

tion of a solution. Studies on liquid crystals from anisal-*p*-amidoazotoluene, ethyl anisalamocinnamate, *p*-azoxyanisol; some cholesterol esters, and amyl cyanobenzalalamocinnamate.—F. Grandjean: The orientation of liquid anisotropes on crystals.—C. Sauvageau: The biological variations of *Saccorhiza bulbosa*.—Ch. Dhéré and G. Vegezzi: The pigmentary composition of hepatochlorophyll.—J. Amar: Sense education and prosthesis apparatus. The results. The apparatus used in the re-education of the tactile sensibility in the stumps left after amputation has been described in earlier papers. Some of the results obtained are now described.

BOOKS RECEIVED.

Electric Switch and Controlling Gear. By Dr. C. C. Garrard. Pp. xviii+656. (London: "The Electrician" Printing and Publishing Co., Ltd.) 15s. net.

The Elements of Engineering Drawing. By E. Rowarth. Pp. xii+131. (London: Methuen and Co., Ltd.) 2s. 6d. net.

Raymond: or Life and Death. By Sir Oliver J. Lodge. Pp. xi+403. (London: Methuen and Co., Ltd.) 10s. 6d. net.

Syllabus of Personal Hygiene for Colleges. By Prof. E. C. Howe. Third revision. Pp. 207. (Wellesley, Mass.: Prof. Howe.)

Shakespeare and Precious Stones. By Dr. G. F. Kunz. Pp. 101+illustrations. (Philadelphia and London: J. B. Lippincott Company.) 6s. net.

The Mechanical Star Bearing Finder. By E. T. Goldsmith. (London: G. Philip and Son, Ltd.) 5s. net.

My Life and Work. By E. K. Muspratt. Pp. xi+320. (London: J. Lane.) 7s. 6d. net.

De Strijkinstrumenten. By J. W. Giltay. Pp. xi+103. (Leyden: A. W. Lijthoff.)

DIARY OF SOCIETIES.

THURSDAY, NOVEMBER 9.

ROYAL SOCIETY, at 4.30.—Methods of Raising a Low Arterial Pressure: Prof. W. M. Bayliss.—Selective Permeability; the Absorption of Phenol and other Solutions by the Seeds of *Hordeum vulgare*: A. J. Brown and F. Tinker.—The Toxic Action of Dilute Pure Sodium Chloride Solutions on the Meningococcus: C. Shearer.—The Role of the Phagocyte in Cerebro-spinal Meningitis: C. Shearer and H. W. Crowe.—Investigation dealing with the Phenomena of "Clot" Formations. IV. The Diphasic Erosive Action of Salts on the Chocolate Gel: S. B. Schryver and Mary Hewlett.—Some Photochemical Experiments with Pure Chlorophyll and their Bearing on Theories of Carbon Assimilation: Ingvar Joergensen and F. Kidd.

OPTICAL SOCIETY, at 8.—Some Notes on Glass Grinding and Polishing: J. W. French.

ROYAL GEOGRAPHICAL SOCIETY, at 5.—Natural Divisions of England: C. B. Fawcett.

INSTITUTION OF ELECTRICAL ENGINEERS, at 8.—Eighth Kelvin Lecture: Some Aspects of Lord Kelvin's Life and Work: Dr. A. Russell.

FRIDAY, NOVEMBER 10.

ROYAL ASTRONOMICAL SOCIETY, at 5.
MALACOLOGICAL SOCIETY, at 7.—Has *Lymnaea* an Auriculoid Ancestry? C. Hedley.—(1) *Anodonta cyganea*, L., and *A. anatina*, L.; (2) *Pseudanodonta rothomagensis*, Locard: H. H. Bloomer and H. Overton.—Sexual Characters in the Shell and Radula of *Cyclostoma elegans*: Prof. A. E. Boycott.

PHYSICAL SOCIETY, at 5.—Note on the Diffusion of Liquids: B. W. Clack.—The Regularity in the Distribution of the Satellites of Spectrum Lines; with a Note on the Structure of the Green Line of Mercury and Terms of Correction in Using a Concave Grating: Prof. H. Nagaoka.

TUESDAY, NOVEMBER 14.

ROYAL ANTHROPOLOGICAL INSTITUTE, at 6.—Ancient Stories of a Great Flood: Sir J. G. Frazer.

WEDNESDAY, NOVEMBER 15.

ROYAL METEOROLOGICAL SOCIETY, at 5.—A Meteorologist in China: C. E. P. Brooks.—The Storm of November 11-13, 1915, in its Passage over the British Isles: Lieut. A. E. M. Geddes, R.E.

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ROYAL MICROSCOPICAL SOCIETY, at 8.—The Microscopic Work of the Accademia dei Lincei: Dr. C. Singer.—A New Tank and Pond-weed Holder for use with Greenough Immersion Objectives: S. C. Akehurst.

ENTOMOLOGICAL SOCIETY, at 8.—The Factors which determine the Cocoon Colours of *Plusia moneta* and other Lepidoptera: Mrs. P. A. Merritt Hawkes.

ROYAL SOCIETY OF ARTS, at 4.30.—Opening Address: The Stability of Great Britain: Dr. Dugald Clerk.

THURSDAY, NOVEMBER 16.

ROYAL SOCIETY, at 4.30.

INSTITUTE OF MINING AND METALLURGY, at 5.30.

CHILD STUDY SOCIETY, at 6.—Experiments in Hand-writing in Schools: Speed Tests in Manuscript Writing: Dr. C. W. Kimmins.—The Artistic Aspect of Manuscript Writing: W. Scutt.—Manuscript Writing in a Central School: J. W. Samuel.—Manuscript Writing in a Boys' Elementary School: A. Sinclair.

LINNEAN SOCIETY, at 5.—(1) Pedanios Dioscorides of Anazarba; his Writings and his Commentators; (2) The New Cabinets for the Linnean Herbarium: The General Secretary.—A New Australian Genus of Hydrocharidaceae: Dr. A. B. Rendle.—Some Collections of the Littoral Marine Fauna of the Cape Verde Islands, made by Cyril Crossland in the Summer of 1904: A. W. Waters.

FRIDAY, NOVEMBER 17.

INSTITUTION OF MECHANICAL ENGINEERS, at 6.—Report of the Hardness Tests Research Committee.

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