

SYDNEY

Linnean Society of New South Wales, October 28. T. G. SLOANE: Notes on the Australian species of the family Paussidae. This paper has been prepared by H. J. Carter from notebooks of the late T. G. Sloane which are now in the Linnean Society's possession. Various groups of the genus *Arthropterus* are tabulated, and notes given on a number of species described in 1924 by H. Kolbe. Five species are described as new. H. M. R. RUFF: The genus *Pterostylis* (Orchidaceae). A new scheme of classification, with notes on the distribution of the Australian species. The primary sections are two in number, based upon the character of the labellum—laminated or filiform-terete. The latter section contains two species only, strikingly distinct from all others in other features besides the labellum. The much larger laminated section is divided first into subsections based upon the character of foliation. T. L. BANCROFT: Further observations on the rearing of *Ceratodus*. Attention is directed to the variations in size found in young fish of the same age and to the errors that may consequently appear in embryological work when length is used as an indication of age. LILLIAN FRASER: An investigation of the sooty moulds of New South Wales (1). Historical and introductory account. There are two types: (a) perennial moulds which develop on shrubs and trees, and (b) annual moulds which develop on annual herbs attacked by aphids and often precede the perennial moulds on trees and shrubs. G. H. HARDY: Miscellaneous notes on Australian Diptera (1). Thirteen species are described as new in various families of the Brachycera; generic keys are given to subfamilies Hermetiinae and Pachygasterinae, and a key to the genus *Pelecorrhynchus*. Two species of Scenopinidae are the first to be described from Australia.

Forthcoming Events

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

Saturday, March 3

ROYAL INSTITUTION, at 3.—Lord Rutherford: "The Transmutation of Matter" (succeeding lectures on March 10, 17 and 24).

Monday, March 5

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—D. Dilwyn John: "The Second Antarctic Commission of R.R.S. *Discovery*".

Tuesday, March 6

ROYAL SOCIETY OF ARTS, at 4.30.—Sir Wilfred Grenfell: "Newfoundland and Labrador".

Wednesday, March 7

ROYAL SOCIETY OF ARTS, at 8.—J. W. Ryde: "Electric Discharge Lamps".

ROYAL ENTOMOLOGICAL SOCIETY OF LONDON, at 8.—Prof. P. A. Buxton: "*Glossina* and Climate; Studies in the Laboratory".

Thursday, March 8

ROYAL SOCIETY, at 4.30.—Dr. J. Chadwick, Prof. P.M.S. Blackett and G. Occhialini: "Some Experiments on the Production of Positive Electrons".

G. Temple: "The Quantum Theory of the Neutron".

EAST LONDON COLLEGE, at 5.30.—Prof. J. Kendall: "Elements, Old and New".*

Friday, March 9

ROYAL SOCIETY OF ARTS.—D. G. Harris: "The Recent Progress of Irrigation in India".

ROYAL INSTITUTION, at 9.—Sir Claude Hill: "Society and Caste in the India of To-day".

INSTITUTE OF METALS, March 7–8.—Twenty-sixth annual general meeting to be held at the Institution of Mechanical Engineers, Storey's Gate, London, S.W.1. March 7, at 10.—Dr. H. Moore: Presidential Address.

Official Publications Received

GREAT BRITAIN AND IRELAND

Grading Rules and Standard Sizes for Empire Hardwoods intended for Shipment to the United Kingdom. Prepared by the Advisory Committee on Timbers, Imperial Institute. Pp. 17. (London: Imperial Institute.) 1s.

Lecture on "Electrometric Methods in Physical and Analytical Chemistry". By Dr. Samuel Glasstone. Pp. 39. The Chemist as a Directing Force in Industry. By Dr. Herbert Levinstein. (The Fifth S. M. Gluckstein Memorial Lecture, 1933.) Pp. 22. (London: Institute of Chemistry.)

Department of Scientific and Industrial Research. Report of the Water Pollution Research Board for the Year ended 30th June 1933; with Report of the Director of Water Pollution Research. Pp. iii+50. (London: H.M. Stationery Office.) 1s. net.

The Scientific Proceedings of the Royal Dublin Society. Vol. 21 (N.S.), No. 3: Abnormal Cones of *Fitzroya* and their Bearing on the Nature of the Conifer Strobilus. By Joseph Doyle and Mary O'Leary. Pp. 23-35+1 plate. (Dublin: Hodges, Figgis and Co.; London: Williams and Norgate, Ltd.) 1s. 6d.

OTHER COUNTRIES

The Indian Forest Records. Vol. 18, Part 13: Entomological Investigations on the Spike Diseases of Sandal. (12): The Life-History and Morphology of *Eurybrachys tomentosa* Fabr. Fulgoroidea (Homopt.). By N. C. Chatterjee. Pp. iv+26+2 plates. (Delhi: Manager of Publications.) 12 annas; 1s. 3d.

Bibliography of Lac. By A. C. Chatterjee. Pp. 129. 2.8 rupees. Bulletin No. 16: *Aspidiotus (Furcaspis) orientalis*. Newstead (Coccidae), its Economic Importance in Lac Cultivation and its Control. By P. M. Glover. Pp. 23+1 plate. 1.4 rupees. (Ranchi: Indian Lac Research Institute.)

Borough of Durban: Durban Museum and Art Gallery. Annual Report for Municipal Year, 1932-33. Pp. 12+4 plates. (Durban.) An Outline of the Physiography, Geology and Mineral Resources of Nyasaland, 1932. By Dr. F. Dixey. Pp. 34. (Zomba: Geological Survey Department.)

N.Z. Department of Scientific and Industrial Research. Bulletin No. 43: Report of the Hawke's Bay Earthquake (3rd February 1931). Pp. 116. 2s. Seventh Annual Report for the Year 1932-33. Pp. 82. 2s. 6d. (Wellington: Government Printer.)

Obras completas y correspondencia científica de Florentino Ameghino. Vol. 11: Ungulados, aves y desdentados. Dirigida por Alfredo J. Torcelli. Pp. 917. (Buenos Aires: El Gobierno de la Provincia de Buenos Aires.)

Report of the United States National Museum, 1933. (Part 2 of the Report of the Secretary of the Smithsonian Institution to the Board of Regents for the Fiscal Year ended June 30, 1933.) Pp. 69-194. (Washington, D.C.: Smithsonian Institution.)

The Nosu Tribes of West Szechwan: Notes on the Country and its Peoples and on the Diseases of the Region. By Dr. E. R. Cunningham, Dr. Leslie G. Kilborn, Dr. James L. Maxwell, Dr. W. B. Morse, Dr. Harrison J. Mullett and F. Dickinson. (Supplement to the *Chinese Medical Journal*.) Pp. iv+56+3 plates. (Shanghai: Henry Lester Institute.)

U.S. Department of the Interior: National Park Service. Fauna of the National Parks of the United States: a Preliminary Survey of Faunal Relations in National Parks. By George M. Wright, Joseph M. Dixon and Ben H. Thompson. (Contribution of Wild Life Survey, Fauna Series No. 1.) Pp. iv+157. 20 cents. History and Present Status of the Breeding Colonies of the White Pelican (*Pelecanus erythrorhynchos*) in the United States. By Ben H. Thompson. (Contribution of Wild Life Division, Occasional Paper No. 1.) Pp. vii+84. (Washington, D.C.: Government Printing Office.)

State of Connecticut: State Geological and Natural History Survey. Bulletin No. 52: Fifteenth Biennial Report of the Commissioners of the State Geological and Natural History Survey, 1931-1932. (Public Document No. 47.) Pp. 24. (Hartford, Conn.)

U.S. Department of the Interior: Office of Education. Bulletin, 1933, No. 12: The Education of Native and Minority Groups: a Bibliography, 1923-1932. By Katherine M. Cook and Florence E. Reynolds. Pp. v+57. (Washington, D.C.: Government Printing Office.) 5 cents.

CATALOGUES

Anepidem: for the Treatment of Influenza and the Common Cold. Pp. 2. Radio-Malt: the Vitamin Malt Food containing Standardised Amounts of Vitamins A, B₁, B₂, and D. Pp. 10. Radiostoleum (Standardised Vitamins A and B). Pp. 4. (London: The British Drug Houses, Ltd.)

Scientia Naturalis ante annum 1800. Pp. 60. (Berlin: W. Junk.)