The Oxford Country. Its Attractions and Associations described by Several Authors. Collected and arranged by R. T. Günther. Pp. xvi + 319. (London:

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Science of the sea. An Elementary Handbook of Practical Oceanography for Travellers, Sailors, and Yachtsmen. Edited by Dr. G. H. Fowler. Pp. xviii+452. (London: J. Murray.) 6s. net.

Department of Applied Statistics, University College, University of London. Drapers' Company Research Memoirs. Biometric Series VIII.—Mathematical Contributions to the Theory of Evolution, XVIII. On a Novel Method of Regarding the Association of Two Variates classed solely in Alter-ANIII. On a Novel Method of Regarding the Association of Two Variates classed solely in Alternate Categories. By K. Pearson. Pp. 29+2 plates. (London: Dulau and Co., Ltd.) 4s. net.

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Allgemeine Biologie. By Prof. O. Hertwig.

Vierte Auflage. Pp. xviii+787. (Jena: G. Fischer.)

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North Sea Fisheries Investigation Committee. Fourth Report (Southern Area) on Fishery and Hydrographical Investigations in the North Sea and Adjacent Waters, 1909. Pp. ix+497+8 charts. (London: H.M.S.O.; Wyman and Sons, Ltd.; and others.) 13s.

DIARY OF SOCIETIES.

THURSDAY, JUNE 13.

THURSDAY, JUNE 13.

ROYAL SOCIETY, at 4.30.—An Expansion Apparatus for making Visible the Tracks of Ionizing Particles in Gases, and some Results obtained by its Use: C. T. R. Wilson.—A Chemically Active Modification of Nitrogen, produced by the Electric Discharge, IV.: Hon. R. J. Strutt.—(1) On the Series Lines in the Arc Spectrum of Mercury. (2) On the Constitution of the Mercury Green Line λ=5461 AU and on the Magnetic Resolution of its Satellites by an Echelon Grating: Prof. J. C. McLennan.—(1) On the Convergence of certain Series involving the Fourier Constants of a Function. (2) On Classes of Summable Functions and their Fourier Series: Prof. W. H. Young.—The Number of β Particles emitted in the Transformation of Radium: H. G. Y. Moseley.—Portland Experiments on the Flow of Oil in Pipes: S. D. Carothers.—On a Form of the Solution of Laplace's Equation suitable for Problems relating to two Spheres: G. B. leffery.—On the Emission Velocities of Photo-Electrons: A. Ll. Hughes.

FRIDAY, JUNE 14.

ROVAL INSTITUTION, at 9.-Unknown Parts of South America: A. H

ROVAL INSTITUTION, at 9.—Unknown Parts of South America: A. H. Savage Landor.

Geologists' Association, at 8.—The Geology of West Mayo and Sligo, with special reference to the August Long Excursion: Prof. G. A. J. Cole. Roval Astronomical Society, at 5.—On Librating Planets, and on a New Family of Periodic Orbits: Sir G. H. Darwin.—The Sidereal System, revised in 1912: "axwell Hall.—Observation of the Spectrum of Nova Geminorum: L. Becker.—Micrometrical Measures of Double Stars: Rev. T. E. R. Phillips.—Probable Papers: Note on the Spectrum of Nova Geminorum, April 24, 1912: Rev. A. L. Cortie.—Further Observations of the New Star in Gemini: A. A. Rambaut.—Occultation Results, January-April, 1912: M. E. J. Gheury.

Physical. Society, at 8.—Demonstration of a Method of Determining very small Differences of Density: T. H. Blakesley.—The Maximum Sensibility of a Duddell Vibration Galvanometer: Dr. F. H. Haworth.—An Accurate Examination of the Steinmetz Index for Transformer Iron, Stalloy and Cast Iron: F. Stroude:

Malacological Society, at 8.—On a collection of Molluscs collected by Mr. E. Jacobson in Java: M. M. Schepman.—Description of Thirty-three New Species of Gastropoda from the Persian Gulf, Gulf of Oman, and Arabian Sea: J. Cosmo Melvill.—Note on the Generic Name Pectunculus: Wm. H. Dall.—Note on Ianthina species: Tom Iredale.—Egyptian Non-marine Molluscs: Maxwell Smith.

MONDAY, JUNE 17.

VICTORIA INSTITUTE, at 4.30.—Annual Address: Sir Andrew Wingare, K.C.I.E.

SOCIETY OF CHEMICAL INDUSTRY, at 8.—The Production and Polymerisation of Isoprene and its Homologues: W. H. Perkin.—A Hand Photometer: W. J. Dibdin.—The Oxidation of the Drying Oils: J. Newton Friend and W. J. Davison.

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TUESDAY, JUNE 18.

ROVAL STATISTICAL SOCIETY, at 5.—The Measurement of Employment —an Experiment: A. L. Bowley.

MINERALOGICAL SOCIETY, at 5.30.—The Isomorphism of the Acid Tartrates and Tartar-emetics of Potassium, Rubidium and Cæsium; T. V. Barker.—On Topaz and Beryl from the Granite of Lundy Island; W. F. P. McLintock and T. C. F. Hall.—On the Rathite Group: R. H. Solly. On the Minerals of the Nakhla Meteorite: Dr. G. T. Prior.—Note on the Occurrence of Cassiterite and Strüverite in Perak; J. B. Scrivenor.

WEDNESDAY, JUNE 19.

GEOLOGICAL SOCIETY, at 8.—The Discovery of a Fossil-bearing Horizon in the Permian Rocks of Hamstead Quarries, near Birmingham: W. H. Hardaker.—On the Geology and Palæontology of the Warwickshire Coalfield: R. D. Vernon.

ROVAL METEOROLOGICAL SOCIETY, at 4-30.—The Adoption of a Climatological Day: Walter W. Bryant.—A Three-year Period in Rainfall; Arthur Pearse Jenkin.

ROYAL MICROSCOPICAL SOCIETY, at 8 .- Notes on Pollen: The Rt. Hon. Lord Avebury.—Demonstrations of a method of obtaining Frozen Sections after Embedding in Gelatin: Dr. J. F. Gaskell.—On some New Astrorhizidæ and their Structure: Heron Allen and A. Earland.

THURSDAY, JUNE 20.

THURSDAY, June 20.

ROYAL SOCIETY, at 4-30.—Probable Papers: An Investigation into the Life-history of Cladothrix dichotoma (Cohn): Dr. D. Ellis.—The Relation of Secretory and Capillary Pressure. I. The Salivary Secretion: Leonard Hill and M. Flack.—The Origin and Destiny of Cnolesterol in the Animal Organism. Part IX. On the Cholesterol Content of the Tissues other than Liver of Rabbits under Various Diets and during Inanition: G. W. Ellis and J. A. Gardner.—A Note on the Protozoa from Sick Soils, with some Account of the Life-cycle of a Flagellate Monad: C. H. Martin.—Further Observations on the Variability of Streptococi in Relation to Certain Fermentation Tests, tog-ther with some considerations bearing upon its possible meaning: E. W. A. Walker.—The Chemical Action on Glucose of a Variety of B. coli communis (Escherich) obtained by cultivation in presence of a Chloroacetate (Preliminary notice): A. Harden and W. J. Penfold.—The Action of Enzymes on Hexosephosphate: V. I. Harding.—The Oxydases of Cytisus Adami: Prof. F. W. Keeble and Dr. E. F. Armstrong.

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