

conferred on Dr. William Cullen, Dr. T. A. Rickard and Prof. S. J. Truscott, in recognition of their long and valued services to the mining and metallurgical profession and to the Institution. The "Consolidated Gold Fields of South Africa, Ltd." Gold Medal has been awarded jointly to Dr. Anthony Caplan and Mr. J. K. Lindsay, for their work on the effect of high temperatures on working efficiency in deep mines.

Institution of Civil Engineers: Officers

THE following have been elected officers of the Institution of Civil Engineers for the Session 1948-49: *President*, Sir Jonathan Davidson; *Vice-Presidents*, Sir Reginald Stradling, V. A. M. Robertson, Dr. W. H. Glanville, A. S. Quartermaine; *Other Members of Council*, H. E. Aldington, Sir Stanley Angwin, Sir Donald Coleman Bailey, Prof. J. F. Baker, G. Baxter, W. S. Cameron, J. Chambers (India), H. F. Cronin, E. L. Everatt (Pakistan), A. Gray (Canada), A. C. Hartley, Prof. Douglas Hay, G. H. Humphreys, Sir Claude Inglis, L. Leighton, L. A. Mackenzie (South Africa), G. M. McNaughton, H. J. B. Manzoni, W. L. Newnham (New Zealand), Prof. A. J. S. Pippard, J. Rawlinson, W. P. Shepherd-Barron, T. H. Silk (Australia), J. C. L. Train, D. M. Watson, Sir Arthur Whitaker.

University of London: Appointments

THE following appointments in the University of London have been announced: Prof. J. W. S. Blacklock, professor of pathology in the University of Glasgow, to the University chair of pathology tenable at St. Bartholomew's Hospital Medical College as from October 1; Mr. James Whillis, reader in anatomy in Guy's Hospital Medical School, to the chair of anatomy tenable at the School as from October 1; Dr. Hugh Ford, technical director, Paterson Engineering Group, to the University readership in applied mechanics tenable at the Imperial College of Science and Technology as from May 1.

The following titles have been conferred in respect of posts at the Colleges mentioned: professor of social studies in the University on Mrs. Barbara Wootton (Bedford College); reader in biochemistry in the University on Dr. H. W. Buston (Imperial College of Science and Technology); reader in biochemistry in the University on Mr. Wilfrid Lawson (Middlesex Hospital Medical School); reader in morbid anatomy in the University on Dr. D. M. Pryce (St. Mary's Hospital Medical School).

The degree of doctor of science has been conferred on Mr. B. H. Crawford, of University College.

Thirteenth International Congress of Zoology

THE Chief Cashier, Exchange Control, Bank of England, states that a special allotment of the equivalent of £36 in foreign exchange will be provided to approved persons to enable them to attend the International Congress of Zoology in Paris during July 21-27. Anyone wishing to obtain this special allotment should submit an application on Form T.2, quoting the reference I/392 EC 902, through the medium of their own bankers, from whom the necessary forms may be obtained. The Bank of England authorities state that they would only be prepared to consider names sponsored by the Zoology Section, International Union of Biological Sciences, and therefore any applicants are advised also to notify the president of the Section, Dr. Edward Hindle, Zoological Society, Regent's Park, N.W.8.

Announcements

THE Lord President of the Council has appointed the following to be members of the Chemistry Research Board of the Department of Scientific and Industrial Research for a period of four years: Mr. A. L. Bacharach, head of Nutrition Unit, Glaxo Laboratories, Ltd.; Prof. H. J. Emeléus, professor of inorganic chemistry, University of Cambridge; Prof. D. M. Newitt, professor of chemical engineering, Imperial College of Science and Technology, London.

THE following have been appointed to the Advisory Council on Scientific Research and Technical Development, Ministry of Supply, which advises on the important scientific and technical problems with which the Ministry is concerned: Sir Howard Florey, professor of pathology, University of Oxford; Prof. J. L. M. Morrison, professor of mechanical engineering, University of Bristol; Prof. L. Rosenhead, professor of applied mathematics, University of Liverpool.

THE Royal Astronomical Society wishes to direct the attention of authors to the fact that arrears of papers accepted for the *Geophysical Supplement* of the *Monthly Notices of the Royal Astronomical Society* have now been published. It is anticipated that in future the average delay between the acceptance and publication of geophysical papers will only be a few months. The arrears of papers accepted for the *Monthly Notices* are now all in print and will be published and distributed in the near future; after which the average delay between acceptance and publication should not be more than three or four months.

THE Animal Health Trust has made a research grant to Mr. J. Steele, of Australia, for work at the Trust's Canine Research Station near Newmarket. Mr. Steele's work will be in connexion with the fundamentals of electro-cardiography as applied to domestic animals and with nervous diseases of dogs.

THE Council of the Institution of Mining and Metallurgy is arranging a symposium on the "Refining of Non-ferrous Metals" to be held in London on July 7 and 8, thus preceding the Fourth Empire Mining and Metallurgical Congress. The papers to be presented will be issued as preprints, so that most of the time available at the meeting may be devoted to discussion. Further information can be obtained from the Secretary, Institution of Mining and Metallurgy, Salisbury House, London, E.C.2.

THE third annual Electronics Exhibition organised by the North-West Section of the Institution of Electronics will be held in the College of Technology, Manchester, during July 20-22. There will also be an exhibition of scientific films arranged by the Manchester Scientific Film Society. Admission to the Exhibition will be by ticket only, obtainable from Dr. J. A. Darbyshire, 'Melandra', 1 Kershaw Road, Failsworth, Manchester.

A SUMMER school for youth leaders is being held at Haywards Heath, Sussex, during July 26-August 1, under the auspices of the National Association of Girls' Clubs and Mixed Clubs. The theme of the conference will be "The Club Programme and Informal Education" and it will be directed by Dr. J. Macalister Brew. Further information can be obtained from the Education Secretary, National Association of Girls' Clubs and Mixed Clubs, 30-32, Devonshire Street, London, W.1.