

INSTITUTION OF CIVIL ENGINEERS, NORTH-WESTERN ASSOCIATION (at the Engineers' Club, Albert Square, Manchester), at 6.30 p.m.—Mr. F. N. Sparkes: "Some Defects in Concrete Roads—Causes and Remedies".

SOCIETY OF DYERS AND COLOURISTS, MIDLANDS SECTION (in Room 104, College of Art and Technology, Leicester), at 7 p.m.—Dr. G. L. Royer: "Studies on Wool Dyeing—Comparison of Methods for Applying Chrome Dyes".

## APPOINTMENTS VACANT

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

ASSISTANT LECTURER or LECTURER IN SOILS AND MANURES, and an ASSISTANT LECTURER IN BIOCHEMISTRY, at the Massey Agricultural College, Palmerston North—The High Commissioner for New Zealand, 115 Strand, London, W.C.2 (April 9).

SENIOR LECTURER and a LECTURER IN THE DEPARTMENT OF ANATOMY—The Secretary, St. Mary's Hospital Medical School, Paddington, London, W.2 (April 15)

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

British Standard 1335: 1946. Air-Depolarised Primary Cells. Pp. 16. (London: British Standards Institution, 1946.) 2s. net. [312]  
Department of Scientific and Industrial Research: Road Research. Special Report No. 3: Roadstone—Geological Aspects and Physical Tests. By Dr. J. Phemister, E. M. Guppy, A. H. D. Markwick and F. A. Shergold. Pp. iv + 42. (London: H.M. Stationery Office, 1946.) 9d. net. [312]

Amgueddfa Genedlaethol Cymru: National Museum of Wales. Thirty-ninth Annual Report, 1945-46. Pp. 38. (Cardiff: National Museum of Wales, 1946.) [412]

Physical Society. Report on Defective Colour Vision in Industry. By a Committee of the Colour Group. Pp. 52. (London: Physical Society, 1946.) 3s. 6d. net. [412]

Department of Scientific and Industrial Research: Forest Products Research. Bulletin No. 20: Requirements and Properties of Adhesives for Wood. By R. A. G. Knight. Pp. vi + 26. (London: H.M. Stationery Office, 1946.) 6d. net. [512]

Scientific Film Association. The Classification, Appraisal and Grading of Scientific Films. Pp. 18. (London: Scientific Film Association, 1946.) 2s. 6d. [512]

Reports on Fuel Economy since 1939—British National Committee. Pp. 52. (London: World Power Conference, 1946.) 1s. 6d. net. [912]  
Imperial Institute: Mineral Resources Department. Nigeria: Geology and Mineral Resources. By Dr. F. Dixey. (Reprinted from the *Bulletin of the Imperial Institute*, Vol. 43, No. 4, October-December 1945.) Pp. 18 + 4 plates. (London: Imperial Institute, 1946.) 1s. net. [912]

Signposts to Better Filtration: to Assist Chemists in the Selection of Filter Papers. Prepared by A. McM. Taylor. Pp. 20. (Maidstone: J. Barcham Green, Ltd., 1946.) 2s. 6d. net. [912]

British Society of Animal Production. Report of Proceedings, Fifth Meeting, 26th February 1946. General Topic: Breeding Methods in Livestock Improvement; Open Meeting, 27th February 1946, General Topic: Artificial Insemination. Pp. 94. (Aberystwyth: British Society of Animal Production, University College of Wales, 1946.) 3s. [912]

Hull Bulletins of Marine Ecology. Vol. 3, No. 18: Investigations into the Food of the Cod (*Gadus callarius* L.) off Bear Islands, and of the Cod and Haddock (*G. aeglefinus* L.) off Iceland and the Murman Coast. By W. W. Brown and Dr. C. Cheng. Pp. 35-72. (Hull: University College, 1946.) 4s. [912]

Department of Scientific and Industrial Research. Index to the Literature of Food Investigation. Vol. 16, No. 2, September. Compiled by Agnes Elisabeth Glennie, assisted by Diana Margaret Studtert Holmes. Pp. iv + 75-162. (London: H.M. Stationery Office, 1946.) 4s. 6d. net. [912]

Transactions of the Royal Society of Edinburgh. Vol. 61, Part 2, No. 17: The Genus *Primula*, Sections *Obconica*, *Sinenses*, *Reinii*, *Pinnatae*, *Malacoides*, *Bullatae*, *Carolinella*, *Grandis* and *Denticulata*. By Sir W. Wright Smith and Dr. H. R. Fletcher. Pp. 415-478. (Edinburgh and London: Oliver and Boyd, 1946.) 16s. [1212]

German Educational Reconstruction. No. 5: Public Libraries in Germany. By Heinz Schurer. Pp. 24. (London: German Educational Reconstruction, 1946.) 1s. 6d. net. [1212]

Department of Scientific and Industrial Research: Forest Products Research Laboratory. Leaflet No. 40: The Preparation of Wood for Microscopic Examination. Pp. 8. (Princes Risborough: Forest Products Research Laboratory, 1946.) Free. [1212]

Colonial Office. Memorandum on Colonial Mining Policy. (Colonial No. 206.) Pp. 10. (London: H.M. Stationery Office, 1946.) 2d. net. [1212]

University of Leeds. Report of the Librarian for the Session 1945-46. Pp. 8. (Leeds: The University, 1946.) [1612]

Post-War Building Studies. No. 20: Fire Grading of Buildings. Part 1: General Principles and Structural Precautions. By a Joint Committee of the Building Research Board of the Department of Scientific Research and of the Fire Offices' Committee. (Published for the Ministry of Works.) Pp. 116. (London: H.M. Stationery Office, 1946.) 1s. 6d. net. [1612]

British Chemicals and their Manufacturers: the Official Directory of the Association of British Chemical Manufacturers, Inc. Pp. 121. (London: Association of British Chemical Manufacturers, 1946.) Free. [1612]

British Commonwealth Scientific Official Conference, London 1946. Report of Proceedings. (Cmd. 6970.) Pp. 73. (London: H.M. Stationery Office, 1946.) 1s. 3d. net. [1712]

Experimental and Research Station, Nursery and Market Garden Industries' Development Society, Ltd. Thirty-first Annual Report, 1945. Pp. 98. (Cheshunt: Nursery and Market Garden Industries' Development Society, Ltd., 1946.) [1812]

Medical Research Council. Special Report Series, No. 258: The Preservation of Proteins by Drying, with Special Reference to the Production of Dried Human Serum and Plasma for Transfusion. By Dr. R. I. N. Greaves. Pp. v + 54 + 20 plates. (London: H.M. Stationery Office, 1946.) 2s. net. [1912]

### Other Countries

Bergens Museums Årbok: Naturvidenskapelig rekke. 1938, Hefte 2, Nr. 5-11. Pp. 122 + 2 plates. 1939-40, Hefte 1, Nr. 1-6. Pp. 277 + 34 plates. 1939-40, Hefte 2, Nr. 7-8. Pp. 215 + 4 plates. 1941, Hefte 1, Nr. 1-5. Pp. 192 + 3 plates. 1941, Hefte 2, Nr. 6. Pp. 236. 1941, Hefte 3, Nr. 7-11. Pp. 202 + 1 plate. 1942, Hefte 1, Nr. 1-5. Pp. 131. 1942, Hefte 2, Nr. 6-9. Pp. 262 + 8 plates. 1943, Hefte 1, Nr. 1-7. Pp. 192 + 6 plates. 1943, Hefte 2, Nr. 8-11. Pp. 186 + 10 plates. (Bergen: A/s John Griegs Boktrykkeri, 1940-1944.) [2811]

Bergens Museums. Skrifter Nr. 20: Geology of the Bergen Arc System. By Carl Fred. Kolderup and Niels-Henr. Kolderup. Pp. 137 + 14 plates. 20 kr. Skrifter Nr. 22: Skildradalen og Norges fjellbeiter, en plantesosiologisk monografi. Av Rolf Nordhagen. Pp. xvi + 607. 30 kr. (Bergen: A/s John Griegs Boktrykkeri, 1940-1943.) [2811]

Uganda Protectorate. Annual Report of the Geological Survey Department for the Year ended 31st December 1940. Pp. 35. 2s. Annual Report of the Geological Survey Department for the Year ended 31st December 1941. Pp. 34. 2s. (Entebbe: Geological Survey Department, 1941-42.) [312]

Indian Forest Leaflet. No. 71: A Note on the Species of South Indian Wattles. By M. V. Edwards. Pp. ii + 9. 4 annas. No. 73: The Vegetable Tanning Materials of India, Part 2, *Avaram* (*Cassia auriculata* Linn.) By M. V. Edwards. Pp. ii + 21. 8 annas. No. 75: The Vegetable Tanning Materials of India, Part 4, *Myrobalan* (*Terminalia chebula* Retz.) By M. V. Edwards. Pp. ii + 19. 8 annas. (Dehra Dun: Forest Research Institute, 1945.) [912]

Crohamhurst Observatory. Observatory Paper No. 12: The Elements of Crohamhurst, 1892-1942. By Inigo Jones. Pp. 19. (Crohamhurst: Crohamhurst Observatory, 1942.) [912]

U.S. Department of the Interior: Geological Survey. Bulletin 945-G: Chromite Deposits of the North Elder Creek Area, Tehama County, California. By G. A. Rynearson. (Stratographic Minerals Investigations, 1944.) Pp. iv + 191-210 + plates 65-70. n.p. Bulletin 947-B: Molybdenite Investigations in Southeastern Alaska. By W. S. Tweenhofel, G. D. Robinson and H. R. Gault. (Mineral Resources of Alaska, 1943 and 1944.) Pp. iv + 7-38 + 8 plates. n.p. Bulletin 947-C: Nickel Investigations in Southeastern Alaska. By George C. Kennedy and Matt S. Walton, Jr. (Mineral Resources of Alaska, 1943 and 1944.) Pp. iv + 39-64 + plates 9-18. 15 cents. Bulletin 947-D: Geology and Associated Mineral Deposits of some Ultrabasic Rock Bodies in Southeastern Alaska. By George C. Kennedy and Matt S. Walton, Jr. (Mineral Resources of Alaska, 1943 and 1944.) Pp. iii + 65-84 + plates 19-22. 10 cents. Bulletin 947-E: Copper Bullion Claims, Rua Cove, Knight Island, Alaska. By Karl Stefansson and Robert M. Moxham. (Mineral Resources of Alaska, 1943 and 1944.) Pp. iii + 85-92 + plates 23-25. 10 cents. Bulletin 947-F: Copper Deposits of the Nizina District, Alaska. By Don J. Miller. (Mineral Resources of Alaska, 1943 and 1944.) Pp. iii + 93-120 + plates 26-29. 15 cents. Bulletin 947-G: Copper Deposits of the Kotsina-Kuskulana District, Alaska. By Ralph E. Van Alstine and Robert F. Black. (Mineral Resources of Alaska, 1943 and 1944.) Pp. ii + 121-142 + plates 30-32. 15 cents. Bulletin 950: Contributions to Geochemistry, 1942-45. Short Papers by R. C. Wells and others. Pp. vi + 162 + 5 plates. 40 cents. (Washington, D.C.: Government Printing Office, 1946.) [912]

U.S. Department of the Interior: Geological Survey. Water-Supply Paper 943: Geology and Ground-Water Resources of Scotts Bluff County, Nebraska. By L. K. Wenzel, R. C. Cady and H. A. Waite. Pp. vi + 150 + 12 plates. 25 cents. Water-Supply Paper 985: Surface Water Supply of Hawaii, July 1, 1942, to June 30, 1943. Pp. iv + 134. 30 cents. Water-Supply Paper 988: Water Levels and Artesian Pressure in Observation Wells in the United States in 1943, Part 3, North-Central States. By O. E. Meinzer, L. K. Wenzel and others. Pp. iv + 352. 55 cents. Water-Supply Paper 989: Water Levels and Artesian Pressure in Observation Wells in the United States in 1943, Part 4, South-Central States. By O. E. Meinzer, L. K. Wenzel and others. Pp. iv + 194. 35 cents. (Washington, D.C.: Government Printing Office, 1946.) [912]

Council of Scientific and Industrial Research. Revised Scheme for the Establishment of the National Metallurgical Laboratory. Pp. 20 + 6 plates. (Delhi: Council for Scientific and Industrial Research, 1946.) [912]

Twenty-ninth Annual Report of the National Research Council of Canada, 1945-1946. (N.R.C. No. 1411.) Pp. 65. (Ottawa: National Research Council, 1946.) [912]

Bulletin of the American Museum of Natural History. Vol. 87, Article 3: Contributions to the Paleontology of the Lebanon Mountains, Republic of Lebanon, Part 3, The Pelecypod Fauna of the 'Olive Locality' (Aptian) at Abeih. By Prof. Harold E. Vokes. Pp. 139-216 + 10 plates. Vol. 87, Article 4: *Sebecus*, Representative of a Peculiar Suborder of Fossil Crocodylia from Patagonia. By Edwin Harris Colbert. (Publications of the Scarritt Expeditions, No. 35.) Pp. 217-270 + plates 11-16. (New York: American Museum of Natural History, 1946.) [1212]

Publications of the Astronomical Institute of the University of Amsterdam. No. 6: A Photometric Study of some Stellar Spectra ( $\theta$  Cephei,  $\theta$  Cygni,  $\pi$  Cephei,  $\delta$  Equulei), Part 2, Discussion of Results. By A. Pannekoek and G. B. van Albada. Pp. iii + 116. (Amsterdam: The University, 1946.) [1212]