

PHYSICISTS to work on nuclear induction and in related fields—The Academic Secretary, Weizmann Institute of Science, Rehovoth, Israel (June 15).

RESEARCH STUDENTSHIPS IN SCIENCE—The Registrar, The University, Manchester 13 (July 1).

BIOCHEMIST (senior grade, non-medical)—The Physician Superintendent, Crichton Royal Mental Hospital, Dumfries.

EXPERIMENTAL OFFICER or ASSISTANT EXPERIMENTAL OFFICER at Royal Greenwich Observatory, Herstmonceux, for recording of cosmic ray intensity and development of photoelectric instruments—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting A.101/53A.

HUGH WOOD MEMORIAL FELLOWSHIP IN MINING—The Registrar, The University, Leeds 2.

RESEARCH FELLOWSHIP IN MECHANICAL ENGINEERING—The Registrar, The University, Nottingham.

SCIENTIFIC OFFICER (with first- or second-class honours degree or equivalent in metallurgy) in a Ministry of Supply Establishment, South-East London, for physical metallurgical research—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting F.159/53A.

SENIOR LECTURER with qualifications and experience in CHEMICAL ENGINEERING at Bradford Technical College—The Director of Education, Town Hall, Bradford.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

- Proceedings of the Royal Irish Academy. Vol. 55, Section A, No. 4: Solar Eclipses visible in Ireland between A.D. 400 and A.D. 1000. By F. J. O'Connor. Pp. 61-72. 1s. 6d. Vol. 55, Section A, No. 5: A New Quaternion Approach to Meson Theory. By C. W. Kilmister. Pp. 73-100. 4s. 6d. Vol. 55, Section A, No. 6: Note on the Production of Pseudo-scalar Mesons. By Rev. J. McConnell. Pp. 101-108. 1s. 6d. (Dublin: Hodges, Figgis and Co., Ltd., 1952-1953.) [53]
- Proceedings of the Royal Irish Academy. Vol. 55, Section B, No. 3: Revision of certain Ordovician Fossils from County Tyrone. By F. Cowper Reed. Pp. 29-136+5 plates. 11s. Vol. 55, Section B, No. 4: Antitubercular Substances, 9, Long-chain Aliphatic Bases. By Vincent C. Barry, M. L. Conalty and Dermot Twomey. Pp. 137-148. 2s. Vol. 55, Section B, Nos. 5, 6: Antitubercular Substances, 10, Oxidation Products of Derivatives of *o*-Phenylene Diamine, by Vincent C. Barry and J. G. Belton; Antitubercular Substances, 11, Some Further Phenazine Pigments derived by Oxidation of *o*-Phenylene Diamine Derivatives, by Vincent C. Barry, J. G. Belton, J. F. Chambers, M. L. Conalty, Rose Kelly and D. Twomey. Pp. 149-164. 2s. Vol. 55, Section B, No. 7: The Application of the Barry Degradation to Snail Galactogen. By Proinsias O'Colla. Pp. 165-170. 1s. (Dublin: Hodges, Figgis and Co., Ltd., 1952-1953.) [53]
- Macaulay Institute for Soil Research. Annual Report, 1951-1952. Pp. 52+2 plates. (Aberdeen: Macaulay Institute for Soil Research, 1953.) [53]
- Carnegie Trust for the Universities of Scotland. Fifty-first Annual Report for the Year 1951-52 submitted by the Executive Committee to the Trustees on 23rd February 1953. Pp. iv+80. (Edinburgh: Carnegie Trust for the Universities of Scotland, 1953.) [53]
- Books for Young People. Group 2: Eleven to Thirteen plus, Annotated and Classified. Compiled by the North Midland and Yorkshire Branches of the Library Association under the editorship of Edgar Osborne. Pp. 123. (London: Library Association, 1953). 10s.; 7s. 6d. to members. [53]
- Contributions of Science to Peace (Alex Wood Memorial Lecture 1953 delivered in Friends House, London, February 18th, 1953.) By Prof. Charles A. Coulson. Pp. 28. (London: Fellowship of Reconciliation, 1953.) 1s. 6d. [53]
- John Innes Leaflet No. 12: Soil Blocks. Pp. 8. (Edinburgh and London: Oliver and Boyd, Ltd., 1953.) 9d. [53]
- University of London: University College. Annual Report, 1951-1952. Pp. 140. (London: University College, 1953.) [53]
- Department of Scientific and Industrial Research: Radio Research. Special Report No. 25: Selected Problems in the Preparation, Properties and Application of Materials for Radio Purposes. Pp. iv+24. (London: H.M. Stationery Office, 1953.) 1s. 6d. net. [53]
- Negretti and Zambra, Ltd. Seventh Annual Report and Accounts for the Year ended 30th September 1952. Pp. 16. (London: Negretti and Zambra, Ltd., 1953.) [53]

### Other Countries

- Conseil International des Unions Scientifiques: Union Géodésique et Géophysique Internationale: Association de Séismologie et de Physique de l'Intérieur de la Terre. Comptes rendus des séances de la neuvième Conférence réunie à Bruxelles du 20 Août au 1er Septembre 1951. Rédigés par J. P. Rothé. Pp. xii+288. (Strasbourg: Association de Séismologie et de Physique de l'Intérieur de la Terre, 1952.) [43]
- Forest Research in India, 1947-48. Part 2: Reports for Burma and Indian Provinces. Pp. iii+75. (Delhi: Manager of Publications, 1952.) 5.4 rupees; 8s. 3d. [43]
- Indian Forest Records (New Series). Chemistry and Minor Forest Products, Vol. 1, No. 2: The Vegetable Tanning Materials of India and Burma. By M. V. Edwards, R. L. Badhwar and A. C. Dey. Pp. x+191. (Delhi: Manager of Publications, 1952.) 6 rupees; 9s. 6d. [43]
- Bulletin of the Museum of Comparative Zoology. Vol. 107, No. 8: Airplane Observations of Homing Pigeons. By Donald R. Griffin. Pp. 409-440. (Cambridge, Mass.: Harvard College, 1952.) [43]
- National Research Council: Division of Geology and Geography. Publication 245: Report of the Committee on the Measurement of Geologic Time, 1951-1952. Pp. iii+151. (Washington, D.C.: National Academy of Sciences, 1953.) 1.50 dollars. [43]

Fieldiana. Zoology, Vol. 33, No. 2: Mammals. By Colin Campbell Sanborn. (Philippine Zoological Expedition, 1946-1947.) Pp. 87-158. 1.50 dollars. Zoology, Vol. 34, No. 8: On the Mollusk Fauna of the Landlocked Waters of Bermuda. By Fritz Haas. Pp. 101-106. 10 cents. Zoology, Vol. 34, No. 9: South American Non-Marine Shells; Further Remarks and Descriptions. By Fritz Haas. Pp. 107-132. 60 cents. (Chicago: Chicago Natural History Museum, 1952.) [43]

Bulletin of the American Museum of Natural History. Vol. 100, Article 3: Avian Systematics and Evolution in the Gulf of Guinea. (J. G. Correia Collection.) By Dean Amadon. Pp. 393-452+4 plates. (New York: American Museum of Natural History, 1953.) 1 dollar. [43]

Acta Psychiatrica et Neurologica Scandinavica. Supplementum 77: Cerebral Changes following Electrically Induced Convulsions; an Experimental Study on Cats. By Hans Hartelius. Translated from the Swedish by Erika Odelberg. Pp. 128. (Copenhagen: Einar Munksgaard, 1952.) 20 Swedish crowns. [43]

University of Illinois Engineering Experiment Station. Bulletin Series No. 400: Almost Sinusoidal Oscillations in Nonlinear Systems. Part 2: Synchronization. By Johannes S. Schaffner. Pp. 32. 25 cents. Bulletin Series No. 401: Comparative Performances of a Warm-Air Ceiling Panel System and a Convection System. By Prof. Robert W. Roose, Morris E. Childs, George H. Green and Prof. Selch Konzo. Pp. 92. 80 cents. Bulletin Series No. 402: A Study of the Practical Efficiency under Static Loading of Riveted Joints connecting Plates. By Prof. Wilbur M. Wilson, Prof. William H. Munse and M. A. Cayci. Pp. 76. 75 cents. Reprint Series No. 49: Progress Reports of Investigation of Railroad Rails and Joint Bars. By R. E. Cramer and R. S. Jensen. Pp. 36. 30 cents. (Urbana: University of Illinois, 1952.) [43]

University of Helsinki: Institute of Meteorology. Paper No. 71: Theory of the Lag Coefficient of Hygroscopic Hygrometers. By Vilho Väisälä. Pp. 10. (Helsinki: University of Helsinki, 1952.) [43]

Beach Erosion Board: Corps of Engineers. Technical Memorandum No. 29: Artificially Nourished and Constructed Beaches. By Jay V. Hall, Jr. Pp. ii+25. (Washington, D.C.: Government Printing Office, 1952.) [43]

Fieldiana. Anthropology, Vol. 40: Mogollon Cultural Continuity and Change; the Stratigraphic Analysis of Tularosa and Cordova Caves. By Paul S. Martin, John B. Rinaldo, Elaine Bluhm, Hugh C. Cutler and Roger Grange, Jr. Pp. 528. (Chicago: Chicago Natural History Museum, 1952.) 8 dollars. [43]

Copan Ceramics: a Study of Southeastern Maya Pottery. By John M. Longyear, III. (Publication 597.) Pp. xiii+114+72 plates. (Washington, D.C.: Carnegie Institution, 1952.) 5.25 dollars. [43]

Second Annual Report of the National Science Foundation, Fiscal Year 1952. Pp. viii+77. (Washington, D.C.: Government Printing Office, 1953.) 30 cents. [43]

Mauritius Institute Bulletin. Vol. 3, Part 3: Catalogue of the Birds of Mauritius. By F. R. G. Rountree, R. Guérin, S. Pelte and J. Vinson. Pp. 155-217. (Port Louis: Mauritius Institute, 1952.) 5 rupees; 7s. 6d. [43]

Smithsonian Institution. Report of the Secretary and the Financial Report of the Executive Committee of the Board of Regents for the Year ended June 30, 1952. (Publication 4102.) Pp. ix+173. (Washington, D.C.: Government Printing Office, 1953.) [43]

Annals of the New York Academy of Sciences. Vol. 55, Art. 6: Use of Antibiotics in Tropical Diseases. By H. W. Brown and 50 other Authors. Pp. 967-1284. (New York: New York Academy of Sciences, 1952.) 3.50 dollars. [43]

Académie Royale de Belgique: Classe des Sciences. Mémoires, Tome 27, Fasc. 7: Recherches sur les surfaces algébriques irrégulières. Par A. Androotti. Pp. 36. 40 francs. Mémoires, Tome 27, Fasc. 8: La tectonique kandelunguaise. Par A. Beugnies. Pp. 128+3 plates. 150 francs. (Bruxelles: Académie Royale de Belgique, 1952.) [43]

Union of South Africa: Department of Mines. Geological Series. Bulletin No. 21: Waterberg Coalfield; Records of Boreholes 41 to 100 drilled for the Department of Mines. Pp. 381. (Pretoria: Government Printer, 1951.) 7s. 6d. [43]

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