

'Spot' Tests

THE British Drug Houses, Ltd., London, N.1, has recently published a fourth edition of its book of reagents for 'spot' tests and delicate analysis (2s. 6d., postage 4d.). The application of sixty-seven organic reagents is described, nearly twice the number given in the first edition which was issued three years ago. References are appended to each monograph. In addition to descriptive matter relating to 'spot' tests as applied to micro-analyses, the book includes adequate working details for many colorimetric determinations and larger scale methods of analysis in which organic reagents are employed. This firm also makes a 'spot' test outfit and issues a price list of the reagents mentioned in the book. The fact that the latter has reached a fourth edition in three years indicates that the use of these reagents is extending.

Congress of Phonetic Sciences

THE second International Congress of Phonetic Sciences will be held in London on July 22-26, when the following subjects among others will be discussed: the physiology of the voice, evolution of speech in the individual, its evolution in the history of mankind, influence of heredity, gesticulation, psychology of speech, the deaf-mute, problems of practical instruction in language, use of the gramophone, and speaking films. Further information can be obtained from Miss Parkinson, International Phonetic Congress, University College, W.C.1.

International Congress on Population Problems

AN International Congress for the Scientific Investigation of Population Problems will be held in Berlin on August 26-Sept. 1 next. Arrangements for the Congress are being made by the International Population Union in association with the German societies for the study of race, hygiene, statistics and public health. The president of the Congress is Dr. Eugen Fischer, director of the Kaiser Wilhelm Institute for Anthropology, Human Heredity and Eugenics, Berlin. The scientific proceedings of the Congress will be conducted in general and sectional meetings, the latter providing for communications dealing with population statistics, population biology and race hygiene, social, economic and psychological population problems, and medicine and hygiene. Specific topics of discussion are "The Problem of Births", "Town and Country", "Racial Hygiene", and "The Protection and Consecration of Life". The General Assembly of the International Union for the Scientific Investigation of Population Problems will be held on Monday, August 26, under the presidency of Sir Charles Close. The delegates will be received by the Government of the Reich, the city of Berlin, and the Oberbürgermeister of Potsdam. Visits will be paid to scientific institutions, labour corps camps, etc., and arrangements have been made for an excursion to Saxon Switzerland. Particulars of the arrangements for the Congress may be obtained from the central office, Einemstrasse 11, Berlin, W.62.

Beit Memorial Fellowships for Medical Research

AT the meeting of the trustees of the Beit Memorial Fellowships for Medical Research on July 12, it was announced that Prof. T. R. Elliott, professor of medicine in the University of London, and Prof. E. D. Adrian, Foulerton research professor of the Royal Society, have been appointed trustees in succession to the late Sir John Rose Bradford and to Sir Charles Sherrington respectively. Elections to fellowships were made as follows, the proposed subject and place of research being given in each case after the new fellow's name. *Senior Fellowship* (value £700 per annum): Mr. R. Hill, to continue his studies on the respiratory function of hæmoglobin (Physiological Laboratory and the Molteno Institute, University of Cambridge). *Fourth Year Fellowships* (value £500 per annum): Dr. R. Gaddie, to continue his research on the metabolism of heart muscle (Departments of Medical Chemistry and Materia Medica, University of Edinburgh); Dr. J. M. Robson, to continue his work on the hormonal factors concerned in the maintenance of pregnancy and initiation of parturition (Institute of Animal Genetics, University of Edinburgh, or the School of Agriculture, University of Cambridge); Dr. F. G. Young, to study the diabetogenic factors of the anterior pituitary gland (Department of Physiology and Biochemistry, University College, London). *Junior Fellowships* (normal value £400 per annum): Dr. A. R. Todd, molecular structure of vitamin B₁ (Department of Medical Chemistry, University of Edinburgh); Mr. R. J. Kellar, the problem of nephritis and high blood pressure associated with pregnancy (London laboratories of the Royal College of Surgeons, and the Obstetric Unit, University College Hospital, London); Mr. N. L. Edson, fat metabolism and ketogenesis (Institute of Biochemistry, University of Cambridge); Dr. M. H. Salaman, investigation of the antigenic structure of the vaccinia virus (Lister Institute of Preventive Medicine, London); Dr. J. D. Fulton, experimental chemotherapy of malaria (London School of Hygiene and Tropical Medicine); Dr. Adèle H. Rosenheim, chemical nature of antibodies, especially those in antityphoid sera (Lister Institute of Preventive Medicine, London). The honorary secretary of the Beit Memorial Trustees is Prof. T. R. Elliott, University College Hospital Medical School, University Street, London, W.C.1.

Leverhulme Research Fellowships and Grants

TWENTY nominations have been made to Leverhulme Research Fellowships tenable for varying periods up to two years. The new fellows and their subjects of research include the following: Dr. W. N. Bailey, senior lecturer in mathematics, University of Manchester, the study of functions of hypergeometric type; Prof. D. B. Blacklock, professor of tropical medicine, University of Liverpool, a study of the present practice of hygiene (including rural hygiene) in certain Eastern countries; Mrs. M. G. Blacklock, curator of the Museum, Liverpool School of Tropical Medicine, a comparative

study of the organisations for the improvement of health of women and children in Eastern countries; Prof. C. Daryll Forde, professor of geography and anthropology, University of Wales, Aberystwyth, field study of the economy of a West African village community; Mr. S. D. Garrett, formerly assistant plant pathologist, Waite Agricultural Research Institute, University of Adelaide, the biological antagonism of the soil microflora towards root disease fungi of crop plants; Mrs. M. M. Hasluck, the unwritten law of Albania; Mrs. K. Lonsdale, research worker, Royal Institution, relation between structure and physical properties of organic molecules; Mr. E. P. Mumford, late director, Pacific Entomological Survey, Honolulu, terrestrial and freshwater biota of the Marquesas Islands; Dr. R. G. W. Norrish, Emmanuel College, Cambridge, the mechanism of certain chemical reactions; Mr. F. R. Perry, Research Dept., Metropolitan-Vickers Electrical Co., Ltd., the study of overvoltages due to lightning on transmission lines; Mr. L. R. Wager, lecturer in mineralogy and petrology, University of Reading, the tertiary igneous history of East Greenland; Mr. W. D. Ware, washery supervisor, Cefn Coed Colliery, Crynant, South Wales, research on the lower part of the Coal Measures and Millstone Grit in Pembrokeshire.

SEVEN grants in aid of research have been made by the Leverhulme trustees. They include grants to the following: Dr. P. Ford, head of Department of Economics, University College, Southampton, for statistical inquiries into sources of family income; Mr. R. D'Oyley Good, head of Department of Botany, University College, Hull, for a botanical survey of Dorset; Prof. J. W. Heslop Harrison, professor of botany, Armstrong College, Newcastle, for genetical and evolutionary studies with special reference to closely allied species and local races; Mr. J. W. Layard, to study the social anthropology of north eastern Malekula and allied cultures; Prof. J. W. W. Stephens, emeritus professor of tropical medicine, University of Liverpool, for a treatise on blackwater fever in its historical, clinical and other aspects.

Announcements

THE fifth Congress of Biological Chemistry will be held at Brussels on October 23-25. Further information can be obtained from the general secretary, M. R. Fabre, 149 rue de Sèvres, Paris.

IN a recently published pamphlet entitled "The Wasp" by Dr. W. B. R. Laidlaw (Edinburgh: John Baxter and Sons, Ltd. 3s.), the subject of the specific differentiation of the males in the genus *Vespa* is specially dealt with. The diagnostic characters concerned are illustrated by coloured and other plates together with tabular keys. The distribution of the genus in Scotland has also been specially studied by the author.

BOOTS' PURE DRUG Co., LTD., Nottingham, have recently issued a booklet with a useful thumb index,

describing briefly their special medical products, with their modes of issue and prices. It is stated in the preface that all products must satisfactorily pass analytical tests and where necessary are examined bacteriologically and pharmacologically. Many of these special products are submitted to clinical trial before issue. The booklet has been specially compiled for the information of the medical profession.

THE National Botanic Gardens of South Africa has issued a seed list of seeds available from the plants grown in the Gardens at Kirstenbosch, Newlands, on the flank of Table Mountain. In addition to the African species grown here, there are also seeds of a certain number of exotic species of economic value, but perhaps even more interesting to British botanists will be the list of seeds available from the plants in the Karoo Garden, Whitehill. Applications for packets of seed have to be made to the Director at Kirstenbosch.

APPLICATIONS are invited for the following appointments, on or before the dates mentioned:

A chemist in the Admiralty Chemical Pool—Secretary of the Admiralty (C.E. Branch), London, S.W.1 (July 22).

A full-time graduate assistant master for electrical engineering and mathematics at the Paddington Technical Institute—Education Officer (T. 1), County Hall, London, S.E.1 (July 22).

A temporary lecturer in mathematics (woman) at Bingley Training College—The Education Officer, County Hall, Wakefield, Yorks (July 24).

A lecturer in physics at Saint Luke's College, Exeter—The Principal (July 27).

An assistant with experience of the building industry at the Building Research Station, Garston, near Watford, Herts—The Director (July 27).

An assistant director and a secretary-statistician to the director of an industrial survey of South Wales—D. J. Davies, 1 St. Andrew's Place, Cardiff (July 29).

An assistant lecturer in metallurgy (founding) in the University of Sheffield—The Registrar (July 31).

A lecturer in the Department of Mechanical Engineering, Robert Gordon's Technical College, Aberdeen—Secretary (July 31).

Six gazetted civilian workshop officers for the Indian Army Service Corps (Mechanical Transport)—Secretary, Military Department, India Office, S.W.1, marked Mechanical Transport Recruitment (July 31).

A chemist in the Fulham Power Station—Town Clerk, Dept. 6, Town Hall, Fulham, S.W.6 (August 6).

Regius professor of zoology in the University of Glasgow—Private Secretary, Scottish Office, Whitehall, London, S.W.1.

A lecturer in physics and mathematics in the Rotherham College of Technology and Art—Director of Education, Education Offices, Rotherham.

Assistants for field and drawing-office work, Air Ministry—Secretary (W.B. 9, Room 161), Air Ministry, Adastral House, Kingsway, London, W.C.2 (by postcard).