

Earthwork Haul and Overhaul, including Economic Distribution. By J. C. L. Fish. Pp. xiv + 165. (New York: J. Wiley and Sons; London: Chapman and Hall, Ltd.) 6s. 6d. net.

DIARY OF SOCIETIES.

THURSDAY, MAY 1.

ROYAL SOCIETY, at 4.—Election of Fellows. At 4.30.—The Capacity for Heat of Metals at Different Temperatures: Prof. E. H. Griffiths and Ezer Griffiths.—The Transition from the Elastic to the Plastic State in Mild Steel: A. Robertson and G. Cook.—Studies of the Processes Operative in Solutions. XXVIII. The Influence of Acids on the Rotatory Power of Cane Sugar, of Glucose and of Fructose: F. P. Worley.—The Attainment of High Potentials by the Use of Radium: H. G. J. Moseley.—The Decrease in Velocity of  $\alpha$  Particles in passing through Matter: E. Marsden and Dr. T. S. Taylor.  
ROYAL INSTITUTION, at 3.—The Progress of Hittite Studies. III. Cults of Northern Syria: Prof. J. Garstang.  
INSTITUTION OF ELECTRICAL ENGINEERS, at 8.—The Use of the Electrostatic System for the Measurement of Power: C. C. Paterson, E. H. Rayner, and A. Kinnes.  
LINNEAN SOCIETY, at 8.—The Structure of the Wood of East Indian Species of Pinus: Prof. P. Groom and W. Rushton.—Branching Specimens of *Lyginodendron oldhamium*, Will: Dr. Winifred Brencley.—A Problem in Weismannism: A. C. F. Morgan.—Note on *Sphenopus marsupialis*: Mrs. L. J. Wilmore.—Polychæta of the Indian Ocean, with some Species from the Cape Verde Islands—The Serpulidæ, with a Classification of the Genera Hydroides and Eupomatus: Miss Helen L. M. Pixell.—Report on the Arachnida of the Seychelles: S. Hirst.—*Gypsina plana*, Carter: Miss Marjorie Lindsay.—Nitidulæ, Heterocidæ: A. Grouvelle.—Pselaphidæ de l'Archipel des Seychelles: A. Raffray.—Anthrhidæ of the Seychelles: Dr. K. Jordan.—Hispiinæ from the Seychelles: S. Maulik.

FRIDAY, MAY 2.

ROYAL INSTITUTION, at 9.—Blood Parasites: H. G. Plimmer.  
GEOLOGISTS' ASSOCIATION, at 8.—The Farnham Gravel Beds in Relation to Palæolithic Man: H. Bury.

SATURDAY, MAY 3.

BRITISH PSYCHOLOGICAL SOCIETY, at 3.30.—Notes on a Case of Morphomania: Dr. F. Aveling.—Wonder, Fascination, and Curiosity: Prof. Carveth Read.—A New Tachistoscope: Prof. C. Spearman.  
ESSEX FIELD CLUB (at the Essex Museum of Natural History, Stratford), at 6.—Annual Meeting.—*Dalyellia diadema*, a Turbellarian New to Britain: H. Whitehead.—Prehistoric Art: S. Hazledine Warren.

MONDAY, MAY 5.

SOCIETY OF ENGINEERS, at 7.30.—Tidal Waters as a Source of Power: C. A. Battiscombe.  
ROYAL SOCIETY OF ARTS, at 8.—Antiseptics and Disinfectants: Dr. D. Sommerville.  
ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—Frontier Work on the Bolivia-Brazil Boundary: Capt. H. A. Edwards.  
ARISTOTELIAN SOCIETY, at 8.—The Notion of the Truth in Bergson's Theory of Knowledge: Miss L. S. Stebbing.  
SOCIETY OF CHEMICAL INDUSTRY, at 8.—The Methods and Apparatus used in Petroleum Testing. II. Viscometry: W. F. Higgins.—(1) The Ore Deposits of Hu-Nan and Hu-Peh; (2) Experiments on the Hydrometallurgical Treatment of Slimes: W. R. Schoeller.—Hydrazinol Nitrate: W. R. Hodgkinson.

TUESDAY, MAY 6.

ROYAL INSTITUTION, at 3.—(1) Recent Physiological Inquiries; (2) Equilibrium and the Sixth Sense: Prof. W. Stirling.  
ZOOLOGICAL SOCIETY, at 8.30.—Contributions to the Anatomy and Systematic Arrangement of the Cestoidea. X. Two Species of Tapeworms from *Genetta dongolana*: Dr. F. E. Beddard.—Pacific Salmon: an Attempt to Evolve something of their History from an Examination of their Scales: J. A. Milne.—Note on *Peripatoides woodwardii*, Bouvier: Kathleen Haddon.—Field-observations on the Enemies of Butterflies in Ceylon: J. C. F. Fryer.  
ROYAL ANTHROPOLOGICAL INSTITUTE, at 8.15.—Some Recent Work on Post-glacial Geology and Anthropology: Rev. Dr. A. Irving.  
VICTORIA INSTITUTE, at 4.40.—The Origin of Life: What do we know of it?: Prof. G. Sims Woodhead.  
RÖNTGEN SOCIETY, at 8.15.—Theory and Practice in Ray Therapeutics. Dr. H. Johnson.—Demonstration of a New X-Ray Couch: Dr. Hampson.

WEDNESDAY, MAY 7.

SOCIETY OF PUBLIC ANALYSTS, at 8.—A New Apparatus for Maintaining Constant Temperatures: F. H. Dupré and P. V. Dupré.—The Proportionate Determination of Coconut Oil and Palm Kernel Oil in Mixtures: H. R. Burnett and C. Revis.—The Composition of Milk.—H. D. Richmond.—Examination of the Oils from *Manihot ceara* and *Funtumia elastica* and a Comparison of their Properties with those of Linseed and Hevea Oils: Dr. Rideal and L. H. D. Acland.—The Recovery of Iodine from Residues: H. W. Gill.  
AÉRONAUTICAL SOCIETY, at 8.30.—Atmospheric Waves, Eddies and Vortices: Col. H. E. Rawson, C.B., R.E.  
ROYAL SOCIETY OF ARTS, at 8.—Life-saving at Sea: A. Welin.  
ENTOMOLOGICAL SOCIETY, at 8.—Pupal Coloration in *Papilio polytes*, Linn., and the Larval Habits of the Tineid Moth *Melasina emerge*, Meyr.: J. C. F. Fryer.  
FARADAY SOCIETY, at 8.—(1) A Re-determination of the Electric Modulus of Aluminium; (2) The Density of Aluminium: Dr. F. J. Brislée.—The Potential due to Liquid Contact. III.: Dr. A. C. Cumming and Elizabeth Gilchrist.—Note on the Electrolytic Determination of Copper in Solutions containing Nitric Acid: Elizabeth Gilchrist and Dr. A. C. Cumming.—New Experiments on Colloids: T. A. Coward.—Overvoltage: Prof. J. W. Richards.

GEOLOGICAL SOCIETY, at 8.—The Bathonian Rocks of the Oxford District: M. Odling.—The Petrology of the Kalgoorlie Goldfield (Western Australia): J. A. Thomson.

THURSDAY, MAY 8.

ROYAL SOCIETY, at 4.30.—*Probable Papers*: The Various Inclinations of the Electrical Axis of the Human Heart: A. D. Waller.—Trypanosome Diseases of Domestic Animals in Nyasaland. III.: *Trypanosoma pecorum*: Surg.-Gen. Sir D. Bruce, Major D. Harvey, Major A. E. Hamerton, and Lady Bruce.—The Excystation of *Colpoda cucullis* from its Resting Cysts and the Nature and Properties of the Cyst Membranes: T. Goodey.—The Experimental Hybridisation of Echinoids: C. Shearer, W. de Morgan, and H. M. Fuchs.—The Action of Radium Rays upon the Cells of Jensen's Rat Sarcoma: Dr. S. Russ and Dr. Helen Chambers.  
CONCRETE INSTITUTE, at 7.30.—Shear and Problems arising therefrom: H. K. Dyson.

FRIDAY, MAY 9.

ROYAL INSTITUTION, at 9.—Life History of a Water Beetle: F. B. Browne.  
ROYAL ASTRONOMICAL SOCIETY, at 5.

SATURDAY, MAY 10.

ROYAL INSTITUTION, at 3.—Humphrey Internal Combustion Pumps: H. A. Humphrey.

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