

**CHAIR OF MATHEMATICS**—The Secretary, Royal Technical College, George Street, Glasgow, C.1.

**CHEMIST** (with an honours degree in chemistry and preferably some research experience either in a university or industry)—The Director of Research, British Rubber Producers' Research Association, 48 Tewin Road, Welwyn Garden City, Herts.

**CHEMIST or METALLURGIST**, to assist with theoretical calculations and with literature surveys on the physical chemistry, and especially thermodynamics, of metallurgical processes—Dr. F. D. Richardson, Nuffield Research Group in Extraction Metallurgy, Imperial College of Science and Technology, South Kensington, London, S.W.7.

**FRANCIS BEATTIE RESEARCH SCHOLARSHIP** for research into biochemical or biophysical properties of cereals, with special reference to wheat—Prof. James P. Todd, Royal Technical College, Glasgow.

**GRADUATES** (2) on the research staff of the Heavy Clay Division—The Director of Research, British Ceramic Research Association, Mellor Laboratories, Stoke-on-Trent.

**LECTURER-IN-CHARGE OF INSTRUMENT MAKING**—The Secretary, Northampton Polytechnic, St. John Street, London, E.C.1.

**PHYSICIST**, to do solid state problems by X-ray and neutron diffraction methods—The National Research Council, Atomic Energy Project, Chalk River, Ont., Canada, quoting File IC.

**PROFESSIONAL ENGINEERS** (Higher Departmental grades) in the Ministry of Supply—The Civil Service Commission, Scientific Branch, Trinidad House, Old Burlington Street, London, W.1, quoting S.87/51.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Joint Committee on Metallurgical Education. Recommendations on University Full-time Degree Courses in Metallurgy. Pp. 11. (London: Iron and Steel Institute, 1950.) [711]

The Rationalist Annual for the Year 1951. Edited by Frederick Waits. Pp. 88. (London: Waits and Co., Ltd., 1950.) 2s. 6d. net. [S11]

Department of Scientific and Industrial Research: Building Research Station. National Building Studies, Technical Paper No. 6: Investigations on Building Fires, Part 3, Radiation from Building Fires. By R. C. Bevan and C. T. Webster. Pp. iv+24. (London: H.M. Stationery Office, 1950.) 1s. net. [S11]

Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences, No. 622, Vol. 235: Alveolar Epithelium in relation to Growth of the Lung. By R. H. D. Short. Pp. 35-36+1 plate. (London: Cambridge University Press, 1950.) 13s. 6d. [911]

Department of Scientific and Industrial Research and Fire Offices' Committee. Report of the Fire Research Board with the Report of the Director of Fire Research for the Year 1949. Pp. vi+42+8 plates. (London: H.M. Stationery Office, 1950.) 1s. 9d. net. [911]

Scottish Society for Research in Plant-Breeding. Report (abridged) by the Directors and Report by the Director of Research to the Annual General Meeting, 27th July 1950. Pp. 60. (Edinburgh: Scottish Society for Research in Plant-Breeding, 1950.) [911]

British Standard 1675: 1950, Weft Pirns (Taper Fit) for Direct Spinning of Cotton. Pp. 8. 2s. net. British Standard 1679: 1950, Paper Boxes for Pills, Tablets, Ointments, Pastes, Creams, Powders and Crystals. Pp. 6. 1s. net. (London: British Standards Institution, 1950.) [411]

The Farmer Year Book and Diary, 1951. Edited by F. Newman Turner. Pp. 176. (Bridgewater: The Farmer Publications, Goosegreen Farm, 1950.) 6s. 6d. [411]

Air Ministry. Air Publication 3139B: Planned Seeling; some Psychological Experiments. 1: Visibility in the Control Rooms of Fighter Command; 2: The Synthetic Training of Pathfinder Air Bombers in Visual Centring on Target Indicators. By Sir Frederic Bartlett and Dr. N. H. Mackworth. Pp. vi+76+8 plates. (London: H.M. Stationery Office, 1950.) 5s. net. [411]

Plan for Coal: the National Coal Board's Proposals. Pp. v+76. (London: National Coal Board, 1950.) 2s. 6d. [411]

The Cryptogamic Flora of Leicestershire and Rutland—Lichens. By F. A. Sowerby. Pp. 74. (Leicester: Leicester Literary and Philosophical Society, 1950.) 5s. [411]

Metal Powder Report, Vol. 4, 1949-50. Pp. 203. (London: Powder Metallurgy, Ltd., 1950.) 77s. 6d. [411]

Interdepartmental Committee on Social and Economic Research. Guides to Official Sources, No. 1: Labour Statistics; Material collected by the Ministry of Labour and National Service. Revised edition. Pp. v+38. (London: H.M. Stationery Office, 1950.) 1s. 3d. net. [411]

Department of Scientific and Industrial Research. Report of the Water Pollution Research Board, with the Report of the Director of Water Pollution Research, for the Year 1949. Pp. iv+48+4 plates. (London: H.M. Stationery Office, 1950.) 1s. 6d. net. [411]

Ministry of Education. The Future Development of Higher Technological Education; Report of the National Advisory Council on Education for Industry and Commerce. Pp. 23. (London: H.M. Stationery Office, 1950.) 1s. net. [411]

Helps for Students of History. (Published for the Historical Association.) No. 52: The Early History of Science; a Short Handlist. Pp. 64. No. 53: The Study of Prices and the Value of Money. By Prof. E. Victor Morgan. Pp. 27. (London: G. Philip and Son, Ltd., 1950.) 2s. 6d. each; to Members of the Historical Association, 1s. 3d. each. [411]

Selected Papers from the Royal Cancer Hospital and the Chester Beatty Research Institute. (Published by order of the Board of Governors of the Royal Cancer Hospital, London.) Vol. 5, 1945-1947. Pp. xi+483. (London: Royal Cancer Hospital, 1950.) 16s. [411]

Department of Industry and Commerce: Meteorological Service. Geophysical Publications, Vol. 3, No. 1: Theory and Description of a Gradient Wind Computer. By Dr. M. Doperto. Pp. 8. (Dublin: Stationery Office, 1950.) 6s. [1511]

### Other Countries

New Zealand Department of Scientific and Industrial Research: Apia Observatory. Annual Report for 1940. Pp. iv+167. n.p. Annual Report for 1946. Pp. ii+146. 6s. (Wellington: Government Printer, 1948.) [711]

United States Department of the Interior: Geological Survey. Bulletin 962-C: Magnesite Deposits of Central Ceará, Brazil. By Alfred J. Bodenlos. Pp. iii+121-153+plates 24-31. 1 dollar. Bulletin 964-B: Mineral Resources of Colombia (other than Petroleum). By Quentin D. Singewald. Pp. vii+53-204+plates 5-13. 1 dollar. Bulletin 965-A: Erosion Studies at Parícutin, State of Michoacán, Mexico. By Kenneth Segerstrom. Pp. vii+164+7 plates. 1 dollar. Bulletin 965-B: Volcanoes of the Parícutin Region, Mexico. By Howell Williams. Pp. v+165-279+plates 8-9. 65 cents. Bulletin 967: The District of Columbia: its Rocks and their Geologic History. By Martha S. Carr. Pp. v+59+7 plates. 1.25 dollars. Bulletin 976-A: Geophysical Abstracts 140, January-March 1950 (Numbers 11679-11907). By Mary C. Rabbitt, V. L. Slitsky and S. T. Vesselovsky. Pp. iii+69. 25 cents. (Washington, D.C.: Government Printing Office, 1950.) [711]

United States Department of the Interior: Geological Survey. Professional Paper 221-B: Larger Foraminifera from the Palau Islands. By W. Storrs Cole. (Shorter Contributions to General Geology, 1949.) Pp. iii+21-31+plates 5-6. 25 cents. Professional Paper 221-C: Growth Series of Ostracodes from the Permian of Texas. By I. G. Sohn. (Shorter Contributions to General Geology, 1949.) Pp. iii+33-43+plates 7-8. 15 cents. Professional Paper 221-D: Cretaceous Plants from Southwestern Colorado. By Roland W. Brown. (Shorter Contributions to General Geology, 1949.) Pp. iii+45-66+plates 9-12. 20 cents. Professional Paper 224: Geology and Mineral Deposits of the Cartersville District, Georgia. By Thomas L. Kesler. Pp. v+97+18 plates. 1.75 dollars. Professional Paper 225: Physical Characteristics of Commercial Sheet Muscovite in the Southeastern United States. By Richard H. Jahns and Forrest W. Lancaster. Pp. iv+110+9 plates. 1.25 dollars. (Washington, D.C.: Government Printing Office, 1950.) [711]

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Smithsonian Institution: United States National Museum. Bulletin 82: A Monograph of the Existing Crinoids. By Austin Hobart Clark. Vol. 1: The Comatulids, Part 4c, Superfamily Tropiometrida (the Families Thalassometridae and Charitometridae). Pp. vii+383+32 plates. (Washington, D.C.: Government Printing Office, 1950.) 2.25 dollars. [811]

Annual Report of the Regents of the Smithsonian Institution, showing the Operations, Expenditures and Condition of the Institution for the Year ended June 30, 1949. (Publication 3996.) Pp. ix+422+32 plates. (Washington, D.C.: Government Printing Office, 1950.) 2.75 dollars. [811]

Report of the Caribbean Commission to the Governments of the French Republic, the Kingdom of the Netherlands, the United Kingdom, the United States of America, for the Year 1948. Pp. 37. (Trinidad: Caribbean Commission, Port of Spain; New York: Columbia University Press; London: H.M. Stationery Office, 1950.) [811]

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World Health Organization. Technical Report Series, No. 4: Expert Committee on Insecticides; Report on the First Session. Pp. 46. 2s. 3d.; 30 cents. Technical Report Series, No. 11: Expert Committee on Plague; Report on the First Session. Pp. 32. 1s. 6d.; 20 cents. Technical Report Series, No. 29: Expert Committee on the Unification of Pharmacopoeias; Report on the Sixth Session. Pp. 20. 1s. 3d.; 15 cents. (Geneva: World Health Organization; London: H.M. Stationery Office, 1950.) [911]

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