

Conseil Permanent International pour l'Exploration de la Mer, Journal du Conseil. Rédigé par E. S. Russell. Vol. 3, No. 1, Avril. Pp. 131. (Copenhague: Andr. Fred. Høst et fils.) 4.50 kr.

Peking Society of Natural History. Bulletin, Vol. 1, Parts 2 and 3: Chinese Birds, by Wilder, Gee and Moffett; and Yearly Proceedings with Reports. Pp. ix-xii+145-370+8. (Peking.)

Regenwaarnemingen in Nederlandsch-Indië. Achten veertigste Jaargang, 1926. Pp. ii+133. (Wetverreden: Landsdrukkerij.)

The Eugenic Aspects of Deportation. Hearings before the Committee on Immigration and Naturalization, House of Representatives. Seventieth Congress, First Session, February 21, 1928 (including Testimony taken April 28, 1926, with eight Appendices). Statement of Dr. Harry H. Laughlin. Pp. ii+84. (Washington, D.C.: Government Printing Office.)

Ministry of Finance, Egypt: Coastguards and Fisheries Service. Report on the Fisheries of Egypt for the Year 1926. By El Miralai Ahmed Fouad Bey. Translated from the Arabic by Selim Eff. Khoury. Pp. x+91. (Cairo: Government Publications Office.) 5 P.T.

Smithsonian Miscellaneous Collections. Vol. 80, No. 7: The Aboriginal Population of America North of Mexico. By James Mooney. (Publication 2955.) Pp. 40. (Washington, D.C.: Smithsonian Institution.)

Smithsonian Institution: United States National Museum. Contributions from the United States National Herbarium, Vol. 27: Flora of the Panama Canal Zone. By Paul C. Standley. Pp. x+416+67 plates. (Washington, D.C.: Government Printing Office.) 75 cents.

Smithsonian Institution: United States National Museum. Bulletin 142: Life Histories of North American Shore Birds. Order Limicolae (Part 1). By Arthur Cleveland Bent. Pp. ix+420+55 plates. (Washington, D.C.: Government Printing Office.) 85 cents.

Department of the Interior: U.S. Geological Survey. Professional Paper 150-C: A Section of the Kaibab Limestone in Kaibab Gulch, Utah. By L. F. Noble. (Shorter Contributions to General Geology, 1927.) Pp. ii+41-60+plates 12-14. Bulletin 795-G: Phosphate Rock in the Three Forks-Yellowstone Park Region, Montana. By D. Dale Condit, E. H. Finch and J. T. Pardee. (Contributions to Economic Geology, 1927. Part 1.) Pp. iv+147-209+plates 10-12. Bulletin 795-H: A Manganese Deposit of Pleistocene Age in Bannock County, Idaho. By D. F. Hewett. (Contributions to Economic Geology, 1927, Part 1.) Pp. ii+211-221. Bulletin 796-C: Geology and Coal Resources of the Salina Canyon District, Sevier County, Utah. By Edmund M. Spieker and Arthur A. Baker. (Contributions to Economic Geology, 1927, Part 2.) Pp. iv+125-170+plates 19-22. 15 cents. Bulletin 796-D: Geology and Oil and Gas Possibilities of the Bell Springs District, Carbon County, Wyoming. By C. E. Dobbins, H. W. Hoots and C. H. Dane. (Contributions to Economic Geology, 1927, Part 2.) Pp. iv+171-201+plates 23-27. (Washington, D.C.: Government Printing Office.)

Bulletin of the Bingham Oceanographic Collection. Scientific Results of the First Oceanographic Expedition of the *Pawnee*, 1925. Vol. 1, Art. 3: Mollusca from Tropical East American Seas. By Lee Boone. Pp. 20. Vol. 1, Art. 4: Echinodermata from Tropical East American Seas. By Lee Boone. Pp. 22+8 plates. Vol. 1, Art. 5: Coelenterata from Tropical East American Seas. By Lee Boone. Pp. 8+3 plates. Scientific Results of the Second Oceanographic Expedition of the *Pawnee*, 1926. Vol. 2, Art. 1: Elasmobranchii from Panama to Lower California. By C. M. Breder, Jr. Pp. 13+9 plates. Vol. 2, Art. 3: Nematognathi, Apodes, Isospondyli, Syntognathi and Thoracostraci from Panama to Lower California; with a Generic Analysis of the Exocoetidae. By C. M. Breder, Jr. Pp. 25. (New Haven, Conn.: Bingham Oceanographic Collection, Peabody Museum of Natural History.)

CATALOGUE.

Bulletin des Publications nouvelles. 3^e et 4^e trimestres, 1927. Pp. 80. (Paris: Gauthier-Villars et Cie.)

Diary of Societies.

SATURDAY, APRIL 21.

NORTH OF ENGLAND INSTITUTE OF MINING AND MECHANICAL ENGINEERS (Newcastle-upon-Tyne), at 2.30.—Dr W. Cullen: Some Notes on Quarrying by the Well Drill Method.—R. J. Weeks: A Few Notes on an Explosion of Gunpowder.—Discussions on Electric Mine Lamps and Better Lighting, W. Maurice; A New Gas Detecting Miners' Electric Lamp, Prof. W. M. Thornton; and Notes on High Candle-power Lamps, H. Staples.

MINING INSTITUTE OF SCOTLAND (Annual General Meeting) (at Royal Technical College, Glasgow), at 3.—J. A. B. Horsley: Design and Maintenance of Flame-Proof Enclosures, with Special Reference to Coal Face Machinery.—Discussions on Supporting Underground Roadways with Steel Arches, D. C. Gemmill; and Life Saving in Colliery Explosions and Fires, T. A. Southern.

MONDAY, APRIL 23.

INSTITUTE OF MECHANICAL ENGINEERS (Graduates' Section, London), at 6.30.—H. Heywood: Pulverised Coal Systems.

INSTITUTE OF ELECTRICAL ENGINEERS (North-Eastern Centre) (at Armstrong College, Newcastle-upon-Tyne), at 7.—Annual General Meeting.

ROYAL INSTITUTE OF BRITISH ARCHITECTS, at 8.—H. S. G. Rendel: The Work of Temple Moore.

ROYAL SOCIETY OF ARTS, at 8.—A. G. Huntley: Applied Architectural Acoustics (Dr. Mann Lectures) (II).

ROYAL SOCIETY OF MEDICINE (Odontology Section), at 8.—Dr. A. Livingston: Further Experiments on the Permeability of Enamel.—W. Rushton: Injection of Alcohol for Neuralgia and its Sequel.—L. Payne: A Paste for Obtunding Hyper-sensitive Dentine.

ROYAL GEOGRAPHICAL SOCIETY (at Eolian Hall), at 8.30.—F. Rodd: Journeys among the Southern Tuareg.

TUESDAY, APRIL 24.

ROYAL DUBLIN SOCIETY (at Ball's Bridge, Dublin), at 4.15.—Dr. J. H. J. Poole: A Simple Form of Photo Electric Photometer using a Neon Lamp to Measure the Current.

ILLUMINATING ENGINEERING SOCIETY (at Home Office Industrial Museum, Horseferry Road, Westminster), at 6.—J. S. Dow and others: Discussion on Daylight, Artificial Light, Artificial Daylight: their Merits and Drawbacks.

ROYAL PHOTOGRAPHIC SOCIETY OF GREAT BRITAIN (Kinematograph Group), at 7.—G. Malin: A Motor Cycle World Tour.

ROYAL ANTHROPOLOGICAL INSTITUTE, at 8.30.—M. C. Burkitt: South Africa's Past in Stone and Paint.

WEDNESDAY, APRIL 25.

NEWCOMEN SOCIETY FOR THE STUDY OF THE HISTORY OF ENGINEERING AND TECHNOLOGY (in Prince Henry's Room, 17 Fleet Street), at 5.30.—L. F. Loree: Steamers of Lake Champlain, 1809 to Present Day.

INSTITUTE OF CIVIL ENGINEERS (Annual General Meeting of Association of London Students), at 6.30.

INSTITUTE OF ELECTRICAL ENGINEERS (South Midland Centre) (Annual General Meeting) (at University, Birmingham), at 7.—Sir Oliver Lodge: The Revolution in Physics (Kelvin Lecture).

ROYAL SOCIETY OF ARTS, at 8.—Dr. J. M. Ritchie: The Education and Training of the Blind.

EUGENICS SOCIETY (at Royal Society), at 8.30.—Dr. Feldman: Eugenics in Ancient Hebrew Literature.

BRITISH PSYCHOLOGICAL SOCIETY (Medical Section) (at Royal Anthropological Institute), at 8.30.—Drs. E. A. Bennet, D. Bryan, and T. A. Ross: Symposium on Fugue states. Discussion opened by Dr. T. W. Mitchell.

BRITISH ASTRONOMICAL ASSOCIATION (at Sion College, Victoria Embankment).

THURSDAY, APRIL 26.

LONDON MATHEMATICAL SOCIETY (at Royal Astronomical Society), at 5.—A. Besicovitch and H. Bohr: On Almost Periodic Properties of Translation Numbers.—W. L. Ferrar: Conditionally Convergent Double Series.—R. M. Gabriel: An Additional Proof of a Theorem on Rearrangements.—Margaret E. Grimshaw: A Contribution to the Theory of Uniqueness of Representation by Trigonometrical Integrals.—Prof. A. E. H. Love: Biharmonic Analysis especially in a Rectangle and its Applications to the Theory of Elasticity.—S. W. P. Steen: On Fermat's Last Theorem.—C. T. Preece: Theorems stated by Ramanujan. (I.) Theorems on Integrals.—Prof. G. N. Watson: Theorems stated by Ramanujan. (II.) Theorems on Summation of Series.—Rosalind C. Young: On Riemann Integration with respect to an Additive Function of Sets.

ROYAL AERONAUTICAL SOCIETY (at Royal Society of Arts), at 6.30.—C. Dornier: Flying Boats.

INSTITUTE OF CIVIL ENGINEERS (Yorkshire Association) (at Hotel Metropole, Leeds).—C. J. Chaplin: Railway Construction in the Pyrenees.

FRIDAY, APRIL 27.

ROYAL SANITARY INSTITUTE (at Guildhall, Worcester), at 4.—C. C. Duncan and others: Discussion on River Pollution.—Dr. M. Read and others: Discussion on Infant Mortality in Worcester from 1895 to 1925.

PHYSICAL SOCIETY (at Imperial College of Science), at 5.—Prof. W. C. Baker: Experiments with Mercury Jets and the Phenomena exhibited at their Impact with Steel and Glass.—E. P. Perman and W. D. Urry: The Elastic Constants of Glass.—G. E. Bell: A Valve-maintained High-frequency Induction Furnace and some Notes on the Performance of Induction Furnaces.

INSTITUTE OF ELECTRICAL ENGINEERS (London Students' Section) (Annual General Meeting), at 6.15.—R. A. Brockbank: Super Tension Cables.

INSTITUTE OF MECHANICAL ENGINEERS (Informal Meeting), at 7.—J. C. Armstrong and others: Pulverised Fuel in Locomotive Furnaces.

INSTITUTE OF ELECTRICAL ENGINEERS (at Newcastle-on-Tyne), at 7.30.—E. T. Williams: The Electrical Equipment of the Singapore Floating Dock.

JUNIOR INSTITUTE OF ENGINEERS (Informal Meeting), at 7.30.—C. H. Plant: The Manufacture of Structural Steel, etc.

ROYAL SOCIETY OF MEDICINE (Electro-Therapeutics Section), at 8.30.—Dr. R. W. A. Salmond: Observations on the Movements of the Duodenal Contents, with Special Reference to Antiperistalsis and Pyloric Regurgitation.—Dr. Bathurst: Treatment of Incontinence in Women.

ROYAL INSTITUTE OF GREAT BRITAIN, at 9.—Prof. A. M. Tyndall: Carriers of Electricity in the Atmosphere.

INSTITUTE OF ELECTRICAL ENGINEERS (Scottish Centre) (at Forrester's Hall, Dundee).—Dr. S. Z. de Ferranti: Electricity in the Service of Man (Faraday Lecture).

SATURDAY, APRIL 28.

ROYAL SANITARY INSTITUTE (at Guildhall, Worcester), at 10 a.m.—T. Calk and others: Discussion on The Worcester Activated Sludge Plant.

NORTH OF ENGLAND INSTITUTE OF MINING AND MECHANICAL ENGINEERS (Associates and Students' Section) (jointly with Students' Sections of North-East Coast Institution of Engineers and Shipbuilders, and Institution of Electrical Engineers) (at Neville Hall, Newcastle-upon-Tyne), at 3.—L. H. Forster: Notes on Main Pumping.

PUBLIC LECTURES.

THURSDAY, APRIL 26.

BIRKBECK COLLEGE, at 5.30.—Prof. P. Debye: The Electrical Theory of Molecular Constitution. (Succeeding Lectures on April 27 and 30.)

KING'S COLLEGE, at 5.30.—Dr. K. Bèlar: The Mechanism of Mitosis.