

Application of Psychology to Daily Life. By Prof. Edgar James Swift. Pp. ix+388. (London: George Allen and Unwin, Ltd.) 10s. 6d. net.

Notions Fondamentales de Chimie Organique. By Prof. Charles Moureu. Sixième édition. Pp. vii+552. (Paris: Gauthier-Villars et Cie.) 16 francs.

Agriculture and the Farming Business. By O. H. Benson and George Herbert Betts. Pp. xvii+778. (London: Kegan Paul, Trench, Trübner, and Co., Ltd.) 10s. 6d. net.

Introduction to Physical Chemistry. By Prof. James Walker. Eighth edition. Pp. xiii+433. (London: Macmillan and Co., Ltd.) 16s. net.

The Outline of History. By H. G. Wells. Part i. Pp. 32+plates. (London: George Newnes, Ltd.) 1s. 2d. net

Examples in Electrical Engineering. By J. F. Gill and F. J. Teago. Pp. 173. (London: Edward Arnold.) 7s. 6d. net.

Memoirs of the Geological Survey: England and Wales. Explanation of Sheet 154. The Geology of the Country around Lichfield, including the Northern Parts of the South Staffordshire and Warwickshire Coalfields. By G. Barrow and others. With contributions by J. B. Hill and others. Pp. viii+302. (Southampton: Ordnance Survey Office; London: E. Stanford, Ltd.) 9s. net.

DIARY OF SOCIETIES.

THURSDAY, DECEMBER 4.

ROYAL SOCIETY, at 4.30.—A. M. Williams: (1) The Adsorption of Gases at Low and Moderate Concentrations. Part I: Deduction of the Theoretical Adsorption Isotere and Isotherm. Part II: Experimental Verification of the Form of the Theoretical Isoteres and Isotherms. (2) The Adsorption of Gases at Low and Moderate Concentrations. Part III: Experimental Verification of the Constant in the Theoretical Adsorption Isotere.—T. R. Merton: (1) The Secondary Spectrum of Hydrogen. (2) The Spectra of Isotopes.—E. F. Armstrong and T. P. Hiltch: A Study of Catalytic Actions at Solid Surfaces. Part II.—F. Horton and Ann C. Davies: An Experimental Determination of the Critical Electron Velocities for the Production of Radiation and Ionisation on Collision with Argon Atoms.

ROYAL SOCIETY OF MEDICINE (Balneology and Climatology Section), at 5.30.—Dr. C. F. Sonntag: The History of Baths and Bathing in Britain before the Norman Conquest.

CHEMICAL SOCIETY, at 8.—H. Henstock: Di-phenanthryl.—B. D. Steele and H. G. Denham: A New Sulphuretted Hydrogen Generator.

ROYAL SOCIETY OF MEDICINE (Obstetrics and Gynaecology Section), at 8.—Discussion: On the Recently Published Report on the Teaching of Obstetrics and Gynaecology to Medical Students and Graduates in London. Dr. T. W. Eden will introduce the discussion, and a Criticism of the Report will be read by Dr. H. Spencer.

FRIDAY, DECEMBER 5.

ROYAL SOCIETY OF MEDICINE (Laryngology Section), at 4. INSTITUTE OF ELECTRICAL ENGINEERS (Students' Meeting) (at the City and Guilds Technical College, Leonard Street, E.C. 2), at 7.—H. M. Barlow: Thermionic Magnifiers.

GEOLOGISTS' ASSOCIATION (at University College), at 7.30.—W. B. R. King: Geological Work on the Western Front.

TECHNICAL INSPECTION ASSOCIATION (at the Royal Society of Arts), at 7.30.—R. D. Summerfield and H. J. Davey: Inspection and Testing of Materials.

ROYAL SOCIETY OF MEDICINE (Anæsthetics Section), at 8.30.—Dr. C. H. Mott: Intratracheal Insufflation of Chloroform; a Report on 357 Cases.

MONDAY, DECEMBER 8.

VICTORIA INSTITUTE (at the Central Hall, Westminster), at 4.30.—A. W. Sutton: The Ruined Cities of Palestine, East and West of the Jordan.

ROYAL GEOGRAPHICAL SOCIETY (at Lower Lodge, Kensington Gore, S.W. 7), at 5.—Lt. Col. W. J. Johnston: The New Inch and Quarter-inch Maps of the Ordnance Survey.

BIOCHEMICAL SOCIETY (at the Lister Institute), at 5.30.—B. Moore, E. B. R. Pridaux, E. Whitley, and A. Webster: (1) Season Variations in Reaction of Sea Water Due to Photosynthesis; (2) Fixation of Atmospheric Nitrogen by Marine Algae.—B. Moore and E. Whitley: Velocity of Photo-synthesis by Green, Brown, and Red Seaweeds Respectively in Light of Varying Intensity.—A. Slator: The Rate of Inactivation of Yeast-cells.—I. S. MacLean: Composition of Yeast Fat.—C. J. Martin: (1) Method of Preparation of Sørensen's Phosphate Solutions in Absence of Pure Salts. (2) Adjustment of Reaction of Media by the Use of α -Naphtholphthalein.—A. Harden and S. S. Zilva: Production of Water-soluble B by *S. ellipsoideus*.

SURVEYORS' INSTITUTION (Junior Meeting), at 7. ROYAL SOCIETY OF ARTS, at 8.—Dr. J. T. Hewitt: Synthetic Drugs (Cantor Lecture).

INSTITUTE OF MECHANICAL ENGINEERS (Graduates' Association), at 8.—R. J. Glinn: Large Boiler Units.

TUESDAY, DECEMBER 9.

ROYAL SOCIETY OF ARTS (Colonial Section), at 4.30.—Sir Edward Davson: Problems of the West Indies.

ROYAL PHOTOGRAPHIC SOCIETY OF GREAT BRITAIN, at 7.—H. F. Farmer: Demonstration of the "Carbro" Process.

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ROYAL ANTHROPOLOGICAL INSTITUTE, at 8.15.—J. H. Hutton: The Leopard Men of the Naga Hills.

WEDNESDAY, DECEMBER 10.

BRITISH PSYCHOLOGICAL SOCIETY (Education Section) (at the College of Preceptors).

ASSOCIATION OF ECONOMIC BIOLOGISTS (at Botanical Department, Imperial College of Science and Technology), at 11.30.—Annual General Meeting. Exhibitions and Communications.

CONJOINT BOARD OF SCIENTIFIC SOCIETIES (at the Royal Society), at 3. ROYAL UNITED SERVICE INSTITUTION, at 3.—Rear-Admiral Sir W. E. Goodenough: Light Cruisers.

ROYAL SOCIETY OF ARTS, at 4.30.—Sir Oliver Lodge: Some Possible Sources of Energy (Trueman Wood Lecture).

ROYAL AERONAUTICAL SOCIETY (at the Royal Society of Arts), at 8.—J. D. North: Aircraft Undercarriages.

THURSDAY, DECEMBER 11.

ASSOCIATION OF ECONOMIC BIOLOGISTS (at Botanical Department, Imperial College of Science and Technology), at 10.30.—Discussion on the Integration of Mycological Research with Practice in Agriculture, Horticulture, and Forestry.—Sir A. D. Hall: The Administrative Problem.—Prof. V. H. Blackman: The Teaching Problem.—Dr. E. J. Russell: The Agricultural Problem.—F. J. Chittenden: The Horticultural Problem.—Prof. W. Somerville: The Forestry Problem.

ROYAL SOCIETY, at 4.30.—*Probable Papers*.—Col. C. F. U. Meek: A Further Study of Chromosome Dimensions.—J. M. H. Campbell, C. G. Douglas, and F. G. Hobson: The Respiratory Exchange of Man During and After Muscular Exercise.—Dr. A. D. Waller: The Energy Output of Dock Labourers during Heavy Work.—C. H. Usher: Histological Examination of an Adult Human Albino's Eyeball, with a Note on Mesoblastic Pigmentation in Fetal Eyes.—J. Gray: The Relation of Spermatozoa to Certain Electrolytes, II.

LINNEAN SOCIETY, at 5. ROYAL COLLEGE OF SURGEONS OF ENGLAND, at 5.—Sir Charles A. Ballance: The Surgery of the Heart (Bradshaw Lecture).

INSTITUTE OF ELECTRICAL ENGINEERS (at the Institution of Civil Engineers), at 6.—Capt. J. M. Scott Maxwell: Scientific Management—A Solution of the "Capital and Labour" Problem.

OPTICAL SOCIETY, at 7.30.—Experimental and Conversational Evening. INSTITUTE OF AUTOMOBILE ENGINEERS (Graduate Section) (28 Victoria Street), at 8.—Debate: Worm γ . Bevel Drive.

ROYAL SOCIETY OF MEDICINE (Neurology Section), at 8.30.—Discussion: The Late Effects of Injuries to the Nervous System.

FRIDAY, DECEMBER 12.

ROYAL ASTRONOMICAL SOCIETY, at 5.—Consideration of the Theory of Relativity. Discussion to be opened by Prof. Eddington.

PHYSICAL SOCIETY OF LONDON, at 5.—Prof. W. M. Coleman: First Steps in the Experimental Analysis of a Galvanic Cell.—J. W. T. Walsh: Radiation from a Perfectly Diffusing Circular Disc.—Dr. N. W. McLachlan: A Comparative Method of Testing Thermionic Valves for Passing no Reverse Current at High Voltages.—Dr. A. O. Rankine: Recording and Reproducing Sounds by Means of Light.

MALACOLOGICAL SOCIETY OF LONDON (at the Linnean Society), at 6.

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Editorial and Publishing Offices:

MACMILLAN AND CO., LTD.,
ST. MARTIN'S STREET, LONDON, W.C.2.

Advertisements and business letters to be addressed to the Publishers.

Editorial Communications to the Editor.

Telegraphic Address: PHUSIS, LONDON.

Telephone Number: GERRARD 8830.