

Official Publications Received.

BRITISH AND COLONIAL.

Queensland Department of Mines: Queensland Geological Survey. Publication No. 277: Geological Reconnaissance between Roma, Spring-sure, Tambo and Taroom (The Carnarvon Ranges and Buckland Tablelands). By Dr. H. I. Jensen, assisted by J. R. T. Dunlop. Pp. v+215. (Brisbane, Qd.: Anthony James Cumming.)

Proceedings of the Geologists' Association. Edited by A. K. Wells. Vol. 37, Part 3. Pp. 251-345+plates 10-16. (London: Edward Stanford, Ltd.) 5s.

Report on the Administration of the Meteorological Department of the Government of India in 1925-26, and a Note on the Long-Established Observatories of Madras and Bombay. Pp. 21+6 plates. (Simla: Government of India Press.)

Photographs of Eminent Chemists. (Published by the Chemical Society.) R. W. Bunson, Emil Fischer, A. W. von Hofmann, D. I. Mendeleeff, L. Pasteur, Sir William Perkin, Sir William Ramsay, Sir Henry Roscoe. Size of photograph, 8 in. x 6 in. (approx.); size of mount, 15 in. x 11 in. (London: Gurney and Jackson.) 3s. each; 22s. the set.

Records of the Survey of India. Vol. 19: The Magnetic Survey of India, 1901-20. Prepared by Lt.-Col. R. H. Thomas and E. C. J. Bond. Pp. ix+67+121+6 plates+9 charts. (Dehra Dun: Survey of India.) 4 rupees; 6s. 9d.

Battersea Polytechnic, London, S.W.11. Report of the Principal for the Session 1925-26. Pp. 38. (London.)

Proceedings of the Royal Society of Edinburgh, Session 1925-1926. Vol. 46, Part 3, No. 25: On Bernoulli's Numerical Solution of Algebraic Solutions. By Dr. A. C. Aitken. Pp. 289-305. 1s. 6d. Vol. 46, Part 3, No. 26: On a Polarised Light Quantum. By J. M. Whittaker. Pp. 306-313. 9d. Vol. 46, Part 3, No. 27: Bothrodion pridi, an Extinct Serpent of Gigantic Dimensions. By J. Graham Kerr. Pp. 314-315. 6d. (Edinburgh: Robert Grant and Son; London: Williams and Norgate, Ltd.)

Empire Cotton Growing Corporation. Report of the Executive Committee to be submitted at the Meeting of the Administrative Council on October 20th 1926. Pp. 6. (London.)

University College of North Wales. Calendar for Session 1926-27. Pp. 461. (Bangor.)

Proceedings of the Cambridge Philosophical Society. Vol. 23, Part 4, October. Pp. 337-491. (Cambridge: At the University Press.) 7s. 6d. net.

FOREIGN.

Instituts scientifiques de Buitenzorg: "s Lands Plantentuin." Treubia: recueil de travaux zoologiques, hydrobiologiques et océanographiques. Vol. 9, Livraison 1-3, Août. Pp. 292+5 Tafeln. (Buitenzorg.) 7.50 f.

Department of Commerce: Bureau of Standards. Scientific Papers of the Bureau of Standards, No. 534: Effect of Concentrated Loads on the Length of Measuring Tapes. By Lewis V. Judson. Pp. 383-393. (Washington, D.C.: Government Printing Office.) 10 cents.

University of Colorado Bulletin. Vol. 26, No. 6, General Series No. 231: Catalogue, 1925-26, with Announcements for 1926-1927. Pp. 421. (Boulder, Colo.)

Ministry of Agriculture, Egypt: Technical and Scientific Service. Bulletin No. 68: Notes on the Aphididae of Egypt. By W. J. Hall. Pp. viii+62+3 plates. (Cairo: Government Publications Office.) 5 P.T. Bulletin of the Peking Society of Natural History. Technical Series, No. 1: A Tentative List of Chinese Birds. Part 1: From Colymbiformes through Coraciiformes. Compiled by N. Gist Gee, Lacy I. Moffett and G. D. Wilder. Pp. viii+144. (Peking.)

University of Illinois Engineering Experiment Station. Bulletin No. 155: The Cause and Prevention of Embrittlement of Boiler Plate. By Prof. Samuel W. Parr and Frederick G. Straub. Pp. 62. (Urbana, Ill.) 35 cents.

University of California Publications in American Archaeology and Ethnology. Vol. 19, No. 2: Pomo Folkways. By Edwin M. Leob. Pp. 149-409+3 plates. (Berkeley, Cal.: University of California Press; London: Cambridge University Press.)

Department of the Interior: Bureau of Education. Bulletin, 1925, No. 41: Statistics of City School Systems, 1923-24. Pp. 181. 25 cents. Bulletin, 1925, No. 44: Land-Grant Colleges, Year ended June 30, 1925. By Walter J. Greenleaf. Pp. vi+70. 10 cents. Bulletin, 1925, No. 19: Accredited Higher Institutions. Compiled by Ella B. Ratcliffe. Pp. vi+105. 15 cents. (Washington, D.C.: Government Printing Office.)

Department of Commerce: U.S. Coast and Geodetic Survey. Serial No. 336: Tides and Currents in Delaware Bay and River. By Lt. L. M. Zeskind and E. A. Le Lacheur. (Special Publication No. 123.) Pp. iv+122. (Washington, D.C.: Government Printing Office.) 25 cents.

Proceedings of the American Philosophical Society held at Philadelphia for Promoting Useful Knowledge. Vol. 65, No. 2. Pp. 67-140. (Philadelphia, Pa.)

Department of the Interior: U.S. Geological Survey. Bulletin 783-B: Mineral Investigations in Southeastern Alaska. By A. F. Buddington. (Mineral Resources of Alaska, 1924-B.) Pp. ii+41-62+3 plates. Bulletin 783-C: Geology and Oil Developments of the Cold Bay District, Alaska, by Walter R. Smith; A Ruby Silver Prospect in Alaska, by S. R. Capps and M. N. Short. (Mineral Resources of Alaska, 1924-C.) Pp. iii+63-95+plate 4. Bulletin 783-D: The Nixon Fork Country and Silver-Lead Prospects near Ruby. Papers by John S. Brown. (Mineral Resources of Alaska, 1924-D.) Pp. iv+97-150+plates 5-6. (Washington, D.C.: Government Printing Office.)

Department of the Interior: U.S. Geological Survey. Professional Paper 139: Geology and Ore Deposits of the Ducktown Mining District, Tennessee. By W. H. Emmons and F. B. Laney, with the active collaboration of Arthur Keith. Pp. vi+114+23 plates. (Washington, D.C.: Government Printing Office.) 35 cents.

State of Illinois Department of Registration and Education: Division of the Natural History Survey. Bulletin, Vol. 16, Art. 2: Recent Insecticide Experiments in Illinois with Lubricating Oil Emulsions. By S. C. Chandler, W. P. Flint and L. L. Haber. Pp. 99-126. (Urbana, Ill.)

Journal of the College of Science, Imperial University of Tokyo. Vol. 44, Art. 6: On some Remarkable Relations between the Yearly Variations of Terrestrial Phenomena and Solar Activities. By Torahiko Terada. Pp. 20. 0.80 yen. Vol. 44, Art. 7: On some Fossil Shells from the Island of Saishū in the Strait of Tsushima. By Prof. Matajiro Yokoyama. Pp. 9+1 plate. 0.75 yen. Vol. 44, Art. 8: Die Hydrozoenfauna der japanischen Region. Von Prof. Dr. E. Stechow. Pp. 23. 0.75 yen. Vol. 45, Art. 1: Mollusca from the Coral-Bed of Awa. By Prof. Matajiro Yokoyama. Pp. 62+iii+5 plates. 2.20 yen. Vol. 45, Art. 2: Tertiary Mollusca from Dainichi in Tōtōmi. By Prof. Matajiro Yokoyama. Pp. 18+2 plates. 1.25 yen. Vol. 45, Art. 3: Molluscan Remains from the Lowest Part of the Jō-Ban Coal-Field. By Prof. Matajiro Yokoyama. Pp. 22+5 plates. 1.35 yen. Vol. 45, Art. 4: On the Classification of Fusulinidae. By Yoshiaki Ozawa. Pp. 26+4 plates. 1.30 yen. Vol. 45, Art. 5: Molluscan Remains from the Uppermost Part of the Jō-Ban Coal-Field. By Prof. Matajiro Yokoyama. Pp. 34+6 plates. 1.75 yen. Vol. 45, Art. 6: Paleontological and Stratigraphical Studies on the Permian Carboniferous Limestone of Nagato. Part 2: Paleontology. By Yoshiaki Ozawa. Pp. 90+14 plates. 3.60 yen. Vol. 45, Art. 7: Molluscan Remains from the Middle Part of the Jō-Ban Coal-Field. By Prof. Matajiro Yokoyama. Pp. 23+3 plates. 1.00 yen. Vol. 45, Art. 8: On the Stereochemical Configurations of Cobalt Complexes with Anomalous Co-ordination Numbers. By Kichimatsu Matsuno. Pp. 16. 0.60 yen. (Tokyo.)

Geologische Rundschau: Zeitschrift für allgemeine Geologie. Herausgegeben von der Geologischen Vereinigung. Sonderband. Festschrift zum 70 Geburtstag Gustav Steinmann, dargebracht von seinen Schülern. Pp. v+660+23 Tafeln. (Berlin: Gebrüder Borntraeger.)

Catalogue méthodique des livres de médecine. Août 1926. Pp. 136. (Paris: Masson et Cie.)

Diary of Societies.

SATURDAY, NOVEMBER 6.

ROYAL SOCIETY OF MEDICINE (Otolaryngology Section), at 10.30 A.M.—Diseases of the Outer Ear.—Dr. D. McKenzie: Introductory Remarks.—Dr. A. M. H. Gray: Common Affections of the Skin of the Outer Ear.—F. C. Ormerod: Intractable Dermatitis of the Pinna and External Auditory Meatus Secondary to Chronic Suppuration of the Middle Ear.—F. J. Cleminson: Deafness Associated with Fragilitas Ossium. ROYAL INSTITUTION OF GREAT BRITAIN, at 3.—Rev. E. M. Walker: The Study of History (1).

MONDAY, NOVEMBER 8.

ROYAL SOCIETY OF EDINBURGH, at 4.30.—Principal A. P. Laurie and J. Milne: The Evaporation of Water and Salt Solutions from Surfaces of Stone, Brick, and Mortar.—Prof. J. H. Ashworth and Miss Janet C. W. Bannerman: A Tetracotyle in the Brain of the Minnow.—Prof. D. Waterston: Development of the Hypophysis Cerebri in Man, with a Note upon its Structure in the Human Adult.—Dr. A. G. Cannon and Miss S. M. Manton: On the Feeding Mechanism of a Mysid Crustacean, *Hemimysis lamornae*.—Dr. E. Ghosh: On the Anatomy of the Mastacembelidae of Bengal with Notes on their Habits.—Sir Thomas Muir: The Theory of Perysymmetric Determinants from 1894 to 1919.—S. C. Chakrabarti: A Factorable Continuant.

BIOCHEMICAL SOCIETY (in Chemical Department, St. Thomas's Hospital Medical School), at 5.—J. Needham: The Rhythm of Chemical Differentiation in Avian Embryos.—E. M. Goldblatt: Some Observations on Acidosis and Alkalosis.—W. J. Griffiths and Prof. H. MacLean: The Part played by Regurgitation in Gastric Digestion.—J. Lowndes: Estimation of Cystine in the Modified Van Slyke Method of Analysis of Proteins.—Prof. R. H. A. Plimmer: Changes in the Amino Acids in the Proteins of the Hen's Egg during Development.—J. L. Rosedale: The Amino Acids of Flesh.—H. W. Dudley, O. Rosenheim, and W. W. Starling: Spermidine, a Hitherto Undescribed Base occurring in Animal Tissues.—W. J. N. Burch: Hydrolysis of Phosphoric Esters.—Prof. R. H. A. Plimmer and W. J. Burch: The Action of Ethyl Metaphosphate on Alcohols, Ammonia, and some Amino Compounds.—J. G. Davis and W. K. Slater: Aerobic and Anaerobic Metabolism of the Cockroach.

INSTITUTE OF CHEMISTRY (Bristol Section) (at Bristol University), at 5.30.—R. Pilcher: Alchemists and Chemists in Art and Literature.

INSTITUTE OF AUTOMOBILE ENGINEERS (Birmingham Section) (at Chamber of Commerce, Birmingham), at 7.—J. E. Southcombe: Recent Research on Friction and Lubrication.

INSTITUTE OF ELECTRICAL ENGINEERS (Informal Meeting), at 7.—D. J. Bolton and others: Discussion on the Economics of Lamp Choice.

INSTITUTE OF ELECTRICAL ENGINEERS (Mersey and North Wales (Liverpool) Centre) (at Liverpool University), at 7.—L. C. Grant: High-Power Fusible Cut-outs.

INSTITUTE OF ELECTRICAL ENGINEERS (North-Eastern Centre) (at Armstrong College, Newcastle-upon-Tyne), at 7.—S. Mavor: The Applications of Machinery at the Coal Face.—L. Miller: The Design of Storage-Battery Locomotives for use in Coal Mines.—R. Nelson: Electricity in Mines—a Short Survey.

CERAMIC SOCIETY (at Central School of Science and Technology, Stoke-on-Trent), at 7.30.—F. L. Bolt: Systems of Oil Firing and their Possible Applications to the Potteries.

INSTITUTE OF METALS (Scottish Local Section) (at 39 Elmbank Crescent, Glasgow), at 7.30.—Discussion on Die-Casting.

SURVEYORS' INSTITUTION, at 8.—D. Watney: Inaugural Address.

ROYAL GEOGRAPHICAL SOCIETY (at Eolian Hall), at 8.30.—Roy Chapman Andrews: The Work of the Central Asiatic Expedition in Mongolia (Second "Asia" Lecture).

MEDICAL SOCIETY OF LONDON, at 8.30.—Dr. J. Parkinson and A. J. Walton: Discussion on Sternal Pain.

CAMBRIDGE PHILOSOPHICAL SOCIETY (in Botany School, Cambridge), at 8.45.