

Forthcoming Events

[Meetings marked with an asterisk are open to the public.]

Tuesday, March 14

CHADWICK PUBLIC LECTURE (at the Royal Sanitary Institute), at 5.30.—J. B. Howell: "The Preservation of Child Life".*

BRITISH ASSOCIATION OF CHEMISTS (LONDON SECTION) (in the Conway Hall, Red Lion Square, W.C.1), at 8.—Prof. J. B. S. Haldane, F.R.S.: "Heredity, Chemistry and Politics".*

Wednesday, March 15

ROYAL INSTITUTION, at 5.15.—Prof. F. G. Donnan, F.R.S.: Ludwig Mond Memorial Lecture.

Friday, March 17

ROYAL INSTITUTION, at 9.—Dr. W. H. Hatfield, F.R.S.: "New Researches in Steel Metallurgy".

Appointments Vacant

APPLICATIONS are invited for the following appointments on or before the dates mentioned:

LECTURER IN MATHEMATICS in the Rugby College of Technology and Arts—P. I. Kitchen, 61 Clifton Road, Rugby (March 16).

TEACHER OF ENGINEERING, MATHEMATICS, SCIENCE AND DRAWING in the Oxford Schools of Technology, Art and Commerce—The Chief Education Officer, City Education Office, 77 George Street, Oxford (March 17).

LECTURER IN MATHEMATICS AND ELEMENTARY PHYSICS in the Polytechnic, Regent Street, W.1—The Director of Education (March 20).

UNIVERSITY PROFESSOR OF THE PATHOLOGY OF MENTAL DISEASE in the University of London—The Academic Registrar, University of London, Senate House, W.C.1 (March 23).

ASSISTANT in the University of London Observatory—The Director, University Observatory, Mill Hill Park, N.W.7 (March 24).

SENIOR ASSISTANT in the Department of Mining, School of Metalliferous Mining (Cornwall), Camborne—The Secretary (March 29).

Reports and other Publications

(not included in the monthly Books Supplement)

Great Britain and Ireland

Publications of the International Tin Research and Development Council. No. 88: The Influence of Fluxes on the Spreading Power of Tin Solders on Copper. By Dr. A. Latin. Pp. 12. (Greenford: International Tin Research and Development Council.) Free. [132]

Falmouth Observatory. Report of the Observatory Committee to the Royal Cornwall Polytechnic Society and the Falmouth Town Council, by H. Dent Gardner; with Meteorological Notes and Tables for the Year 1938, with Mean Values for 65 Years (1871-1935), by W. Tregoning Hooper. Pp. 16. (Falmouth: Falmouth Observatory.) [142]

Publications of the International Tin Research and Development Council. No. 89: Tin and its Alloys in Dental Practice. By F. C. Thompson and N. Wild. Pp. 18. (Greenford: International Tin Research and Development Council.) Free. [152]

Metropolitan Water Board. Thirty-second Annual Report on the Results of the Chemical and Bacteriological Examination of the London Waters for the Twelve Months ended 31st December 1937. By Lt.-Col. C. H. H. Harold. Pp. 104+6 plates. (London: P. S. King and Son, Ltd.) 10s. 6d. [152]

Imperial College of Science and Technology: City and Guilds College. Research financed from Clothworkers Company's Grant, 1937-38. Pp. 17+12 plates. (London: Imperial College of Science.) [162]

Other Countries

Annuaire de l'Académie Royale de Belgique, 1939. Cent-cinquième année. Pp. 160+390+10 plates. (Bruxelles: Palais des Académies.) [182]

The Engineering Foundation: a Department of United Engineering Trustees, Inc. Annual Report, October 1, 1937, to September 30, 1938. Pp. 48. (New York: Engineering Foundation.) [132]

India Meteorological Department. Meteorological Organisation for Airmen. (M.O.A. Pamphlet, 1939.) Pp. v+66. (Delhi: Manager of Publications.) 1.2 rupees; 1s. 9d. [132]

Journal of the Indian Institute of Science. Vol. 21 A, Part 37: Dissociation Constants of *Ortho*-, *Meta*- and *Para*-Hydroxy Benzoic Acids, Gallic Acid, Catechol, Resorcinol, Hydroquinone, Pyrogallol and Phloroglucinol. By C. T. Abichandani and S. K. K. Jatkar. Pp. 417-442. 1.12 rupees. Vol. 21 A, Part 38: Esterification Equilibria in Vapour Phase; Equilibrium between Methyl Alcohol, Acetic Acid, Methyl Acetate and Water. By S. K. Kulkarni Jatkar and N. G. Gajendragad. Pp. 443-448. 10 annas. Vol. 21 A, Part 39: Activity of Different Catalysts for Vapour Phase; Esterification. By S. K. Kulkarni Jatkar and R. K. Valvekar. Pp. 449-454. 10 annas. Vol. 21 A, Part 40: Supersonic Velocity in Gases and Vapours. Part 2: Supersonic Satellites in Vapours. By S. K. Kulkarni Jatkar. Pp. 455-466. 1 rupee. Vol. 21 A, Part 41: Equilibrium in Electrodeless Discharge. Part 6: Influence of Rate of Flow on the Formation of Ozone in the Siemens's Ozoniser. By R. Krishnan and S. K. K. Jatkar. Pp. 467-476. 12 annas. Vol. 21 A, Part 42: Supersonic Velocity in Gases and Vapours. Part 3: Volume Resonance in a Supersonic Interferometer. By S. K. Kulkarni Jatkar. Pp. 477-488. 14 annas. Vol. 21 A, Part 43: Activation and Clarifying Properties of Fuller's Earth. Part 5: Dehydration of Fuller's Earth. By B. S. Kulkarni and S. K. K. Jatkar. Pp. 489-504. 1.2 rupees. (Bangalore: Indian Institute of Science.) [132]

Contributions from the Biological Laboratory of the Science Society of China. Zoological Series, Vol. 12, No. 7: On some Points concerning the Functions of the Mammalian Cerebral Cortex. By Chi Ping. Pp. 107-130. Zoological Series, Vol. 12, No. 8: Study of some Forest Insects of Nanking and its Vicinity, Part 1. By C. P. Miao. Pp. 131-182. Zoological Series, Vol. 12, No. 9: Birds of Nanking and its Vicinity, Part 1: Passeriformes. By L. T. Chong. Pp. 183-374. (Shanghai: Science Society of China.) [132]

Veröffentlichungen des Geobotanischen Institutes Rübel in Zürich. Heft 14: Ergebnisse der Internationalen Pflanzengeographischen Exkursion durch Marokko und Westalgerien, 1936. Redigiert von E. Rübel und W. Lüdi. Pp. 258+17 plates. (Bern: Hans Huber.) 12.50 francs. [132]

Egyptian University. Bulletin of the Faculty of Science, No. 14: The Osteology of the Lizard *Scincus scincus* (Linn.). By M. R. El-Toubi. Pp. 38. (Cairo: Egyptian University.) [142]

U.S. Department of the Interior: Office of Education. Bulletin, 1937, No. 23: Professional Library Education, Introducing the Library. By Nora E. Beust. Pp. v+75. (Washington, D.C.: Government Printing Office.) 15 cents. [142]

Agricultural Experiment Station of the Rhode Island State College. Bulletin 268: A Study of Land Utilization in Newport and Bristol Counties, Rhode Island. By Basil E. Gilbert. Pp. 40. Bulletin 269: Farm Taxes and Farm Real Estate Transfers in Rhode Island. By J. L. Tennant. Pp. 24. Bulletin 270: Pasture Improvement Practices in Rhode Island. By T. E. Odland and R. S. Shaw. Pp. 24. (Kingston, R.I.: Rhode Island State College.) [142]

Spisy vydávané Přírodovědeckou Fakultou Masarykovy University. Čís. 259: Beiträge zur Kristallographie einiger Erzminerale von Příbram (Kristallografické zprávy o některých rudních nerostech Příbramských). Von Josef Sekanina. Pp. 16. Čís. 260: Beitrag zur Morphologie des Calcits von Island (Příspěvek k morfolologii Islandského kalcitu). Von Dr. Vojtěch Rosický. Pp. 16. Čís. 261: Sur une équation fonctionnelle de la théorie des probabilités (Troisième partie). Par B. Hostinský. Pp. 26. Čís. 262: Galvanické články se složenými elektrodami (Galvanic Cells with Composite Electrodes). Napsali V. Čupr a O. Koutný. Pp. 18. Čís. 263: Příspěvek k poznání květeny Československé, 3 (Ad floram českoslovaciam additamentum, 3). Napsal Vlad. Krist. Pp. 12. Čís. 264: Geologická mapa kraje mezi pohárské (Geologische Karte der Gegend zwischen Lenešice, Weberschan und Hrádek und neue Ansichten über die Stratigraphie der Kreide der Egergebirges); Puzosia (subg. Austeniceras) Austeni (Sharpe) v křídě na "Čížovkách" u Beskovic (Puzosia (subg. Austeniceras) Austeni in der Kreide auf der Anhöhe "čížovský" bei Boskovic). Napsal Břetislav Zahálka. Pp. 74. Čís. 265: Studies on Multiplicative Systems, Part 2. By O. Borůvka. Pp. 24. Čís. 266: Lokální články na kovových elektrodách (Local Cells on Metallic Electrodes). Napsal V. Čupr. Pp. 14. Čís. 267: Diaphyse floripare a jiné abnormní zjevy pozorované ve květech *Melandryum silvestre* Röhl (Diaphyse floripare and andere abnorme Erscheinungen, beobachtet an den Blüten *Melandryum silvestre* Röhl). Napsal F. Unzeitig. Pp. 10. (Brno: A. Píša.) [142]

A Preliminary Survey of Soil Types of Sugar Estates of Trinidad; with Special Reference to the Allocation of Sugar-Cane Varieties. By P. E. Turner and C. F. Charter. Pp. 73. (Trinidad: Sugar-Cane Investigation Committee.) [162]

New York Academy of Sciences. Scientific Survey of Porto Rico and the Virgin Islands. Vol. 8, Part 3: Botany of Porto Rico and the Virgin Islands—Diatomaceae. By Robert Hagelstein. Pp. 311-450. (New York: New York Academy of Sciences.) [162]

Catalogues, etc.

Stilbœstrol B.D.H., a New Synthetic (Estrogenic Substance). Pp. 10. Placental Globulins (Human) B.D.H., for the Modification, Prevention and Treatment of Measles. Pp. 2. (London: British Drug Houses, Ltd.)

Die Askania-Warte. Nr. 15, Januar-Februar 1939. Pp. 24. (Berlin-Friedenau: Askania-Werke A.G.)

Landwirtschaft: Pflanzenbau, Ackerbau, Tierzucht, Obst- und Gartenbau, Betriebslehre, Agrarpolitik. (Antiquariatskatalog Nr. 729.) Pp. 208. (Leipzig: Gustav Fock, G.m.b.H.)

Livogen: Liquid Extract of Yeast (supplying the Vitamin B complex) with Liquid Extract of Liver and additional Vitamin B₁ and Nicotinic Acid. Pp. 14. (London: The British Drug Houses, Ltd.)

74 in. Reflecting Telescope of the Radcliffe Observatory, Pretoria. (Reprinted from the *Engineer*, Sept. 16, 23, 30, 1938.) Pp. 28. (Newcastle-upon-Tyne: Sir Howard Grubb, Parsons and Co.)