

Humphreys, Ltd., of Knightsbridge, generously undertook the responsibility, and a number of other firms collaborated in the construction and equipment. The model is to a scale of one sixteenth of full size, and includes adults' and children's wards, complete with bathrooms, lavatories and sink rooms, and with circular solarium at the end, operating theatres, X-ray apparatus, staircases and working electric lift, board room and kitchen, balconies and garden, together with figures of doctors, nurses and patients. The work was executed by a staff of skilled craftsmen, and so far as possible every detail essential to a building of this kind has been reproduced in the model—furniture, bedding, screens, radiators and others too numerous to mention. The model is on view until further notice at British Industries House, Hereford House, Oxford Street, London.

Agricultural and Horticultural Research

THE year 1934, coming after a period of monetary anxiety, brought financial stability to the National Fruit and Cider Institute and Research Station at Long Ashton, Bristol. This gratifying state of affairs has allowed the completion, or further prosecution, of several important pieces of investigational work. Some results of these are published in the annual report of the Station for 1934 (Long Ashton, pp. 312, July 1935). A foreword by Prof. B. T. P. Barker, the director, outlines the administrative changes of the organisation, and also of the Berkeley Square Advisory Centre, Bristol. The principal contributions of research results are three papers on the maturity of fruit by Dr. J. C. Hinton (*NATURE*, Oct. 26, p. 687), whilst numerous studies of pests and plant pathology have been prosecuted. The cider investigations include a consideration of the suitability of various containers for apple juice, the role of pectin in cider-making, experiments on clarification of the juice, and preservation with sulphur dioxide. A soil survey of the Teart Land areas of Somerset is also being made.

Television in Australia

BAIRD TELEVISION, LTD. announces that as the result of negotiations with the Australian Radio Manufacturers' Patents Association, Ltd., of Sydney, the Association has been appointed the exclusive representatives in Australia of the Baird Company, both for the construction and operation of television transmitting stations and the manufacture of television receivers under the Baird patents. The Australian Radio Manufacturers' Patents Association, Ltd. is composed of a majority of the leading radio manufacturers throughout the Commonwealth of Australia, and they propose to develop television as an adjunct to sound broadcasting. Experimental transmitters will, it is expected, be erected in Sydney and Melbourne in the near future, with the view of providing ultimately a commercial high-definition television service.

Louis Lumière Celebrations

A MEETING to celebrate the fortieth anniversary of the invention of the *cinématographe* by Louis and

Auguste Lumière will be held in the Hall of the Sorbonne, Paris, on November 6 at 9 p.m. The meeting will be held under the presidency of M. Mario Roustan, Minister of Education; and M. Albert Lebrun, President of the Republic, will be present. Among the discourses will be one given by Prof. C. Fabry, professor of physics in the Sorbonne and president of the French Society of Photography and Cinematography. During the celebrations, certain films made in 1894, and colour photographs of 1907–1935, will be exhibited. Further information can be obtained from the Secrétaire Général, 11 Avenue Casimir, Asnières (Seine).

Awards of the Institution of Civil Engineers

THE following awards of the Institution of Civil Engineers have recently been made for papers read and discussed at ordinary meetings: a Telford Gold Medal to B. M. Hellstrom (London); a Telford Premium jointly to F. W. D. Davis (London) and William Mackenzie (Hull); a Telford Premium to G. L. Groves (London); a Telford Premium jointly to C. Seager Berry (Baldock) and A. C. Dean (Manchester); a Telford Premium to E. J. Buckton (London); a Telford Premium to W. J. H. Rennie (Singapore); a Telford Premium and the Coopers Hill War Memorial Prize to A. W. H. Dean (New Delhi); a Telford Premium and the Indian Premium to M. G. Platts (Madras); a Telford Premium jointly to J. A. K. Hamilton (Cleveland, York) and J. Tudor Graves (Middlesbrough); a Telford Premium to Alexander Gray (St. John, Canada); a Trevithick Premium to George McIlldowie (Newcastle, Co. Down); a Trevithick Premium jointly to W. T. W. Miller (Sheffield) and R. J. Sargent (Sheffield); a Manby Premium to M. A. Ravenor (London); a Crampton Prize jointly to V. F. Bartlett (London) and W. H. Cadwell (Mellor, Derbyshire). For papers published without discussion as 'Selected Engineering Papers': a Telford Premium to T. H. Hopkins (Bromley, Kent); a Telford Premium jointly to Prof. E. G. Coker (London) and G. P. Coleman (London); a Telford Premium to Ralph Poole (Bradbury, Cheshire); a Telford Premium to W. H. Weston (Glasgow); a Telford Premium to C. G. Watson (London). For papers read at students' meetings: the James Forrest Medal and a Miller Prize to James Halliday (Dunbar); Miller Prizes to R. S. Cogdon (Sunderland), Geoffrey Wood (London), R. G. Rowbotham (Buenos Aires), G. R. Coles (St. Albans, Herts) and J. L. Matheson (Stafford). The Charles Hawksley Prize has been awarded to Frank W. Curry (London).

Announcements

AT the annual statutory meeting of the Royal Society of Edinburgh held on October 28 the following council was elected: *President*: Prof. D'Arcy Wentworth Thompson; *Vice-Presidents*: Prof. C. G. Darwin, Prof. R. A. Sampson, Principal O. Charnock Bradley, Prof. P. T. Herring, the Marquis of Linlithgow and Prof. E. B. Bailey; *General Secretary*: Prof. J. H. Ashworth; *Secretaries to Ordinary*

Meetings: Prof. F. A. E. Crew and Prof. J. P. Kendall; *Treasurer*: Dr. James Watt; *Curator of Library and Museum*: Dr. L. Dobbin; *Councillors*: Lieut.-Col. A. G. McKendrick, Prof. James MacKinnon, Prof. W. Peddie, Dr. A. C. Aitken, Principal J. C. Smail, Sir Harold J. Stiles, Prof. J. Walton, Prof. Edwin Bramwell, Prof. T. H. Bryce, Prof. I. de Burgh Daly, J. A. Inglis and Prof. A. D. Peacock.

THE council of the Royal Society of Edinburgh has made the first award of the David Anderson-Berry Prize to Dr. C. M. Scott, lecturer in materia medica in the University of Edinburgh, for his essay "On the Action of X- and Gamma-Rays on Living Cells". This prize, which consists of a gold medal and a sum of money, was founded by the late Dr. David Anderson-Berry in 1930, and is awarded triennially to the person who, in the opinion of the council, has recently produced the best work on the nature of X-rays in their therapeutical effect on human diseases.

THE first evening meeting of the 1935-36 series to be held in the house of the Pharmaceutical Society of Great Britain, on November 12, will be the occasion of the presentation of the Harrison Memorial Medal to Prof. Arthur Smithells, director of the Salters' Institute of Industrial Chemistry, who will deliver the Harrison Memorial Lecture. The title of the lecture is "The Teaching of Chemistry". Prof. Smithells was chief chemical adviser (Anti-Gas Training) G.H.Q. Home Forces 1916-19 and was closely associated with the late Colonel E. F. Harrison, director of Chemical Warfare, in anti-gas work.

DR. BERNARD SMITH will deliver the Cantor Lectures of the Royal Society of Arts on November 18 and 25, and December 2, at 8 p.m. The subject of Dr. Smith's lectures will be "Geological Aspects of Underground Water Supplies".

DR. HERBERT DINGLE, assistant professor of astrophysics in the Imperial College of Science, South Kensington, is giving a course of ten Lowell Institute Lectures at Boston, Mass., beginning January 3. Dr. Dingle's subject will be "Through Science to Philosophy".

DR. W. H. MILLS, the Right Hon. Lord Riverdale, Prof. A. Robertson, and Mr. H. B. Shackleton have been appointed members of the Advisory Council to the Committee of the Privy Council for Scientific and Industrial Research. Dr. E. J. Butler, Sir Kenneth Lee, and Prof. N. V. Sidgwick have retired from the Council on the completion of their terms of office.

AT the ordinary meeting of the Institution of Electrical Engineers to be held at 6 p.m. on November 7, Lieut.-Col. K. Edgecombe will, on behalf of Colonel R. E. Crompton, Faraday medallist, honorary member and past-president, present to the Institution an oil painting of Colonel Crompton by Mr. George

Harcourt. The painting was subscribed for and presented to Colonel Crompton by a group of 'Old Cromptonians' and other admirers on the occasion of his ninetieth birthday; but, at his express desire, it is now to become the property of the Institution.

THE Rockefeller Foundation has recently awarded 14,000 dollars to the University of Michigan for the application of spectroscopic methods in medicine.

FOR many years the late Mr. Archibald Thorburn (see p. 710 of this issue) has presented the Royal Society for the Protection of Birds with a painting for the illustration of its annual greetings-card. The subject for Christmas 1935 is the goldcrest, the smallest of all British birds, alighted on a twig of oak. Copies may be obtained from the Royal Society for the Protection of Birds, 82 Victoria Street, London, S.W.1, price 4s. 8d. a dozen, inclusive of envelopes and postage. All proceeds from the sale of the cards are devoted to the funds of the Society.

MESSRS. CHAPMAN AND HALL, LTD. announce that they have been appointed sole British Empire agents for the publications of the Reinhold Publishing Corporation, which is the successor to the Chemical Catalog Company, Inc. In addition to numerous well-known scientific and technical books, the Reinhold Publishing Corporation controls the issue of volumes appearing under the auspices of the American Chemical Society. This scheme of publication was undertaken by arrangement with the Interallied Conference of Pure and Applied Chemistry, which met in London and Brussels in July 1919, when the American Chemical Society and the National Research Council mutually agreed to care for certain fields of chemical development. A complete catalogue (150 titles) is now available and can be obtained from Messrs. Chapman and Hall, Ltd., 11 Henrietta Street, London, W.C.2.

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

Assistants in the Departments of Mechanical Engineering, Electrical Engineering and Physics, and Mathematics of the Coventry Technical College—The Director of Education, Council House, Coventry (Nov. 8).

A principal of Aston Technical College—The Chief Education Officer, Education Office, Margaret Street, Birmingham, 3 (Nov. 11).

A professional assistant at the Royal Observatory, Hong-Kong—The Director of Recruitment (Colonial Service), 2 Richmond Terrace, Whitehall, London, S.W.1 (Nov. 23).

An inspector of mines and petroleum technologist for service in Trinidad and Tobago—The Director of Recruitment (Colonial Service), 2 Richmond Terrace, Whitehall, London, S.W.1 (Nov. 30).

A librarian at the Institution of Automobile Engineering—The Director, 5 Bolton Road, Chiswick, W.4.