

Commending the Institute's two years course in foremanship, he urged that a more advanced course is desirable for the higher grades of supervisory staff. All supervisory staff should have a minimum training in general principles of administration, production and planning, labour management, and costing and remuneration, and Mr. Sanders referred to the possibilities of a course of internal lectures based on the Institute's full syllabus for the Ministry of Labour course. Such courses should be combined with instruction in the company's own procedure and problems. In many ways foremen present a distinct problem, and are themselves of at least three types requiring varying treatment. Interchange of staff, external conferences, works councils, works magazines can all play an important part in such training, and library provision in any works is essential. Such library facilities should be available for all staff.

Mr. Meigh's paper was concerned with training executives for industrial management. He referred particularly to the increasing need of trained executives and therefore of adequate means of training, paying tribute to the pioneers who have been responsible for noteworthy triumphs of skilful management in British industry. Industrial conditions of to-day, he said, require leadership of a type and in such volume that can only come from systematic training. Such training should follow on a knowledge of the products or processes of manufacture, and he emphasized the value of a broad and liberal outlook on the social functions of industry in attracting candidates for training. For those executives already engaged in industry, the idea of a 'Sabbatical year', visits to similar industrial establishments abroad, contact with other executives in the same industry and participation in the work of manufacturers' associations or federations, joint industrial councils and the like confer a wider outlook and a fresh perspective. Systematic reading of the literature bearing on their work is another means for executives to continue the discipline of education and training; only by the establishment of a high standard of scientific and practical training, based on methods generally agreed after adequate experience, can we hope to enter an industrial era in which management will be universally recognized as a profession. Mr. Meigh submitted a rough outline programme of practical and educational training for junior executives as a basis for discussion.

FORTHCOMING EVENTS

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

Saturday, March 20

BRITISH PSYCHOLOGICAL SOCIETY (at Tavistock House, Tavistock Square, London, W.C.1), at 2.30 p.m.—Margaret Lowenfeld, Kathleeen Todd and Sylvia Payne: "The Methods of Training Child Psychologists at the Institute of Child Psychology".

Saturday, March 20—Sunday, March 21

BRITISH ASSOCIATION (DIVISION FOR THE SOCIAL AND INTERNATIONAL RELATIONS OF SCIENCE) (at the Royal Institution, 21 Albemarle Street, Piccadilly, London, W.1).—Conference on "Science and the Citizen—the Public Understanding of Science".*

Saturday, March 20

- 10 a.m.—"The Exposition of Science".
(Chairman: Sir Henry Dale, G.B.E., P.R.S.).
2.15 p.m.—"Radio and the Cinema".
(Chairman: Sir Allan Powell).

Sunday, March 21

- 10 a.m.—"Science as a Humanity".
(Chairman: Prof. J. L. Myres).
2.15 p.m.—"Science and the Press".
(Chairman: Sir Richard Gregory, Bart., F.R.S.).

Tuesday, March 23

ROYAL ANTHROPOLOGICAL INSTITUTE (at 21 Bedford Square, London, W.C.1), at 1.30 p.m.—Prof. J. L. Myres: "Ancient Tripoli and Cyrenaica".

ROYAL INSTITUTION (at 21 Albemarle Street, Piccadilly, London, W.1), at 3 p.m.—Sir Henry Dale, G.B.E., P.R.S.: "Chemistry in Modern Medicinal Treatment" (ii) "Imitating Nature".

Wednesday, March 24

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 1.45 p.m.—Dr. F. Yates: "Agriculture To-day and Tomorrow", 7: "Methods and Purposes of Agricultural Surveys".

Thursday, March 25

CHEMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 11.30 a.m.—Annual General Meeting; at 2.30 p.m.—"Stereochemistry of Labile Compounds" (Presidential Address).

UNION DES INGENIEURS ET TECHNICIENS DE LA FRANCE COMBATTANTE (in the Institution of Mechanical Engineers, Storey's Gate, St. James's Park, London, S.W.1), at 5 p.m.—Lieut. R. Drillon: "Aperçu sur la Réorganisation rationnelle de l'Agriculture française" (Future of Farming).*

INSTITUTION OF ELECTRICAL ENGINEERS (JOINT MEETING WITH THE INSTITUTION OF CIVIL ENGINEERS AND THE INSTITUTION OF MECHANICAL ENGINEERS) (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Sir Frank Gill, K.C.M.G.: "Engineering Economics".

Friday, March 26

ASSOCIATION OF APPLIED BIOLOGISTS (in the Metallurgical Lecture Theatre of the Imperial College of Science and Technology (Royal School of Mines), Prince Consort Road, South Kensington, London, S.W.7), at 11 a.m.—Prof. J. Bayley Butler: "Some Aspects of Applied Biology in Eire".*

ROYAL INSTITUTION (at 21 Albemarle Street, Piccadilly, London, W.1), at 5 p.m.—Sir James Jeans, O.M., F.R.S.: "Astronomical Problems of To-day".

NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (at the Mining Institute, Newcastle-upon-Tyne), at 6 p.m.—Dr. Ezer Griffiths, F.R.S., and Mr. M. J. Hickman: "Modern Heat Insulating and Decking Materials".

Saturday, March 27

BIOCHEMICAL SOCIETY (at the Courtauld Institute of Biochemistry, Middlesex Hospital, London, W.1), at 2 p.m.—Annual General Meeting.

Sunday, March 28

SOUTH PLACE ETHICAL SOCIETY (at Conway Hall, Red Lion Square, London, W.C.1), at 11 a.m.—Sir Richard Gregory, Bart., F.R.S.: "Education in World Ethics and Science" (Conway Memorial Lecture).

APPOINTMENTS VACANT

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

LECTURER IN ENGINEERING in the Batley Technical College and School of Art—The Director of Education, Education Offices, Batley, Yorks. (March 25).

LECTURER IN ELECTRICAL ENGINEERING—The Principal, County Technical College, Worksop, Notts. (April 3).

RESEARCH ASSISTANT—The Secretary, Animal Diseases Research Association, Moredun Institute, Gilmerton, Midlothian (April 26).

TEACHER OF ENGINEERING (MECHANICAL) SUBJECTS, and a TEACHER (MAN OR WOMAN) OF MATHEMATICS—The Principal, Erith Technical College, Belvedere, Kent.

LECTURER IN MECHANICAL ENGINEERING, and a LECTURER IN ELECTRICAL ENGINEERING—The Clerk to the Governors, Technical College, Chesterfield, Derbyshire.

ASSISTANT MASTER, WITH GOOD QUALIFICATIONS IN ELECTRICAL ENGINEERING, in the Maidstone Technical Institute—The District Secretary, Kent Education Committee, 13 Tonbridge Road, Maidstone, Kent.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

From Light to "Heavy". By H. Fox. Pp. 28. (Skegness: C. H. Major and Co., Ltd.) 1s. [12]

Ministry of Agriculture and Fisheries. Farmers' Income Tax. Pp. 28. (London: H.M. Stationery Office.) 3d. net. [42]

British Electrical and Allied Industries Research Association. Twenty-second Annual Report, October 1st, 1941, to September 30th, 1942. Pp. 132. (London: British Electrical and Allied Industries Research Association.) [82]

Other Countries

Commonwealth of Australia: Council for Scientific and Industrial Research. Industrial Chemistry Circular No. 1: Some Technical Aspects of Foundry Cores. By H. A. Stephens. Pp. 19. (Melbourne: Government Printer.) [291]

Proceedings of the United States National Museum. Vol. 92, No. 3151: New Neotropical Insects of the Apterygotan Family Japygidae. By H. E. Ewing and Irving Fox. Pp. 291-300+plates 33-34. (Washington, D.C.: Government Printing Office.) [52]