

industrial and agricultural undertakings is gradually being based on more precise data and on improved techniques of management independent of the many and specific points on which scientific workers of different kinds—chemists, physicists, geologists and many others—are qualified to advise. Management consists in taking decisions with due regard to the multifarious factors of the organisation either within or without the control of the manager. The Congress is well supported by a large number of professional bodies and by eminent industrialists. H.R.H. the Prince of Wales is the patron; the chairman is Sir George Beharrell. Dr. E. F. Armstrong and Sir Henry Fowler are among the chairmen of committees. The fuller programmes and membership forms will be available from Mr. H. Ward, 21 Tothill Street, London, S.W.1, at the end of October. The papers to be discussed will be printed in six volumes and be available to members before the Congress.

Announcements

THE next meeting of the General Assembly of the International Astronomical Union will take place in Paris on July 10–17, 1935.

ON October 13, Sir E. Hilton Young, the Minister of Health, will open the Stenhouse Williams Memorial Library at the National Institute for Research in Dairying, Shinfield, near Reading. The Library was founded in memory of Dr. Stenhouse Williams, the first director of the Institute, who died on February 2, 1932.

THE Sixth International Botanical Congress will be held at Amsterdam on September 2–7, 1935 (see *NATURE*, 132, 780, Nov. 18, 1933). The Congress will be divided into the following sections: (1) Agronomy, (2) Cytology, (3) Genetics, (4) Geobotany, Ecology and Phytogeography, (5) Morphology and Anatomy, (6) Mycology and Bacteriology, (7) Phytopathology, (8) Palaeobotany, (9) Plant Physiology, (10) Taxonomy and Nomenclature. The principal topics for discussion have been selected. Further information can be obtained from the Secretary, Dr. M. J. Sirks, Wageningen, Holland.

THE twenty-fifth edition of Messrs. Becker and Co.'s (17–29 Hatton Wall, London, E.C.1) catalogue of chemical apparatus, chemicals and general laboratory equipment has recently been issued. It contains 856 pages, and describes a wide field of apparatus and equipment. Recent advances in chemical apparatus are represented by the increasing number of electrically heated units, and the use of special materials such as silica and monel metal for the construction of apparatus. We also note the low-pressure apparatus, including the Kaye steel mercury diffusion pump; thermoelectric equipment and pyrometers; pyrex apparatus with interchangeable standard ground joints; biological apparatus, including microscopes; and projection apparatus. The catalogue will be useful in any laboratory.

MESSRS. WILLIAMS AND NORGATE, LTD., announce that they will shortly issue on behalf of the Herbert

Spencer Trustees a volume by Prof. John Garstang, professor of sociology in the University of Liverpool, on "The Kingdom of Solomon" as one of the volumes of the Descriptive Sociology Series.

A COMPREHENSIVE treatise on the principles and practice of the production and refining of mineral oils entitled "The Science of Petroleum" is in preparation for publication by the Oxford University Press. The British editors are Dr. A. E. Dunstan, chief chemist of the Anglo Persian Oil Company, Prof. A. W. Nash, Department of Oil Engineering, University of Birmingham; and Mr. H. T. Tizard, rector of the Imperial College of Science. The chief editor in America is Dr. B. T. Brooks. The work will contain articles by nearly three hundred authorities from all parts of the world; every aspect of the science of petroleum is being discussed in articles which, it is hoped, will be authoritative and definitive.

APPLICATIONS are invited for the following appointments, on or before the dates mentioned: A technical officer in the Admiralty Technical Pool chiefly for work in connexion with small precision mechanical and electrical apparatus—Secretary of the Admiralty (C.E. Branch), Whitehall, London, S.W.1 (Sept. 4). A teacher (evening) of heat engines and hydraulics at the Central Polytechnic, Scarbrook Road, Croydon—Principal (Sept. 10). An assistant curator in the Royal Albert Memorial Museum, Exeter—Town Clerk, endorsed "Assistant Curator" (Sept. 12). A chief inspector of aircraft in the Civil Aviation Directorate of the Government of India—High Commissioner for India, General Department, India House, Aldwych, London, W.C.2 (Sept. 12). An assistant at the Fuel Research Station, East Greenwich, for work on the preparation of reports and abstracting of technical papers in connexion with the Fuel Research Coal Survey—Establishment Officer, Department of Scientific and Industrial Research, 16 Old Queen Street, Westminster, S.W.1 (Sept. 15). Assistant civil engineers in the Civil Engineer-in-Chief's Department, Admiralty—Civil Engineer-in-Chief (Sept. 15). A junior technical examiner (male), formerly known as draughtsman, in the Lands Branch of the War Department—Secretary, Civil Service Commission, Burlington Gardens, London, W.1 (Sept. 20). An engineering chemist, Public Works Department, Gold Coast—Director of Recruitment (Colonial Service), 2 Richmond Terrace, London, S.W.1 (Sept. 30). A professor of pure mathematics in the University of Sydney, Australia, particulars obtainable from the Universities Bureau of the British Empire, 88A Gower Street, London, W.C.1—Registrar, University of Sydney (Oct. 15). An assistant (Grade III) for work on general aircraft instrument design and test in the Directorate of Technical Development, Air Ministry—Chief Superintendent, Royal Aircraft Establishment, South Farnborough, Hants (quoting reference No. A.617). A laboratory assistant (male) at the War Department's Experimental Station, Porton—Commandant, Experimental Station, Porton, near Salisbury.