up in 1945 "to receive applications from British subjects who are research workers in Great Britain for grants for the design, construction and maintenance of novel, unusual or much improved types of physical instruments and apparatus for investigations in pure or applied physical science".

#### Announcements

DR. FRITZ A. LIPPMANN, who received a share of the Nobel Prize for medicine and physiology in 1953 for his work on coenzyme A, has been appointed member and professor of the Rockefeller Institute for Medical Research, New York.

PROF. W. C. STADIE, professor emeritus of research medicine in the University of Pennsylvania, has been awarded the Alvarenga Prize for 1957 by the College of Physicians of Philadelphia, for his major contributions to knowledge of carbohydrate metabolism.

THE Low Temperature Group of the Physical Society and the Institution of Chemical Engineers are jointly organizing a one-day conference on "Recent Developments in Industrial Low Temperature Gas Separation", to be held on November 26 at the Royal Institution, Albemarle Street, London, W.1. Further details can be obtained from the General Secretary, Institution of Chemical Engineers, 16 Belgrave Square, London, S.W.1.

THE twelfth National Conference of the British Institute of Management, with the theme "Research—a Signpost to Better Management", is to be held in Bournemouth during November 6-8. The discussion will fall under the main headings of general management, human relations, production, economics, marketing, office management and finance. Inquiries should be addressed to the Conference Office, British Institute of Management, Management House, 80 Fetter Lane, London, E.C.4.

THE annual conference of the Society of Leather Trades' Chemists will be held in the large Chemistry Lecture Theatre, University of Leeds, on September 27 and 28, when K. B. Ross, director of operations in the Industrial Group of the United Kingdom Atomic Energy Authority, will deliver the Society's sixtieth anniversary lecture, on "Some Reflexions on the Atomic Energy Industry". Inquiries should be addressed to the honorary secretary of the Society, G. H. W. Humphreys, Forestal Central Laboratories, Harpenden, Herts.

THE second conference on "Pulverized Fuel", organized by the Institute of Fuel, will be held at the Institution of Civil Engineers, Great George Street, Westminster, S.W.1, on November 27-28. This conference is intended to review developments in pulverized-fuel firing since the first conference in 1947, and to set the subject in focus against the general background of development in all fuels, including nuclear fuels. Advance copies of papers will be sent to those enrolling with the Secretary, Institute of Fuel, 18 Devonshire Street, Portland Place, London, W.1, to whom all inquiries should be addressed.

THE fourth Conference of the International Society of Soil Mechanics and Foundation Engineering will be held at the Institution of Civil Engineers, Great George Street, London, S.W.1, during August 12-24. The papers to be delivered, which have been pre-printed in two volumes of Proceedings, are to be discussed in nine sessions, including soil properties and their measurement; techniques of field measurement and sampling; foundations and structures; roads, runways and rail-tracks; earth-pressures on structures and tunnels; and earth dams, slopes and open excavations. Inquiries should be addressed to the secretary, A. Banister, c/o Institution of Civil Engineers, Great George Street, London, S.W.1.