

Mr. Charles Oldham was elected a vice-president and Mr. D. J. Scourfield, Mr. J. Spedan Lewis and Mr. David Bryce were elected new members of council. It was announced that the third volume of Dr. Gurney's "British Freshwater Copepoda" is in the press, and will form the issue for the current year. For future issue, in addition to the second volume of Prof. Stephenson's "British Sea Anemones", the Council has provisionally accepted works on British Neuroptera by Mr. F. J. Killington, on British Psocoptera by Mr. J. V. Pearman, and on British Freshwater Planarians by Mr. Philip Ulyott, all of which are in active preparation.

Announcements

At the annual general meeting of the Institute of Metals, the following officers were elected for the year 1933-34: *President*: Sir Henry Fowler; *Vice-Presidents*: Prof. C. H. Desch and Prof. R. S. Hutton; *Members of Council*: Eng. Vice-Admiral Sir Robert Dixon, Mr. Wesley Lambert, Mr. H. C. Lancaster, Mr. A. H. Munday, Mr. A. J. G. Smout, Mr. F. Tomlinson. The silver Jubilee meeting of the Institute will be held in Birmingham on September 18-21. It was in Birmingham that the first general meeting of the Institute was held in the autumn of 1908, under the presidency of the late Sir William White.

THE Institute of Physics announces that the B.O.I.M.A. Prize for the best paper published in the *Journal of Scientific Instruments* during the year 1932 has been awarded to Mr. E. Lancaster-Jones, of the Science Museum, for his paper on "The Principles and Practice of the Gravity Gradiometer", and the Institute of Physics prize for the best contribution to the Laboratory and Workshop Notes in the *Journal* has been awarded to Dr. J. L. Miller and Mr. J. E. L. Robinson of Messrs. Ferranti, Ltd., for their joint note entitled "A Three-Dimensional Adjustment of an Electrode in Vacuo".

A SPECIAL exhibition in commemoration of the death, on April 22, 1833, of Richard Trevithick, the great advocate of the high-pressure steam engine and the 'father' of the railway locomotive, is being held in the Main Hall of the Science Museum, South Kensington, from March 31 until the end of June. The exhibition includes examples of engines, etc., designed by him as well as numerous other objects relating to him and his work.

THE fourth annual exhibition of television and photoelectric apparatus arranged by the Television Society will be held at the Imperial College of Science and Technology, South Kensington, S.W.7 on April 5 at 6-9 p.m. and April 6 at 3-9 p.m. The exhibition catalogue (price 6d., or post paid, 7d.) can be obtained on about April 3 from the exhibition secretary, Mr. W. G. W. Mitchell, "Lynton", Newbury, Berks. Further information and cards of admission can be obtained from the honorary business secretary of the Television Society, Mr. J. J. Denton, 25, Lisburne Road, Hampstead, N.W.3.

WE have received from British Glues and Chemicals Ltd., Imperial House, 15, 17, 19 Kingsway, London, W.C.2, a pamphlet containing particulars of an international competition organised with the object of promoting interest and research in the development of the uses of bone glue. Provision has been made for prizes to the total value of 20,000 Swiss francs and a further sum of 10,000 Swiss francs is held in reserve to be employed in special cases set out in the rules. A copy of the pamphlet containing the rules and any further information may be obtained at the above address (Department I/S).

IN the review of Dr. W. N. Bond's "Numerical Examples in Physics" in NATURE of March 4, the reviewer suggested that it was a slip on the part of the author to express the mass of the sun as 1.47 kilometres, and to specify a piece of glass as having a refractive index of 1.961. Lord Holden has written to point out that the former is a statement in terms of units that Eddington has found it convenient to use. It may therefore be regarded as correct but rather cryptic. As regards the second statement, glass has been made of such a large refractive index as is given in the question, though it is not very satisfactory in use, turning yellow with age. The high value of the refractive index was intended by Dr. Bond to add point to the numerical example.

APPLICATIONS are invited for the following appointments, on or before the dates mentioned:—Three junior assistants in the Chief Engineer's Department of the Metropolitan Water Board—The Chief Engineer, Offices of the Board, 173, Rosebery Avenue, E.C.1 (April 6). A temporary principal technical assistant in the Shellfish Services Staff and an assistant naturalist in the Fisheries Department of the Ministry of Agriculture and Fisheries—The Secretary, Ministry of Agriculture and Fisheries, 10, Whitehall Place, London, S.W.1 (April 10). Examiners in botany and mathematics in the matriculation and General School examination of the University of London—The Secretary to the Matriculation and School Examination's Council, University of London, South Kensington, S.W.7 (April 18). A professor of physiology in the University of Sheffield—The Registrar (April 20). A senior pathologist in the Department of Preventive Medicine of the University of Bristol—The Secretary (April 20). A scientific assistant in the Imperial Bureau of Plant Genetics: Herbage Plants, Agricultural Buildings, Aberystwyth, Wales—The Director (April 21). A demonstrator in the Department of Zoology at Bedford College for Women, Regent's Park, N.W.1—The Secretary (April 29). An inspector of installations (heating, ventilating, electrical, sanitary, etc.) for the new buildings of the Société des Nations—Le Bureau du Personnel, Secrétariat Société des Nations, Geneva (April 30). A lecturer in helminthology in the Department of Zoology and the Royal (Dick) Veterinary College (University of Edinburgh)—The Secretary of the University (May 24).