

SATURDAY, FEBRUARY 27

ROYAL INSTITUTION OF GREAT BRITAIN, at 3.—Lord Rutherford of Nelson: Discovery and Properties of the Electron (1).

Public Lectures

FRIDAY, FEBRUARY 19

UNIVERSITY COLLEGE, at 5.30.—Sir E. Denison Ross: The Unification of Asia under the Monguls.

ROYAL VETERINARY COLLEGE, at 5.30.—T. M. Doyle: Diseases of Birds due to Filterable Viruses (1).

SATURDAY, FEBRUARY 20

MATHEMATICAL ASSOCIATION (London Branch) (at Bedford College for Women), at 3.—Discussion of Members' Topics.

HORNIMAN MUSEUM (Forest Hill), at 3.30.—H. N. Milligan: Nature Studies on the Sussex Coast.

MONDAY, FEBRUARY 22

GUY'S HOSPITAL (in Physiological Theatre), at 5.—Prof. A. E. Barclay: The Use of X-Rays in Physiological Investigations (2): The Anatomy of the Abdominal Viscera.

KING'S COLLEGE, LONDON, at 5.30.—Prof. T. H. Robinson: The Myth and Ritual of the Old Testament and the Culture Patterns of the Ancient East (5): Hebrew Myths.

TUESDAY, FEBRUARY 23

UNIVERSITY COLLEGE HOSPITAL MEDICAL SCHOOL, at 5.15.—Dr. Dorothy Russell: Intracranial Tumours (1).

WEDNESDAY, FEBRUARY 24

ROYAL INSTITUTE OF PUBLIC HEALTH, at 4.—Dr. W. S. C. Copeman: The Control of Industrial Rheumatic Diseases in the Future.

BELFAST MUSEUM AND ART GALLERY, at 8.—R. G. Baskett: Menus for Farm Animals.

THURSDAY, FEBRUARY 25

KING'S COLLEGE, LONDON, at 3.—C. J. Gadd: Assyrian Dealings with Israel.

UNIVERSITY COLLEGE, at 5.30.—Sir J. J. Thomson: Physical Lines of Electric Forces and their Application to the Interpretation of the Electromagnetic Field (2).

KING'S COLLEGE, LONDON (at 40 Torrington Square, W.C.1), at 6.—S. P. Turin: Economic Conditions in Russia To-day (6): Equality of Incomes.

FRIDAY, FEBRUARY 26

UNIVERSITY COLLEGE, at 5.15.—Prof. A. J. Clark: The Reaction between Drugs and the Cells (1).—At 5.30.—Sir E. Denison Ross: Persia, 1215-1720.

KING'S COLLEGE, LONDON, at 5.30.—The Brazilian Ambassador: Brazil and its Development.

ROYAL VETERINARY COLLEGE, at 5.30.—T. M. Doyle: Diseases of Birds due to Filterable Viruses (2).

SATURDAY, FEBRUARY 27

HORNIMAN MUSEUM (Forest Hill), at 3.30.—J. H. Driberg: Warrior-Herdsmen in East Africa.

Official Publications Received

BRITISH

Proceedings of the Linnean Society of London, Session 1931-32. Part 1. Pp. 16. (London.) 6d.

Journal of the Indian Institute of Science. Vol. 14A, Part 9: The Reactivity of Dimethyldihydroresorcin. Part 1: Condensation with Aromatic Aldehydes. By Gopāl Chandra Chakravarti, Haripada Chattopadhyaya and Prafulla Chandra Ghosh. Pp. 141-156. (Bangalore.) 1 rupee.

Investigations on the Spike-Disease of Sandal. 3: Report of Progress made during the Quarter ending 30th September 1931. Contributors: C. Dover, H. A. H. G. Hicks and A. R. Brand, J. E. M. Mitchell and S. Rangaswami, M. Sreenivasaya, Y. V. Sreenivasa Rao, A. V. Varadaraja Iyengar. Edited by Dr. V. Subrahmanyam. Pp. ii+20. (Bangalore: Indian Institute of Science.)

Indian Journal of Physics, Vol. 6, Part 5, and Proceedings of the Indian Association for the Cultivation of Science, Vol. 15, Part 5. Conducted by Sir C. V. Raman. Pp. 367-466. (Calcutta.) 2.4 rupees; 3s.

The Journal of the Botanical Society of South Africa. Edited by R. H. Compton. Part 17. Pp. 27+5 plates. (Kirstenbosch: National Botanic Gardens.)

Air Ministry: Aeronautical Research Committee: Reports and Memoranda. No. 1419 (Ae. 540-S. and C. 389): Tests on Model of *Wapiti* including Effect of Slipstream. By A. S. Hartshorn, D. M. Hirst and G. F. Midwood. Pp. 15+5 plates. 1s. net. No. 1423 (Ae. 544-T. 3128): Some Features of the Earlier Pterodactyl Design. By S. B. Gates and D. M. Hirst. Pp. 8+5 plates. 9d. net. No. 1420 (Ae. 541-T. 3124): Wind Tunnel Data on the Balancing of Controls. By F. B. Bradfield. Pp. 16+26 plates. 1s. 3d. net. (London: H.M. Stationery Office.)

The Journal of the National Institute of Agricultural Botany. Vol. 3, No. 1. Pp. 131. (Cambridge: W. Heffer and Sons, Ltd.) 2s. 6d. net.

Transactions of the Optical Society. Vol. 32, 1930-31, No. 3. Pp. iv+85-128. (London.) 10s.

Department of Scientific and Industrial Research. Building Science Abstracts. Vol. 4 (New Series), No. 12, December. Abstracts Nos. 2288-2500. Pp. 403-532. (London: H.M. Stationery Office.) 9d. net.

Department of Scientific and Industrial Research. The Investigation of Atmospheric Pollution: Report on Observations in the Year ended 31st March 1931. Seventeenth Report. Pp. vii+110. (London: H.M. Stationery Office.) 5s. 6d. net.

Journal of the Chemical Society. January. Pp. v+339+vi. (London: Chemical Society.)

FOREIGN

Memorie della Reale Accademia d'Italia: Classe di Scienze fisiche, Matematiche e Naturali. Vol. 2. Biologia. N. 1: L'Origine e l'evoluzione della patogenesi attraverso i differenti biotipi di una specie collettiva (*Artemia salina* L.) con speciale riferimento al biotipo diploide partenogenetico di Sète. Per Cesare Artom. Pp. 37+6 tavole. 20 lire. N. 2: Influenza del glicosio sulla produzione ed azione degli anticorpi emolitici. Per Giuseppe Marotta. Pp. 13. 3 lire. Chimica. N. 1: La elettrolisi degli ossalati di cromo. Per Arrigo Mazzucchi. Pp. 15. 2.50 lire. N. 2: La formazione dell'acetone per scissione catalitica dell'acido acetico. Per Giovanni Malquori. Pp. 15. 2.50 lire. N. 3: Dimensioni degli atomi a degli ioni monovalenti nei reticoli dei cristalli. Per G. Natta. Pp. 31. 5 lire. N. 4: Studi sull'effetto Itaman nei terpeni.—Ricerche su alcuni idrocarburi. Per G. B. Bonino e P. Cella. Pp. 51. 10 lire. N. 5: Esperienze di desolfurazione di benzine e olii mediante idrogenazione. Per G. Roberti. Pp. 15. 2.50 lire. N. 6: La determinazione della stabilità delle polveri infumi. Per F. Grottanelli. Pp. 17. 2.50 lire. N. 7: Sopra alcune reazioni semplici decorrenti ad alta temperatura e sopra la composizione chimica della atmosfera di alcuni corpi celesti. Per Giorgio Piccardi. Pp. 54. 10 lire. Matematica. N. 1: Il problema di Dirichlet per le funzioni biarmoniche. Per Francesco Severi. Pp. 27. 5 lire. N. 2: Due lettere inedite di Girolamo Saccheri. Per Amedeo Agostini. Pp. 20. 3.75 lire. N. 3: Intorno alla teoria delle superficie proiettivamente deformabili e alle equazioni differenziali ad esse collegate. Per Beniamino Segre. Pp. 143. 22.50 lire. N. 4: I funzionali della funzioni di due variabili. Per Luigi Fantappiè. Pp. 172. 27 lire. N. 5: Contributi alla teoria delle funzioni biarmoniche. Per Francesco Severi. Pp. 59. 10 lire. N. 6: Elenco di numeri primi fra 10 milioni e 500 milioni estratti da serie quadratiche. Per L. Poletti. Pp. 107. 18 lire. Fisica. N. 1: Nuovi studi sull'effetto "Hall" particolarmente in campi deboli. Per M. Cantone e E. Bossa. Pp. 31. 5 lire. (Roma: G. Bardi.)

Journal de la Société des Americanistes. Nouvelle série, Tome 23, Fasc. 1. Pp. 272. (Paris.)

Ministère de l'Instruction publique et des Beaux-arts. Enquêtes et documents relatifs à l'enseignement supérieur, 125: Rapports sur les Observatoires astronomiques de Province et les Observatoires et Instituts de Physique du Globe. Année 1929. Pp. 107. (Paris.)

Journal of the Faculty of Agriculture, Hokkaido Imperial University. Vol. 30, Part 4: Supplementary Notes on the *Platyoididae* of Formosa, 3, by Jozo Murayama; Beitrag zur Kenntnis der *Endomychiden* Japans, von Yuai Ohta. Pp. 195-242. (Tokyo: Maruzen Co., Ltd.)

Smithsonian Miscellaneous Collections. Vol. 86: Smithsonian Meteorological Tables (based on Guyot's Meteorological and Physical Tables). (Publication 8116.) Fifth revised edition. Pp. lxxxvi+282. (Washington, D.C.: Smithsonian Institution.)

Smithsonian Institution: Bureau of American Ethnology. Bulletin 103: Source Material for the Social and Ceremonial Life of the Choctaw Indians. By John R. Swanton. Pp. vii+282+6 plates. (Washington, D.C.: Government Printing Office.) 60 cents.

Proceedings of the United States National Museum. Vol. 79, Art. 26: Four New Species of Trematode Worms of the Subfamily Onchocotylinae. By Dr. G. A. MacCallum. (No. 2892.) Pp. 8+1 plate. (Washington, D.C.: Government Printing Office.)

U.S. Department of Agriculture. Farmers' Bulletin No. 1682: Usefulness of Birds on the Farm. By W. L. McAtee. Pp. ii+14. 5 cents. Leaflet No. 82: Controlling Small Gullies by Bluegrass Sod. By R. E. Uhlund. Pp. ii+4. 5 cents. (Washington, D.C.: Government Printing Office.)

Memoirs of the University of California. Vol. 9, No. 2: An Introduction to the Study of the Oestrous Cycle in the Dog. By Herbert McLean Evans and Harold H. Cole. Pp. vii+65-118+plates 12-18. 2.50 dollars. Vol. 9, No. 3: Oogenesis and the Normal Follicular Cycle in Adult Mammalia. By Herbert McLean Evans and Olive Swezy. Pp. v+119-224+plates 19-36. 5.00 dollars. (Berkeley, Calif.: University of California Press.)

Proceedings of the Academy of Natural Sciences of Philadelphia, Vol. 83. Descriptions of New Birds from Peru and Bolivia. By M. A. Carraker, Jr. Pp. 455-467. A New Race of *Turdoides jardineii* from Bechnanaland. By Rodolphe Meyer de Schauensee. Pp. 469-470. (Philadelphia.)

CATALOGUES

Cambridge Electrical Instruments: Abridged Specifications. (List No. 163.) Pp. 36. (London: Cambridge Instrument Co., Ltd.)

Moll Micro-Galvanometer. (Galv. 32.) Pp. 12. (Delft: P. J. Kipp and Zonen.)

A Short List of Books relating to Scotland and Sir Walter Scott. Pp. 10. Perry Tracts. (Catalogue 545.) Pp. 54. (London: Francis Edwards, Ltd.)