

List of Parts, Volume 12 (A) of the Journal

OF THE

Indian Institute of Science, with prices.

- Part I.—Phototropic Compounds of Mercury. By Bh. S. V. Raghava Rao and H. E. Watson. Price, Re. 1.
- Part II.—Photoelectric Emission from Phototropic Mercury Compounds. By Bh. S. V. Raghava Rao and H. E. Watson. Price, As. 12.
- Part III.—Attempts to Synthesise *Ortho*-Thiolphenylhydrazine. By Praphulla Chandra Guha and Tejendra Nath Ghosh. Price, As. 6.
- Part IV.—I. Characterisation of very small quantities of Proteins by Van Slyke's Method. By Nuggihalli Narayana and Mothnahalli Sreenivasaya. II. The Determination of Pyruvic Acid. By Basettihalli Hanumantha Rao Krishna and Mothnahalli Sreenivasaya. Price, As. 12.
- Part V.—I. Studies on Soil *Actinomyces*. Part I. Introduction. By V. Subrahmanyam and Roland V. Norris. Part II. Studies on soil *Actinomyces*. Part II. Their Mode of Occurrence in the Soil. By V. Subrahmanyam. Price, Re. 1.
- Part VI.—I. A Study of the Symbiotic Fungus from the Mysore lac insect. By M. Sreenivasaya and S. Mahdihassan. II. The Golgi Apparatus of Free-Living Protozoa. By H. S. Madhava Rao. Price, As. 12.
- Part VII.—I. Formation of Heterocyclic Compounds from Diethylxanthic Formic Ester. By Praphulla Chandra Guha and Devendra Nath Datta. II. Ring Closure of Hydrazo-Monothiodicarbonylamides with Acetic Anhydride: Formation of Iminothioabiazolones and Iminothioltriazoles. By Praphulla Chandra Guha and Tarani Kanta Chakraborty. Price, Rs. 1-4.
- Part VIII.—I. Studies in Enzyme Action. Part III. Amylase from *Cumbrum typhoideum*. By D. Narayanamurti, C. V. Ramaswami Ayyar and Roland V. Norris. II. Studies in Enzyme Action, Part IV. Tyrosinase I. By D. Narayanamurti and C. V. Ramaswami Ayyar. Price, Rs. 1-8.
- Part IX.—The Activated Sludge Process of Sewage Treatment. Report on the Working of the Plant at the Indian Institute of Science, Bangalore. By N. Swaminathan. Price, Rs. 1-4.
- Part X.—Contributions to the Study of Spike-Disease of Sandal (*Santalum Album*, Linn.). Part VI. Nitrogen Metabolism in Healthy and Spiked Sandal Leaves. By N. Narasimhamurthy and M. Sreenivasaya. Price, As. 12.

- Part XI.—Lengthened *Ortho*-Di-Derivatives of Benzene and their Ring-Closure: Formation of Polymembered Heterocyclic Compounds from Substituted Phenylene-Dicarbamides. By Tejendra Nath Ghosh and Praphulla Chandra Guha. Price, As. 12.
- Part XII.—Oil from the Seeds of *Sapindus Trifoliatus* (Linn.) By D. R. Paranjpe and P. Ramaswami Ayyar. Price, As. 6.
- Part XIII.—I. Amylase from *Zea mais*. By Vinayak Narayan Patwardhan. II. Enzymes from the Seeds of *Caesalpinia Bonducella*. By Vinayak Narayan Patwardhan. Price, As. 8.
- Part XIV.—Studies in the Proteins of Indian Foodstuffs. Part II. The Proteins of the Pigeon Pea (*Cajanus Indicus*). By P. S. Sundaram, Roland V. Norris and V. Subrahmanyam. Price, As. 12.
- Part XV.—The Electrical Conductivity of Thin Oil Films. Part I. General Nature of the Phenomenon. By H. E. Watson and A. S. Menon. Price, Re. 1.
- Part XVI.—The Photo-voltaic Properties of Phototropic Mercury Compounds. By Bh. S. V. Raghava Rao. Price, As. 8.
- Part XVII.—I. Contributions to the Study of Spike-Disease of Sandal (*Santalum Album*, Linn.). Part VII. Factors Influencing Diastatic Activity. By B. N. Sastri and M. Sreenivasaya. II. Part VIII. Chemical Composition of Tissue Fluids from the Leaf. By M. Sreenivasaya and B. N. Sastri. III. Part IX. Chemical Composition of Tissue Fluids from the Stem. By M. Sreenivasaya and B. N. Sastri. IV. Note on the Starch-Liquefying Action of Sandal Leaf Extracts. By B. N. Sastri. Price, Rs. 1-4.
- Part XVIII.—Studies on Soil *Actinomyces*. Part II. Standardisation of a Plate Method of Counting Soil *Actinomyces*. By M. Ganesha Rao and V. Subrahmanyam. Price, Rs. 1-4.
- Part XIX.—I. Biological Oxidation of Sulphur. Part II. Effect on the Microflora of Activated Sludge. By C. V. Ramaswami Ayyar and Roland V. Norris. II. Biological Oxidation of Sulphur. Part III. A Sulphur-Oxidising Organism from Activated Sludge. By C. V. Ramaswami Ayyar. Price, Rs. 1-4.
- Part XX.—Contributions to the Study of Spike-Disease of Sandal (*Santalum Album*, Linn.). Part X. Seasonal Studies on Healthy and Partially Spiked Trees. By A. V. Varadaraja Iyengar. Price, As. 12.