

involved, and the local transport consultative committees should be fully used for such purposes.

If, however, the public themselves are to help to improve the transport services of Great Britain, much greater publicity must be given to the reasons for transport difficulties. "Transport goes to War", recently issued by the Ministry of Information, makes a beginning although the emphasis is rather excessively on the blitz conditions and effects: what is wanted is something to grip the public imagination and secure their support and sympathy under everyday war-time conditions. Moreover, any appeal for the co-operation of the public, such as the Select Committee suggests, must be based not merely on a fuller understanding of the difficulties of the transport services themselves, but also on a sympathetic appreciation of the position and difficulties of the travelling public. The importance of diverting more traffic from the roads to the railways is stressed, and it is recommended that where adequate railway facilities are available for any particular factory or group of factories, special bus facilities should not be provided. Similarly, the natural tendency for people to rush for the last bus which gets them to their work at the right time requires correction by individual response, but apart from an examination by the Ministry of Labour of the possibility of reducing cross-travelling between one town and another by directing workers to places nearer their homes, it may well be doubted whether there is much unnecessary travelling by train on the part of the general public, at least over distances of any extent. It is clear from this report that the point has been reached, if not passed, when a further reduction in travelling facilities, whether by bus or rail, is likely to be a false economy, and to impair the war effort to an extent more rather than less serious, because the waste of time, of labour or of health that results may be indirect and cumulative rather than immediately obvious.

## FORTHCOMING EVENTS

(Meetings marked with an asterisk are open to the public)

### Saturday, November 21

ROYAL PHOTOGRAPHIC SOCIETY (SCIENTIFIC AND TECHNICAL GROUP) (at 16 Princes Gate, South Kensington, London, S.W.7), at 2.30 p.m.—Symposium on "Industrial Radiography".

### Monday, November 23

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 1.45 p.m.—Mr. A. C. Pallot: "Some Aspects of Insulation", 1: "Thermal Insulation at Medium Temperatures—The Insulation of Pipes and Structures" (Cantor Lectures, 1).

BRITISH COUNCIL, ROYAL ASIATIC SOCIETY, EAST INDIA ASSOCIATION AND THE INDIA SOCIETY (at the Royal Society, Burlington House, Piccadilly, London, W.1), at 3 p.m.—Mr. Laurence Binyon: Fourth Centenary of the Mughal Akbar.

ROYAL GEOGRAPHICAL SOCIETY (at Kensington Gore, London, S.W.7), at 5 p.m.—Kodachrome Film: "Halifax to Victoria B.C."; Commentary by Mr. C. W. Stokes.

### Tuesday, November 24

CHADWICK PUBLIC LECTURE (in the Sir Edward Meyerstein Lecture Theatre, Westminster Hospital Medical School, 17 Horseferry Road, London, S.W.1), at 2.30 p.m.—Sir Arthur MacNalty, K.C.B.: "The Prevention of Tuberculosis in Peace and War".\*

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 3 p.m.—Prof. J. C. Drummond: "The History of our More Important Foods", (i) Bread.\*

INSTITUTION OF CIVIL ENGINEERS (ROAD ENGINEERING DIVISION) (at Great George Street, Westminster, London, S.W.1), at 5.30 p.m.—Mr. A. H. D. Markwick and Mr. H. S. Keep: "The Construction of Bases for Roads and Aerodromes using Local Aggregates and Soils".

ASSOCIATION OF SCIENTIFIC WORKERS (at the Royal Photographic Society, 16 Princes Gate, South Kensington, London, S.W.7), at 6.30 p.m.—Projection of the Cine Films entered for the Exhibition of "Photography in Science and Industry".

### Wednesday, November 25

INSTITUTE OF PHYSICS (ELECTRONICS GROUP) (at the Royal Institution, Albemarle Street, London, W.1), at 3 p.m.—Mr. G. T. Winch: "Photo Cells and their Applications".

### Friday, November 27

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5 p.m.—Mr. Frank Twyman, F.R.S.: "Interferometry in the Optical Workshop".

NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (in the Lecture Theatre of the Mining Institute, Newcastle-upon-Tyne), at 6 p.m.—Mr. R. C. Thompson and Mr. Harry Hunter: "The British Merchant Shipbuilding Programme in North America, 1940-42" (Andrew Laing Lecture).

### Saturday, November 28

ROYAL PHOTOGRAPHIC SOCIETY (at 16 Princes Gate, South Kensington, London, S.W.7), at 3 p.m.—Dr. S. O. Rawling: "Sensitometry since Hurter and Driffeld" (Hurter and Driffeld Memorial Lecture).

## APPOINTMENTS VACANT

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

LECTURER IN ENGINEERING SUBJECTS—The Principal, Kingston Technical College, Kingston, Surrey (November 28).

VISITING MATHEMATICS LECTURER—The Principal, Froebel Educational Institute, Knebworth House, Knebworth, Herts (December 1).

LECTURER IN MECHANICAL ENGINEERING at the Rugby College of Technology and Arts—Mr. P. I. Kitchen, Organizer of Further Education, Rugby (December 2).

INSTRUCTOR IN BEEKEEPING—The Education Officer, County Hall, Wakefield (December 14).

REGIUS PROFESSOR OF GEOLOGY at Edinburgh University—The Private Secretary, Scottish Office, Fielden House, 10 Great College Street, London, S.W.1 (January 11).

ASSISTANT TECHNICIAN IN THE PATHOLOGICAL DEPARTMENT—The Superintendent, Grimsby and District General Hospital, Grimsby.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Department of Scientific and Industrial Research. Index to the Literature of Food Investigation. Vol. 13, No. 4, March, 1942. Compiled by Agnes Elizabeth Glennie, assisted by Catherine Alexander. Pp. 1v+233-315. (London: H.M. Stationery Office.) 4s. 6d. net. [810]

Agricultural Research Institute of Northern Ireland. Fifteenth Annual Report, 1941-42. Pp. 22. (Hillsborough, Co. Down: Agricultural Research Institute of Northern Ireland.) [810]

Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences. Vol. 231, No. 580: The Reproductive Cycles of the British and Continental Races of the Starling. By Dr. W. S. Bullough. Pp. 165-246+plates 12-21. 21s. 6d. Vol. 231, No. 581: The Structure and Function of the Mouth-parts, Rostrum and Foregut of the Weevil *Calandra granaria* L. By Dr. R. Rennell. Pp. 247-291. 7s. (London: Cambridge University Press.) [910]

Proceedings of the Royal Society of Edinburgh, Series B: Biology. Vol. 61, Part 3, No. 24: The Occurrence of Endodermis in Leguminous Root Nodules and its Effect upon Nodule Function. By Helen L. Frazer. Pp. 328-343. 1s. 3d. Vol. 61, Part 3, No. 25: Growth Stages in the Ammonite *Promiocreras marstonense* Spath. By Dr. Ethel D. Currie. Pp. 344-367. 2s. Vol. 61, Part 4, No. 26: The Induction of Pregnancy in the Golden Hamster during the Breeding Pause. By Dr. O. Peczenik. Pp. 368-374. 6d. (Edinburgh and London: Oliver and Boyd.) [910]

Sir Robert Kane, First President of Queen's College, Cork: a Pioneer in Science, Industry and Commerce. By D. O. Raghallaigh. Pp. 48. (Cork: Cork University Press.) 2s. net. [1210]

### Other Countries

University of Illinois: Engineering Experiment Station. Bulletin No. 335: A Photoelastic Study of Stresses in Gear Tooth Fillets. By Prof. Thomas J. Dolan and Edward L. Broghamer. Pp. 44. 45 cents. Bulletin No. 336: Moments in I-Beam Bridges. By Prof. Nathan M. Newmark and Chester P. Siess. Pp. 148. 1 dollar. Circular No. 43: Papers presented at the Sixth Short Course in Coal Utilization held at the University of Illinois, May 21-23, 1941. Pp. 112. 50 cents. Circular No. 44: Combustion Efficiencies as related to Performance of Domestic Heating Plants. By Prof. Alonzo P. Kratz, Prof. Seichi Konzo and Daniel W. Thomson. Pp. 30. 40 cents. (Urbana, Ill.: University of Illinois.) [710]

National Research Council. American Geophysical Union Transactions of 1942. Part 1: Reports and Papers, Joint Regional Meetings, Section of Hydrology (a) Dallas, Texas; (b) Pasadena, California. Pp. 171. (Washington, D.C.: National Academy of Sciences.) 1.25 dollars. [1410]

Brooklyn Botanic Garden Record. Vol. 31, No. 3: The Local Flora Section (Native Wild Flower Garden) of the Brooklyn Botanic Garden. By Henry K. Svenson. (Guide No. 14.) Pp. 181-210. (Brooklyn, N.Y.: Brooklyn Institute of Arts and Sciences.) [1410]