

Official Checklist of the Birds of Australia. Second edition. Compiled by Checklist Committee, Royal Australasian Ornithologists' Union. With Appendix: Scientific Names, Notes and Pronunciation, by H. Wolstenholme. Pp. x+212. (Melbourne: H. J. Green.) 12s. 6d.

Ministerio da Agricultura, Industria e Commercio: Directoria de Meteorologia. Justificação das Normas de Chuva da Rede Pluviometrica Brasileira. Por F. E. Magarinos Torres. Pp. 63. (Rio de Janeiro.)

Colony of the Gambia. The Annual Report of the Department of Agriculture for the Year 1925. Pp. 52. (London: The Crown Agents for the Colonies.) 5s.

The Scientific Proceedings of the Royal Dublin Society. Vol. 18, N.S., Nos. 17-28. 17: The Estimation of Organic Matter in Water by Means of Potassium Dichromate and Sulphuric Acid, by Dr. W. E. Adeney and Miss B. B. Dawson; 18: On the Rate of Carbohydrate Transport in the Greater Yam, *Dioscorea a'ata*, Linn., by Dr. T. G. Mason and C. J. Lewin; 19: The Constitution of Dicyanodiamide, with a Note on the Formation of a Mercury Derivative, by James Bell; 20: On the Rate and Mechanism of the Aeration of Water under Open-air Conditions, by Dr. W. E. Adeney; 21: The Pentosan Theory of Cold-resistance applied to Conifers, by Prof. Joseph Doyle and Phyllis Clinch; 22: The Downy Mildew of Onions (*Peronospora schleideni*), with particular reference to the Hibernation of the Parasite, by Dr. Paul A. Murphy; 23: A Simple Method of Temperature Control for use with Refractometers and Polarimeters, by Michael T. Casey; 24: The Dehydration Rates of Conifer Leaves in relation to Plant Distribution, by Prof. Joseph Doyle and Phyllis Clinch; 25: Photo-electric Measurements of Illumination in relation to Plant Distribution, Part i., by Dr. W. R. G. Atkins and Dr. H. H. Poole; 26: Report of the Irish Radium Committee for the Year 1925; 27: A Review of the Results of Radium Treatment over a Period of Ten Years (1916-1925), by Dr. Maurice R. J. Hayes; Report of One Year's Radium Work carried out in 1925, by Dr. Walter C. Stevenson; 27: Studies on Peat. Part i: The Thermal Decomposition of Peat under reduced Pressure, by Dr. Joseph Reilly and Gerald Pyne; 28: Velocity of Formation of 3-5 Dimethylpyrazole-4-Diazonium Chloride, by Dr. Joseph Reilly and Honorah E. Bastible. Pp. 199-349. (Dublin: Royal Dublin Society; London: Williams and Norgate, Ltd.) 12s.

Rendiconti delle Sessioni della R. Accademia delle Scienze dell' Istituto di Bologna: Classe di Scienze fisiche. Nuova serie, Vol. 29 (1924-25). Pp. 218+xxx. (Bologna.)

Supplement to the Journal of the Indian Mathematical Society, Vol. 16. Report of the Fifth Conference of the Indian Mathematical Society held at Bangalore in April 1926. Pp. xviii+47. (Madras.)

Memoirs of the Geological Survey of India. Palaeontologia Indica. New Series, Vol. 8, Memoir No. 4: The Fossil Suidæ of India. By Dr. Guy E. Pilgrim. Pp. iv+65+20 plates. (Calcutta: Government of India Central Publication Branch.) 11.12 rupees; 19s.

Regenwaarnemingen in Nederlandsch-Indië. Zes en veertigste Jaargang 1924. Pp. ii+125. (Wetvevreden: Landsdrukkerij.)

Ministry of Agriculture, Egypt: Technical and Scientific Service. Bulletin No. 70: The Hibiscus Mealy Bug (*Phenacoccus hirsutus*, Green) in Egypt in 1925, with Notes on the Introduction of *Cryptolacmus montrouzieri*, Muls. By W. J. Hall. Pp. iv+15+4 plates. (Cairo: Government Publications Office.) 5 P.T.

Oxford University Press. General Catalogue, 1926. Pp. xii+475+136. (London: Oxford University Press.)

Catalogue 486: Books, Engravings, Drawings, Maps, etc., relating to South and Central America, and the Falkland Islands. Pp. 36. (London: Francis Edwards.)

Classified List of Second-hand Scientific Instruments, No. 88. Pp. vi+58. (London: Charles Baker.)

Catalogue No. 541: Surveying and Drawing Instruments and Appliances. Pp. 230. (London: G. F. Casella and Co. Ltd.)

List No. 169: Cambridge Electrometers and Photo-electric Cells. Pp. 12. (London: Cambridge Instrument Co., Ltd.)

## Diary of Societies.

SATURDAY, OCTOBER 9.

BIOCHEMICAL SOCIETY (in Biochemical Laboratory, Cambridge), at 2.45.—Sir F. G. Hopkins: The Purine Enzymes of the Dalmatian Hound.—E. G. Morgan: The Distribution of Xanthine Oxidase.—H. F. Holden and R. Hill: Some Chemical Relationships of Hæmoglobin and its Derivatives.—O. Rosenheim and T. A. Webster: The Non-Specificity of Fearon's Pyrogallol Test for Vitamin A.—M. Perkins and W. Smith: How Bats prepare to Fly.—H. Chick, M. H. Roscoe, and J. L. Leigh-Clare: Distribution of Vitamin D in Nature.—T. Moore and S. G. Willmott: Notes on the Colour Reaction attributed to Vitamin A.—Demonstrations.—Dr. J. B. S. Haldane: The Effect of Carbon Monoxide on Animals without Hæmoglobin.—M. Perkins and W. Smith: Respiration of Bats.—H. I. Coombs and T. S. Hele: The Sulphur Metabolism of the Pig.—G. S. Eadie: The Relation between Velocity and Substrate Concentration with Barley Amylase and Starch.—Dr. R. K. Canman: Echinochrome, the alleged Respiratory Pigment of certain Echinodermata.—P. Eggleton and M. Eggleton: Changes in Phosphates in Frog Muscle as the Result of Activity.

HULL ASSOCIATION OF ENGINEERS (at Municipal Technical College, Hull), at 7.15.—A. Spyer: Water Tube Boilers for Marine and Land Purposes.

MONDAY, OCTOBER 11.

BRITISH PSYCHOLOGICAL SOCIETY (Education Section) (at London Day Training College), at 6.—W. S. Flack: Mental Tests as a Means of Classifying Secondary School Pupils in Mathematics.

INSTITUTE OF AUTOMOBILE ENGINEERS (Scottish Centre) (at Royal Technical College, Glasgow), at 7.30.—H. Kerr Thomas: The Debt of the Community to the Automobile (Presidential Address).

INSTITUTE OF METALS (Scottish Local Section) (at 39 Elmbank Crescent, Glasgow), at 7.30.—S. E. Flack: Chairman's Address.

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CERAMIC SOCIETY (at Central School of Science and Technology, Stoke-on-Trent), at 7.30.—Prof. H. B. Dixon: Ignition of Gases.

INSTITUTE OF BREWING (London Section) (at Engineers' Club, Coventry Street).—W. S. Ward, W. J. Watkins, H. W. Harman, and others: Discussion on The Present Season's Malts.

TUESDAY, OCTOBER 12.

SOCIETY FOR THE STUDY OF INEBRIETY (at Medical Society of London), at 4.—Dr. J. D. Rolleston: Alcoholism in Classical Antiquity.

INSTITUTE OF PETROLEUM TECHNOLOGISTS (at Royal Society of Arts), at 5.30.—A. Beaby Thompson: The Significance of Surface Oil Indications.

INSTITUTE OF MARINE ENGINEERS, at 6.30.—W. G. Burn: Double Acting Oil Engines.

INSTITUTE OF METALS (Birmingham Local Section) (at Engineers' Club, Birmingham), at 7.—A. Spittle: Chairman's Address.

ROYAL PHOTOGRAPHIC SOCIETY (Kinematograph Group), at 7.—W. Day: The World's Oldest Films.

QUEKETT MICROSCOPICAL CLUB, at 7.30.—Dr. J. R. Leeson: Microbes of Disease.

INSTITUTE OF AUTOMOBILE ENGINEERS (Birmingham, Coventry, and Wolverhampton Centre) (at Queen's Hotel, Birmingham), at 8.—H. Kerr Thomas: The Debt of the Community to the Automobile (Presidential Address).

THURSDAY, OCTOBER 14.

INSTITUTE OF AUTOMOBILE ENGINEERS (Derby Graduates' Meeting) (at Derby), at 7.30.—Discussion on Spiral Bevels v. Worm Drive for Rear Axles.

INSTITUTE OF METALS (London Local Section) (at 83 Pall Mall), at 7.30.—A. H. Munday: Chairman's Address.

INSTITUTE OF MINING AND METALLURGY (at Geological Society).

FRIDAY, OCTOBER 15.

ROYAL COLLEGE OF SURGEONS OF ENGLAND, at 5.—Sir Arthur Keith: Demonstration of Specimens of Surgical and Anatomical Interest recently added to the Museum.

ROYAL PHOTOGRAPHIC SOCIETY (Pictorial Group), at 7.

INSTITUTE OF METALS (Swansea Local Section) (at Swansea University College), at 7.15.—Capt. L. Taverner: Chairman's Address.

JUNIOR INSTITUTION OF ENGINEERS, at 7.30.—R. L. Sarjeant: China from the Engineer's Point of View.

DIESEL ENGINE USERS' ASSOCIATION (at Caxton Hall).—H. J. Young: The Obligation of the Ironfounder to Diesel Engine Users.

SATURDAY, OCTOBER 16.

BRITISH PSYCHOLOGICAL SOCIETY (at University College), at 3.—W. J. Messer: Conative Control.—R. J. Bartlett: Does the Psychogalvanic Phenomenon indicate Emotion?

## PUBLIC LECTURES.

SATURDAY, OCTOBER 9.

HORNIMAN MUSEUM (Forest Hill), at 3.30.—Mrs. Robert Aitken: Life in a Red Indian Family.

SUNDAY, OCTOBER 10.

GUILDHOUSE (Eccleston Square, S.W.1), at 3.30.—Dr. Bernard Hollander: Sound and Unsound Mind.

MONDAY, OCTOBER 11.

UNIVERSITY COLLEGE, at 5.—Prof. G. Dawes Hicks: The Philosophic Significance of Spiritual Values.

TUESDAY, OCTOBER 12.

UNIVERSITY COLLEGE, at 3.—Prof. E. A. Gardner: Characteristics of Greek Art.—At 5.30.—Prof. C. Spearman: Is Mind Governed by Laws?

GRESHAM COLLEGE, at 6.—Sir Robert Armstrong-Jones: Physic. (Succeeding Lectures on October 13, 14 and 15.)

WEDNESDAY, OCTOBER 13.

ROYAL INSTITUTE OF PUBLIC HEALTH, at 4.—Sir William Willcox: Intestinal Infection in Relation to Personal Health and Disease.

IMPERIAL COLLEGE OF SCIENCE, at 5.—Prof. W. H. Keesom: Extreme Cold.

FULHAM CENTRAL PUBLIC LIBRARY, at 8.—F. H. Edmunds: A Geological History of the London District.

THURSDAY, OCTOBER 14.

FULHAM CENTRAL PUBLIC LIBRARY, at 8.—M. A. Phillips: British Mammals.

SATURDAY, OCTOBER 16.

HORNIMAN MUSEUM (Forest Hill), at 3.30.—Mrs. H. M. Dunn: Kashmir, the Country and its People.

SUNDAY, OCTOBER 17.

GUILDHOUSE (Eccleston Square, S.W.1), at 3.30.—Air Vice-Marshal Sir Sefton Brancker: The Scientific Problems of Commercial Aviation.

## CONGRESSES.

OCTOBER 13 TO 26.

GERMAN SOCIETY FOR THE STUDY OF DISEASES OF DIGESTION AND METABOLISM (at Berlin).

OCTOBER 25 TO 28.

ITALIAN CONGRESS OF SURGERY (at Padua).