

cells when analysed resolve into variations of a single basic procedure. J. DAYAL: *Studies on the Trematode Parasites of Fishes. A New Trematode Neoganada barabankiæ* (Nov. Gen., Nov. Sp.) from *Clarias batrachus*. J. DAYAL: *A New Trematode Phyllochorus macronius*, N. Gen., N. Sp. belonging to the Family Gorgoderidæ Looss (1910), from the Body-cavity of a Fresh-water Fish *Macrones tengara*. B. N. SINGH, G. P. KAPOOR AND R. S. CHOUDHRI: *The Light Factor in Crop Production*.

National Academy of Sciences, India :

March 29, 1938.—J. DAYAL: *On a New Species of the Genus Astrotrema Looss (1901) from the Intestine of a Fresh-water Fish, Clarias batrachus*. M. ABDUL SALAM: *On the Occurrence of Skrajbinema ovis (Skrajbin, 1915) in India*. SATYA PRAKASH AND S. B. DUTT: *Colour and Chemical Constitution of the Organic and Inorganic Salts of Di-phenyl-violuric Acid*. V. L. VERMA AND S. B. DUTT: *Condensation of Di-phenyl-thiobarbituric Acid with Aldehydes, Quinones and Nitroso Compounds, Indigoid Dyes Derived from Chrysoquinone*.

Indian Association for the Cultivation of Science :

December 1937.—P. C. MUKHERJI: *On the Relation between the Emission Spectra of Nd^{+++} ions in Phosphorus and the Absorption Spectra of the same in Crystals*. D. S. SUBRAHMANYAM: *Verification of Stokes' Theory of a Sphere Oscillating in a Liquid*. M. SEN GUPTA: *On the Theory of Semi-Conductors in Magnetic Field*. JAGANNATH GUPTA: *A Note on (CH) Vibration in Sodium Formate*. SURIAN SINGH SIDHU: *Technique for making Colloidion Filter for the K_{α} Chromium Radiation*. K. PROSAD AND R. P. GUPTA: *An Application of the Ray-Displacement Refractometer to the Study of Anomalous Dispersion of Didymium Glass*. S. C. SIRKAR: *On the Intensities of Raman Lines due to Lattice Oscillations*. SURIAN SINGH SIDHU: *The Calculation of Interplanar Spacings of Crystal System by Vectors*.

Indian Chemical Society :

January 1938.—J. C. GHOSH: *The Physico-Chemical Properties of Ascorbic Acid*. C. A. ROTHENHEIM, H. S. SHAIK MAHAMUD AND S. S. COWLAGI: *Vitamin C contents of Indian Food-stuffs. Chillies (Capsicum)*. SISIR KUMAR GUHA: *Dyes derived from Acenaphthenequinone, Part VI.—2-(4-Methyl)-thionaphtheneacenaphthyleneindigos*. C. J. DASA RAO, D. G. WALAWALKAR AND B. S. SRIKANTAN: *On the Anthocyanin Pigment in the Rind of Sugarcane (Purple Mauritius)*. S. K. MITRA: *Thioketonic Esters. Part V*.

JAMAIT V. LAKHANI AND RUSTAM P. DAROGA: *The Determination of the Parachors of Inorganic Salts in Solutions and their Structure. Part I.—Potassium Salts*. SUSIL KUMAR RAY: *Determination of Parachor in Solution. Part II.—Parachor of Inorganic Salts in Aqueous Solution*. MATA PRASAD AND R. N. MERCHANT: *Study of the Crystals of p-Nitroaniline and p-Nitrotoluene by the X-Ray Single crystal Rotation Method*. MATA PRASAD AND A. B. KHAN: *Space Group Determination of the Crystals of Ortho- and Para-Benstoluides by the X-ray Rotating Crystal Method*. S. K. MITRA: *On Thioaldehydes and Thioketones. Part II*. CHUHARMAL S. NARWANI AND NALEJAH B. SIDHWA: *Optical Inactivity of Gelatin in the Adsorbed State at the Liquid/Liquid Interface and its Use as a Measure of Adsorption*. PHULDEO SAHAY VARMA AND V. SUBBA RAO: *Halogenation, Part XX.—Halogenation of Fluorene*.

Botanical Society of Bengal :

March 30, 1938.—S. N. BAL: *Some Medicinal Plants of Kashmere*. S. MEYER: *Studies in the Family Apocyanaceæ*.

Society of Biological Chemists :

March 4, 1938. (Bangalore).—B. SANJIVA RAO AND K. S. SUBRAMANIAM: *Essential Oil from Hemidesucus indicus (Indian Sarasaparilla)*. K. V. GIRI AND N. S. DOCTOR: *The Use of Pyrophosphate in the Determination of Vitamin C Content of Plant and Animal Tissues*. K. V. GIRI: *Spectrophotometric Study of a New Colorimetric Method for Vitamin C*. C. N. AGRIARYA: *Inference of Soil in the estimation of Cellulose*.

March 14, 1938. (Indore).—Y. D. WAD AND I. N. DESAI: *Variation in Seed Composition of Crop Plants. Part I.—Influence of Soil and Climate*. V. G. PANSE: *Application of Statistics to Biological Experiments*.

March 17, 1938. (Bombay).—B. B. DIKSHIT: *The Formation of Acetyl Choline by the Tissues*. V. N. PATWARDHAN AND R. G. CHITTRIS: *The Effect of Hypervitaminosis D on Calcium and Phosphorus Metabolism in the Albino-rats*.

Meteorological Office Colloquium, Poona:

February 25, 1938.—Dr. V. I. Vaidyanathan (Irrigation Research Institute, Lahore), addressed the Colloquium on "The Applications of Physics to Problems of Irrigation". He referred to the various ways in which the physicist could be of practical assistance to the Irrigation Engineer and described some interesting experiments conducted at the Institute.

March 22, 1938.—Dr. S. N. Sen, "On the Mechanism of Cyclones in the Bay of Bengal, particularly from the Point of View of Deformation fields".

Errata.

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Page 450, note entitled "The Coupling of 6-Hydroxyflavone with Diazo Salts," line 16, for "diazo" read "disazo".

Page 482, column 2, under National Academy of Sciences, para 2, last line, for "Evolution or Revolution in Plant Work" read "Evolution and Revolution in the Plant World".