

Official Publications Received.

BRITISH.

Board of Education. Prospectus of the Royal College of Art, S. Kensington, London, Session 1927-1928. Pp. iv+28. (London: H.M. Stationery Office.) 3d. net.

The Royal Aeronautical Society. List of Members, September 1927. Pp. 40. (London.)

Palestine and the Empire Marketing Board. By Sir John Russell, and Dr. J. B. Orr, On Agriculture in Palestine. Pp. 24. (London: The Zionist Organisation.)

Memoirs of the Geological Survey of India. Palaeontologia Indica. New Series, Vol. 14: A Sivapithecus Palate and other Primate Fossils from India. By Dr. Guy E. Pilgrim. Pp. iv+26+1 plate. (Calcutta: Government of India Central Publication Branch.) 1.8 rupees; 2s. 6d.

The Royal Technical College, Glasgow. Calendar for the One Hundred and Thirty-second Session, 1927-1928. Pp. 419+xxvii. (Glasgow.)

Laws Agricultural Trust: Rothamsted Experimental Station, Harpenden. Report 1925-26 with the Supplement to the "Guide to the Experimental Plots" containing the Yields per Acre, etc. Pp. 156. (Harpenden.) 2s. 6d.

The Journal of the Institution of Electrical Engineers. Edited by P. F. Rowell. Vol. 65, No. 369, September. Pp. 829-912+xxxii. (London: E. and F. N. Spon, Ltd.) 10s. 6d.

Northampton Polytechnic Institute, St. John Street, London, E.C.1. Excerpts from Announcements for the Session 1927-1928. Evening Classes in Telegraphy and Telephony. Pp. 19. Evening Classes in Civil and Mechanical Engineering. Pp. 39. Evening Classes in Electrical Engineering. Pp. 40. Evening Classes in Applied Chemistry. Pp. 24. Evening Classes in Domestic and Allied Subjects. Pp. 18. Evening Classes in Furriery. Pp. 7. Day and Evening Classes in Horology. Pp. 11. Classes in Applied Optics. Pp. 32. The Engineering Day College. Pp. 33. The Membership and Social Activities. Pp. 7. (London.)

The British Institute of Philosophical Studies. Syllabus, Session 1927-28. Pp. 10. (London.)

Proceedings of the Royal Irish Academy. Vol. 37, Section A, Nos. 8, 9: Mathematical Investigation of the Thrust experienced by a Cylinder in a Current, the Motion being Periodic, by Prof. J. L. Synge; Time Measurement in an Isotropic Space Frame, by Prof. J. L. Synge. Pp. 95-115. 1s. Vol. 37, Section B, No. 23: A List of the Hymenoptera Aculeata (Sensu Lato) of Ireland. By Arthur Wilson Steffox. Pp. 201-355. 5s. Vol. 37, Section B, No. 23: Marcelin Berthelot, 1827-1907; a Biographical Note. By Dr. W. R. Fearon. Pp. 356-360. 6d. Vol. 37, Section B, Nos. 24, 25: The Hydrolysis of n-Butyl Nitrate, by Dr. Hugh Ryan and Vincent J. R. Coyle: On 3-Nitrodiphenylene Oxide, by Dr. Hugh Ryan, Dr. John Keane and John C. McGahan. Pp. 361-372. 6d. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.)

Transactions of the Royal Geological Society of Cornwall. Vol. 15, Part 8: The One Hundred and Thirteenth Annual Report of the Council, with the Reports of the Treasurer and Curator, and Papers read to the Society. Pp. viii+539-598. (Penzance.) 4s.

Aeronautical Research Committee: Reports and Memoranda. No. 1039 (Ae. 268): Full Scale Test of Slot and Aileron Control on a Woodcock. By H. L. Stevens. (A.2.b. Stability-Full Scale Experiments, 49.—T. 2421.) Pp. 2+3 plates. 4d. net. No. 1093 (Ae. 272): A Non-Dimensional Form of the Stability Equations of an Aeroplane. By H. Glauert. (A.2.a. Stability Calculations and Model Experiments, 125.—T. 2491.) Pp. 10. 6d. net. (London: H.M. Stationery Office.)

Eighth Annual Report of the Ministry of Health, 1926-1927. (Cmd. 2988.) Pp. xxxii+284. (London: H.M. Stationery Office.) 5s. net.

Transactions of the Leicester Literary and Philosophical Society, together with the Council's Report and the Reports of the Sections, 1926-27. Vol. 28. Pp. 104. (Leicester.)

University of London, University College: Faculty of Medical Sciences. University Centre for Preliminary and Intermediate Medical Studies: Courses for Dental Students, Session 1927-1928. Pp. vi+227-262+10. (London.)

FOREIGN.

Proceedings of the United States National Museum. Vol. 71, Art. 20: Erynodesma, a new Molluscan Genus from the Silurian of Alaska. By Edwin Kirk. (No. 2692.) Pp. 9+2 plates. (Washington, D.C.: Government Printing Office.)

League of Nations: Health Organisation. Principles and Methods of Antimalarial Measures in Europe: Second General Report of the Malaria Commission. (C.H./Malaria/73.) (Publications of the League of Nations. III. Health, 1927. III. 5.) Pp. 95. (Geneva: League of Nations; London: Constable and Co., Ltd.)

The Rockefeller Foundation: International Health Board. Thirteenth Annual Report, January 1, 1926-December 31, 1926. Pp. xiv+219. (New York City.)

Bulletin of the National Research Council. No. 61: Transactions of the American Geophysical Union, Eighth Annual Meeting, April 28 and 29, 1927, Washington, D.C. Pp. 297. (Washington, D.C.: National Academy of Science.) 3 dollars.

Memoirs of the University of California. Vol. 8: The Antistertility Vitamine—Fat Soluble E. By Herbert McLean Evans and George O. Burr; with the assistance of Theodore L. Althausen. Pp. v+176+12 plates. (Berkeley, Calif.: University of California Press; London: Cambridge University Press.) 5 dollars.

Publikationer fra det Danske Meteorologiske Institut. Communications magnétiques, No. 3: On the Heating of the Uppermost Atmosphere caused by Cathodic Rays from the Sun, by Hjelge-Petersen: No. 4: Valeurs instantanées des éléments magnétiques observés à l'Observatoire de Rude Skov à l'occasion de l'éclipse de soleil du 29 juin 1927; Rapport officiel; No. 5: Valeurs instantanées et synchroniques des éléments magnétiques enregistrés à l'Observatoire de Rude Skov pendant la tempête magnétique des 21 et 22 juillet 1927; Rapport officiel. Pp. 9+6+6. (København: G. E. C. Gad.)

R. Osservatorio Astrofisico di Catania. Annuario 1927. Pp. iii+89. (Catania.)

Annalen van de Sterrewacht te Leiden. Deel 15, Eerste Stuk: A Catalogue of the Positions and Proper Motions of 1533 Red Stars. By Dr. C. H. Hins. Pp. 119. (Leiden.)

Bergens Museums Aarbok, 1926. 2 Hefte, Naturvidenskabelig Række. Pp. 53+18+71+22. (Bergen: A/S John Griegs Boktrykkeri.)

Diary of Societies.

SATURDAY, OCTOBER 1.

INSTITUTION OF MUNICIPAL AND COUNTY ENGINEERS (South-Western District Meeting) (at Municipal Buildings, Plymouth), at 11 A.M.

INSTITUTION OF MUNICIPAL AND COUNTY ENGINEERS (North-Eastern District Meeting) (at Shildon, Durham), at 2.

MONDAY, OCTOBER 2.

SOCIETY OF ENGINEERS (at Geological Society), at 6.—R. C. Hall: The Lead Electric Accumulator in Practice.

SOCIETY OF CHEMICAL INDUSTRY (London Section) (at Royal Society of Arts), at 8.—W. J. A. Bultorfield: The Gas Industry, Past, Present, and Future (Chairman's Address).

TUESDAY, OCTOBER 4.

INSTITUTE OF METALS (North-East Coast Local Section) (at Armstrong College, Newcastle-on-Tyne), at 7.30.—H. Dunford Smith: Chairman's Address.

SHEFFIELD METALLURGICAL ASSOCIATION (at 198 West Street, Sheffield), at 7.30.—A. J. Dale: Refractories in the Iron and Steel Industry.

INSTITUTION OF AUTOMOBILE ENGINEERS (at Royal Automobile Club), at 8.—Major E. G. Beaumont: The Influence of the Automobile User upon the Automobile Engineer (Presidential Address).

LIVERPOOL PSYCHOLOGICAL SOCIETY (at Liverpool University).—Dr. S. Barton Hall: Dreams and Dreaming (Inaugural Address).

WEDNESDAY, OCTOBER 5.

ENTOMOLOGICAL SOCIETY OF LONDON, at 8.

SOCIETY OF PUBLIC ANALYSTS AND OTHER ANALYTICAL CHEMISTS (at Chemical Society), at 8.—A. Chaston Chapman: The Oil of *Centrophorus granulatus*.—Dr. W. R. Schoeller and E. C. Deering: Investigations into the Analytical Chemistry of Tantalum, Niobium, and their Mineral Associates. IX. The Separation of Titanium from Tantalum and Niobium.—C. L. Hinton and T. Macara: The Determination of Aldose Sugars by Means of Chloramine-T, with Special Reference to the Analysis of Milk Products.

INSTITUTION OF SANITARY ENGINEERS.

FRIDAY, OCTOBER 7.

JUNIOR INSTITUTION OF ENGINEERS (at 39 Victoria Street), at 7.30.—H. Edser: Lubrication (Lecture).

SOCIETY OF CHEMICAL INDUSTRY (Manchester Section).—C. J. T. Cronshaw: Chairman's Address.

DIESEL ENGINE USERS' ASSOCIATION (at Caxton Hall, Westminster).—E. L. Bass: Some Fuel Experiments in a Mechanical Injection Oil Engine.

SATURDAY, OCTOBER 8.

BIOCHEMICAL SOCIETY (at Cambridge).

PUBLIC LECTURES.

WEDNESDAY, OCTOBER 6.

KING'S COLLEGE, at 5.30.—Prof. D. MacCallum Blair: The Brothers Hunter—a Landmark in Anatomy.

LONDON SCHOOL OF ECONOMICS, at 6.—W. Sansom: Office Machinery: The Moon-Hopkins Machine.

THURSDAY, OCTOBER 6.

UNIVERSITY COLLEGE, at 2.30.—Sir Flinders Petrie: Egyptian Architecture.—At 5.15.—Dr. T. G. Pinches: Recent Discoveries in Babylonia.

KING'S COLLEGE, at 5.30.—S. Smith: Babylonian Architecture.

FRIDAY, OCTOBER 7.

KING'S COLLEGE, at 5.30.—Prof. S. Ahmad Khan: The Growth of Primary Education in India from 1920 to the Present Day.

UNIVERSITY COLLEGE, at 5.30.—Prof. J. M. Carré: Michelet et l'Angleters (in French).

SATURDAY, OCTOBER 8.

HORNIMAN MUSEUM (Forest Hill), at 3.30.—Prof. J. R. Ainsworth Davis: The Romance of the Spice Islands.

CONGRESSES.

OCTOBER 3 TO 7.

IMPERIAL SOCIAL HYGIENE CONGRESS (at Caxton Hall, Westminster).

OCTOBER 4 TO 7.

CONGRESS OF ALIMENTARY AND METABOLIC DISEASES (at Vienna).

OCTOBER 8 TO 11.

INTERNATIONAL CONGRESS OF HYDROLOGY, CLIMATOLOGY, AND GEOLOGY (at Lyons).

OCTOBER 11 TO 15.

FRENCH CONGRESS OF MEDICINE (at Paris).