

ACADEMIES AND SOCIETIES.

National Academy of Sciences, India :

August 1938.—JAGRAJ BEHARI LAL: *Chemical Examination of the Fruits of Physalis peruviana or Cape Gooseberry, Part III.* J. DAYAL: *A New Trematode, Gorgotrema barbius N. Gen., N. Sp., from a Fresh-Water Fish, Barbus sarana.* M. A. H. SIDDIQUI AND R. V. SINGH: *The Fate of the Duct of Cuvier in Man and Certain Other Mammals.* P. SAMUELS LALL: *Certain Modifications of Dedekind's Theorem of Continuity.* R. D. VIDYARTHI: *New Avian Trematodes (Family Diplostomidae) from Indian Birds.* A. C. BANERJI AND P. L. BHATNAGAR: *The Solution of Certain Types of Differential Equations.*

October 29.—B. P. PANDE: *On Two New Trematodes from Indian Cyprinoid Fishes with Remarks on the Genus Allocreadium looss.* B. P. PANDE: *A New Strigeid Trematode of the genus Crassiphiala F. Haitzma, 1925 (Family: Diplostomidae Poirier) from an Indian King-Fisher.* SUKHDEO BIHARI MATHUR: *A Note on the Telescope Method for Determining the Focal-length of Lenses and Mirrors.* K. B. MATHUR AND G. R. TOSHNIWAL: *F₂-Region Ionization in June 1938 at Allahabad.* JAGAT NARAIN TAYAL AND S. B. DUTT: *Chemical Examination of the Essential Oil of Ocimum canum sims.*

Indian Academy of Sciences:

October 1938. SECTION A.—KUNWAR MAHENDRA PRATAP SINGH AND SIKHIBHUSHAN DUTT: *Dyes derived from Chrysoquinone.*—A number of dyes closely analogous to those derived from phenanthrene have been prepared and their properties studied. R. D. DESAI AND M. EKHLAS: *Studies in the Friedel-Crafts Reaction. Part IV.—The Action of Acetyl Chloride and Acetic Anhydride on Resorcinol and its Derivatives. An Evidence for γ -Substitution in the Resorcinol Nucleus.* VON ALFRED MOESSNER AND A. GLODEN: *Diophantische Probleme.* (THE LATE) N. W. HIRWE, K. N. RANA AND (MISS) K. D. GAVANKAR: *Derivatives of Salicylic Acid. Part XIII.—Chloro-salicylic Acids and Their Methyl Esters.*—Convenient methods have been worked out for the preparation of 3-chlorosalicylic acid, 5-chlorosalicylic acid, 3-5-dichloro-salicylic acid, and their methyl ethers. S. RANGASWAMI AND T. R. SESHADRI: *Nuclear Methylation of Resacetophenone. Preparation of 3-Methylresacetophenone and Its Derivatives.*—With methyl iodide and methyl alcoholic potash, resacetophenone undergoes nuclear methylation in the 3-position and that the hydroxyl group in the fourth position gets esterified. S. RANGASWAMI: *A Fine Adjustment Device for Use with the Micro-Dumas Apparatus.* INDER CHOWLA: *Gene-*

realisation of a Theorem of Dickson. V. R. THIRUVENKATACHAR: *Note on Harmonic Functions.* S. CHOWLA: *A Remark on $g(n)$.* S. MINAKSHI SUNDARAM: *On an Infinite System of Non-linear Integral Equations.*

October 1938. SECTION B.—A. RAMAKRISHNA REDDY: *The Development of Amuran Kidney. Part I. The Development of the Mesonephros of Rhacophorus maculatus, Boulenger.* N. L. SHARMA: *Felspars from the Pegmatites of Kodarma, Bihar.* RAMDAS MENON: *Two New Species of Pachytroctida (Copeognatha) with a Note on the Family.* M. KRISHNA MENON: *The Early Larval Stages of Two Species of Palæmon.* S. M. DAS: *On Ecteinascidia bombayensis N. Sp. (A New Ascidian from Bombay).* B. N. SINGH, K. N. LAL AND K. PRASAD: *Photosynthetic Specificity in Relation to Biochemic Constitution of Leaves.* G. N. RANGASWAMI AYYANGAR AND K. KUNHI KRISHNAN NAMBIAR: *A 'Tiny' Sorghum.* G. N. RANGASWAMI AYYANGAR, V. PANDURANGA RAO AND T. VENKATARAMANA REDDY: *The Occurrence and Inheritance of Purple Anthers in Sorghum.* B. N. SINGH AND S. PRASAD: *The Effect of Chlorine in Relation to Age upon the Growth and Composition of Wheat.* M. S. RANDHAWA: *Observations on Some Zygnaemales from Northern India.—Part II.* V. RANGANATHAN AND B. N. SASTRI: *Digestibilities of the Proteins of Bengal Gram, Cicer arietinum Linn.*

Society of Biological Chemists, India:

BOMBAY. 30th August 1938.—A. FERNANDEZ: *The Excretion of Vitamin C in Urine and the State of Saturation in Normal Individuals in Bombay.*

INDORE. 10th September 1938.—K. A. PATWARDHAN: *The Disposal and Utilisation of Horse Dung and Stable Litter by Composting; 22nd September 1938.*—S. S. DESHPANDE: *Essential Oil from Flowers of Mendhi and Laboratory Synthesis of Products occurring in Plants.*

CAWNPORE. 10th September 1938.—A. N. RAO: *Membrane Permeability.*

BANGALORE. 14th September 1938.—A. K. YEGNANARAYANA IYER: *Cloves; 30th October 1938.*—V. RANGANATHAN: *The Availability of Calcium and Phosphorus in a Few Typical Indian Diets.* K. GANAPATHI: *The Chemotherapy of Bacterial Infection.* A. L. SUNDARA RAO: *Nitrogen Fixation at Laboratory Temperatures and its Probable Significance in Agriculture.* V. RANGANATHAN AND Y. V. S. RAU: *Effect of Calcium on the Biological Value of the Proteins of Indian Diets.*

Errata.

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Column 1, 2nd line from the bottom of 1st para: for "nitrate" read "nitrite".

Column 2, 2nd para, line 2: for "potassium nitrite" read "potassium nitrate".