

C. Barnard: Note on a dicotyledonous fossil wood from Uladulla, N.S.W. The specimen was obtained from the 'Silica' beds (Lower Tertiary) at Bannister Head, near Uladulla, and is a piece of silicified wood. In structure the wood is that of a typical dicotyledon, and shows a very close agreement with that of the Saxifragaceæ, in which it is tentatively placed.—C. T. Musson and the late J. J. Fletcher: On a case of natural hybridism in the genus *Grevillea* (Proteaceæ). The flora of the higher portion of the Blue Mountains includes two species, *G. laurifolia* Sieb. and *G. acanthifolia* A.C., the plants of which differ markedly in many respects. Though belonging to different plant associations they frequently grow quite near each other under conditions that are often ideal for tempting birds to pass directly from the flowers of one species to those of the other. When these conditions prevail, certain rare and little known forms possessing intermediate characters are sometimes found.

Official Publications Received.

BRITISH.

- British Museum (Natural History). Picture Postcards. Set E49: Mimicry in Insects, Series No. 1. 5 cards in colour. 1s. Set E50: Mimicry in Insects, Series No. 2. 5 cards in colour. 1s. (London: British Museum (Natural History).)
- Experimental Researches and Reports published by the Department of Glass Technology, the University, Sheffield. Vol. 9, 1926. Pp. iii+324. (Sheffield.)
- Transactions of the Royal Society of Edinburgh. Vol. 55, Part 2, No. 12: The Structure of the Disturbed Deposits of Møges Klint, Denmark. By Dr. George Slater. Pp. 289-302+1 plate. 2s. Vol. 55, Part 2, No. 13: The Disturbed Glacial Deposits in the neighbourhood of Loustrup, near Hjørring, North Denmark. By Dr. George Slater. Pp. 303-305+2 plates. 2s. 6d. (Edinburgh: Robert Grant and Son; London: Williams and Norgate, Ltd.)
- Journal of the Institute of Actuaries Students' Society. Vol. 3, No. 1. Pp. 72. (London: C. and E. Layton.) 3s.
- The Opening of the Safety in Mines Research Station, Buxton, by the Viscount Chelmsford, 14th June 1927. Pp. 4+12 plates+32. (London: Safety in Mines Research Board.)
- The Kent Incorporated Society for Promoting Experiments in Horticulture. Annual Report (Thirteenth Year) 1925. 2: Supplement. East Malling Research Station. Pp. 160+20 plates. (East Malling.) 5s. 6d.
- Discovery Expedition. First Annual Report, 1926. Pp. 10+3 plates. (London: H.M. Stationery Office.) 1s. 6d. net.
- Norman Lockyer Observatory. Director's Annual Report, April 1, 1926-March 31, 1927. Pp. 8. (Sidmouth.)
- The Official Guide to Twickenham. Fourth edition. Issued by Authority of the Twickenham Corporation and the Twickenham and St. Margaret's Chamber of Commerce. Pp. 72. (London and Cheltenham: Ed. J. Burrow and Co., Ltd.)
- Annual Report of the Calcutta School of Tropical Medicine, Institute of Hygiene and the Carmichael Hospital for Tropical Diseases, 1926; also a Brief History of the School and a Report for the Years 1920-1926. Pp. vi+152+27 plates. (Calcutta: Bengal Government Press.)
- Memoirs of the Queensland Museum. Vol. 9, Part 1, April 28th. Pp. 126+17 plates. (Brisbane: Anthony James Cumming.)
- Review of Agricultural Operations in India, 1925-26. By Dr. D. Clouston. Pp. v+152+10 plates. (Calcutta: Government of India Central Publications Branch.) 2.6 rupees; 4s. 3d.
- Union of South Africa: Department of Agriculture. Bulletin No. 12: The Financial Side of Dairy Farming. By E. W. Sampson. Parts 1-5. Pp. 43. 6d. Bulletin No. 15: A Simple and Successful Septic Tank. By E. J. Van Meerten. Pp. 11. (Pretoria: Government Printing and Stationery Office.)
- The Ross Institute and Hospital for Tropical Diseases (Incorporated), Putney Heath, London, S.W.15. Annual Report and Accounts for 1926. Pp. 36. (London.)
- Malaria-Control in Malaya and Assam: a Visit of Inspection, 1926-27. By Sir Ronald Ross. Pp. 31. (London: Ross Institute and Hospital for Tropical Diseases.)
- Empire Cotton Growing Corporation. Report of the Sixth Annual General Meeting. Pp. 18. (London.)
- The Journal of the Institution of Electrical Engineers. Edited by P. F. Rowell. Vol. 65, No. 366, June. Pp. 553-652+xxx. (London: E. and F. N. Spon, Ltd.) 10s. 6d.
- Quarterly Journal of the Royal Meteorological Society. Vol. 53, No. 222, April. Pp. 97-200. 7s. 6d. Supplement to Vol. 53: The Meteorology of Solar Eclipses. By E. W. Barlow. Pp. 24. 2s. 6d. (London: Edward Stanford, Ltd.)
- British Museum (Natural History). Picture Postcards. Set F18: British Orchids, Series No. 3. 5 cards in colour. 1s. Set F19: British Orchids, Series No. 4. 5 cards in colour. 1s. Set F20: British Orchids, Series No. 5. 5 cards in colour. 1s. Set F21: British Orchids, Series No. 6. 5 cards in colour. 1s. (London: British Museum (Natural History).)
- Journal of the Royal Microscopical Society. Series 3, Vol. 47, Part 2, June. Pp. 14+97-207. (London.) 10s. net.

Natural Science in Adult Education. Paper No. 8 of the Adult Education Committee. Pp. vi+54. (London: H.M. Stationery Office.) 6d. net.

Committee on Bird Sanctuaries, Royal Parks, England. Report for 1926. Pp. 15. (London: H.M. Office of Works.)

FOREIGN.

U.S. Department of Agriculture. Farmers' Bulletin No. 1521: Propagation of Game Birds. By W. L. McAtee. Pp. ii+57. (Washington, D.C.: Government Printing Office.) 10 cents.

Department of Commerce: U.S. Coast and Geodetic Survey. Serial No. 376: Geodetic Level and Rod. By D. L. Parkhurst. (Special Publication No. 129.) Pp. 12. (Washington, D.C.: Government Printing Office.)

Proceedings of the American Academy of Arts and Sciences. Vol. 62, No. 3: The Ants of the Canary Islands. By William Morton Wheeler. Pp. 93-120+3 plates. 75 cents. Vol. 62, No. 4: The Ants of Lord Howe Island and Norfolk Island. By William Morton Wheeler. Pp. 121-153. 50 cents. (Boston, Mass.)

Ministry of Public Works, Egypt: Physical Department. Meteorological Report for the year 1921. Pp. xv+162. (Cairo: Government Publications Office.) 40 P.T.

Statens Meteorologisk-Hydrografiska Anstalt. Årsbok, 8, 1926. ii: Nederbörden i Sverige. Pp. 159. (Stockholm.) 5 kr.

CATALOGUES.

Planetable Surveying Equipment. Pp. 12. (London: Cooke, Troughton and Sims, Ltd.)

Mathematical Models according to the Collection of Messrs. Weiner and Treutlein. Pp. 20. (Manchester and London: G. Cussons, Ltd.)

Clinical Pathology and the Use of Stains: with Price List of Standard Microscopic Stains. Second Impression. Pp. 16. (London: The British Drug Houses, Ltd.)

Diary of Societies.

MONDAY, JUNE 27.

ROYAL IRISH ACADEMY, at 4.15.

TUESDAY, JUNE 28.

ROYAL DUBLIN SOCIETY, at 4.15.—J. Wilson: Lord Morton's Quagga-Horse Hybrid: Was it a Hybrid?—J. Reilly and G. Fyne: A Modified Micro-method for Molecular Weight Determination.

ROYAL ANTHROPOLOGICAL INSTITUTE, at 8.30.—Prof. V. Gordon Childe: The Egean and the Danube Valley in the Second Millennium B.C.

WEDNESDAY, JUNE 29.

INSTITUTION OF MINING ENGINEERS (in Lecture Theatre of the North of England Institute of Mining and Mechanical Engineers, Newcastle-upon-Tyne), at 10.30 A.M.—G. Raw: Notes on the Overhead Keop Wind-Plant at the Merton Colliery of the South Hetton Coal Company, Ltd.—K. C. Appleyard: The Cleaning of Coal by Means of Pneumatic Separators, with Special Reference to the Sutton Steele and Steele Process.—W. D. Lloyd and Dr. J. N. Williamson: Experiments on the Reversal of Mine Ventilation.—Prof. H. Briggs, with an Appendix by Dr. J. Morrow: An Attempt at the Rationale of Faulting and Subsidence.—S. Walton-Brown: The Driving of Narrow Places.—J. I. Graham and A. Shaw: The Composition of Firedamp.—The following papers will be submitted for further discussion:—Miners' Nystagmus, Dr. F. Ferguson; Miners' Nystagmus, Dr. J. S. Haldane and Dr. T. L. Llewellyn; The Construction of Flame Safety-lamps, Dr. R. V. Wheeler and D. W. Woodhead.

ROYAL SOCIETY OF ARTS (Annual General Meeting), at 4.

THURSDAY, JUNE 30.

ROYAL SOCIETY, at 4.30.—A. V. Hill, K. Furusawa, and J. L. Parkinson: The Dynamics of 'Sprint' Running.—A. V. Hill, K. Furusawa, and J. L. Parkinson: The Energy used in 'Sprint' Running.—T. S. P. Strangeways and Honor B. Fell: A Study of the Direct and Indirect Action of X-Rays upon the Tissues of the Embryonic Fowl (communicated by Sir William Hardy).—R. G. Canti and F. G. Spear: The Effect of Gamma Irradiation on Cell Division in Tissue Culture *in vitro* (communicated by Sir Frederick Andrews).—And other papers.

RÖNTGEN SOCIETY (at Royal Society of Medicine), at 8.—Sir Humphry Rolleston, Bart.: Protection and Other Radiological Problems (Mackenzie Davidson Memorial Lecture).

INSTITUTION OF MINING ENGINEERS (in Lecture Theatre of the North of England Institute of Mining and Mechanical Engineers, Newcastle-upon-Tyne), at 9.45 A.M.

FRIDAY, JULY 1.

GEOLOGISTS' ASSOCIATION (at University College, Gower Street, W.C.1), at 7.30.—Sir John S. Flett: The Geology of the Edinburgh District (Lecture).

INSTITUTION OF MINING ENGINEERS (at Newcastle-upon-Tyne).

SATURDAY, JULY 2.

INSTITUTION OF MUNICIPAL AND COUNTY ENGINEERS (North-Western District Meeting) (at Town Hall, St. Anne's on Sea), at 10.30 A.M.

PHYSIOLOGICAL SOCIETY (at Oxford).

ROYAL SOCIETY OF MEDICINE (Disease in Children Section) (Provincial Meeting at Royal Alexandra Hospital for Sick Children, Dyke Road, Brighton).

CONFERENCE.

JUNE 30 TO JULY 2.

NATIONAL ASSOCIATION FOR THE PREVENTION OF TUBERCULOSIS (at British Medical Association House, Tavistock Square, W.C.1).