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Essentials of Physiology. By Prof. F. A. Bainbridge and Prof. J. A. Menzies. Fourth edition. Pp. viii+497. (London: Longmans, Green and Co.) 14s. net.

## Diary of Societies.

### THURSDAY, OCTOBER 21.

ROYAL SOCIETY OF MEDICINE (Dermatology Section), at 5.  
ROYAL AERONAUTICAL SOCIETY (at Royal Society of Arts), at 5.30.—Squad-Ldr. R. M. Hill: A Comparison of the Flying Qualities of Single- and Twin-engined Aeroplanes.—C. Baker: Night Flying.  
INSTITUTION OF MINING AND METALLURGY (at Geological Society), Special General Meeting, at 5.30; at 5.45.—J. Morrow Campbell: The Origin of Primary Ore Deposits.  
CHILD-STUDY SOCIETY (at Royal Sanitary Institute), at 6.—Dr. A. R. Abelson: A Psychological Study of the Delinquent Child.

### FRIDAY, OCTOBER 22.

ROYAL COLLEGE OF SURGEONS OF ENGLAND, at 5.—Prof. A. Keith: Demonstration on the Contents of the Museum.  
ROYAL SOCIETY OF MEDICINE (Study of Disease in Children Section), at 5.  
INSTITUTION OF MECHANICAL ENGINEERS, at 6.—Capt. H. Riall Sankey: Presidential Address.  
ROYAL PHOTOGRAPHIC SOCIETY OF GREAT BRITAIN, at 7.—F. Martin-Duncan: Birds and Beasts from many Lands.  
JUNIOR INSTITUTION OF ENGINEERS (at Caxton Hall), at 8.—A. H. Pitt: Impulse Turbines.  
ROYAL SOCIETY OF TROPICAL MEDICINE (at 11 Chandos Street, W.1), at 8.30.—Prof. W. Yorke: The Present Position of Trypanosomiasis Research.

### MONDAY, OCTOBER 25

FARADAY SOCIETY and PHYSICAL SOCIETY OF LONDON (at Institution of Mechanical Engineers), at 2.30.—Joint Discussion on The Physics and Chemistry of Colloids and their Bearing on Industrial Questions. Prof. The Svedberg: A Short Survey of the Physics and Chemistry of Colloids.—Discussion on Emulsions and Emulsification. Opener: Prof. F. G. Donnan.—W. Clayton: Emulsion Problems in Margarine Manufacture.—S. S. Bhatnagar: Reversal of Phases in Emulsions and Precipitation of Suspensoids by Electrolysis: an Analogy.—Discussion on Physical Properties of Elastic Gels. Openers: E. Hutschek and Prof. H. R. Procter.—S. C. Bradford: The Reversible Sol-gel Transformation.—Dr. J. O. W. Barratt: The Structure of Gels.—Discussion on Glass and Pyrosols. Opener: Sir Herbert Jackson.—Discussion on Non-Aqueous Systems. (a) Nitrocellulose. Opener: Sir Robert Robertson.—F. Sproxtton: Non-Aqueous Colloid Systems with Special Reference to Nitrocellulose.—Dr. G. Barr and L. L. Bircumshaw: The Viscosity of Some Cellulose Acetate Solutions. (b) Rubber. Opener: B. D. Porritt: The Action of Light on Rubber.—Discussion on Precipitation in Disperse Systems. Openers: Dr. R. C. Tolman and Dr. R. S. Willows.—J. N. Mukherjee: The Origin of the Charge of a Colloidal Particle and its Neutralisation by Electrolytes.—W. Clayton: Coagulation of Inorganic Suspensions by Emulsions.—Discussion on Cataphoresis and Electro-osmosis. Opener: Prof. A. W. Porter.—Dr. W. Ormandy: Some Practical Applications of Electro-osmosis and Cataphoresis.  
ROYAL COLLEGE OF SURGEONS OF ENGLAND, at 5.—Prof. S. G. Shattock: Demonstration of Pathological Specimens in the Museum.  
ROYAL SOCIETY OF MEDICINE (Odontology Section), at 8.—W. H. Dolamore: The Importance of Clinical Observation in Dental Surgery (Presidential Address).  
MEDICAL SOCIETY OF LONDON, at 8.30.—Prof. J. B. Leathes and

others: Discussion on The Determination of Degree of Renal Function.

### TUESDAY, OCTOBER 26.

SOCIOLOGICAL SOCIETY (at 65 Belgrave Road), at 5.15.—H. Carter and R. Unwin: Impressions of the New Germany.  
ROYAL SOCIETY OF MEDICINE (Medicine Section), at 5.30.—Dr. F. Parkes Weber: The Differentiation of the Secondary Forms of Polycythaemia Rubra.—Dr. Paterson: Notes on a Case of Transient Polycythaemia in a Child.  
ROYAL ANTHROPOLOGICAL INSTITUTE, at 8.15.—Rev. R. A. Lorrain: The Wild Head-hunting Tribes of Lakherland: their Manners and Customs.

### WEDNESDAY, OCTOBER 27.

INSTITUTE OF AERONAUTICAL ENGINEERS (at Royal College of Science), at 7.45.—Col. N. T. Belanew: The Structure of Steel.

### THURSDAY, OCTOBER 28.

CHEMICAL SOCIETY (at Institution of Mechanical Engineers), at 8.—Dr. M. O. Forster: The Emil Fischer Memorial Lecture.  
ABERNETHIAN SOCIETY (at St. Bartholomew's Hospital), at 8.30.—Sir St. Clair Thomson: Recollections of Joseph Lister by one of his House-surgeons.  
ROYAL SOCIETY OF MEDICINE (Urology Section), at 8.30.—Sir Thomas Horder: The Treatment of Sub-acute Nephritis by Decapsulation; with an Account of Four Cases.—V. Bonney: A New Operation for Nephroptosis.

### FRIDAY, OCTOBER 29.

ROYAL GEOGRAPHICAL SOCIETY (at the Eolian Hall), at 5.—T. A. Barns: In the Land of the Okapi and the Gorilla.  
ROYAL COLLEGE OF SURGEONS OF ENGLAND, at 5.—Prof. A. Keith: Demonstration on the Contents of the Museum.  
INSTITUTION OF MECHANICAL ENGINEERS (Informal Meeting), at 7.  
ROYAL PHOTOGRAPHIC SOCIETY OF GREAT BRITAIN, at 7.—H. W. Bennett: Winchester: The Cathedral, the School, and the Hospital of St. Cross.  
CHEMICAL INDUSTRY CLUB (at 2 Whitehall Court), at 8.—Annual Meeting.  
ROYAL SOCIETY OF MEDICINE (Epidemiology and State Medicine Section), at 8.30.—Dr. A. K. Chalmers: The Function of the Isolation Hospital in a General Scheme of Hospital Provision.

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