

"Current Titles from Engineering Journals," Vol. 1, No. 3.
 "The Calcutta Review," Vol. 66, Nos. 1 and 2.
 "Chemical Age," Vol. 38, Nos. 965-69.
 "Forschungen und Fortschritte," Vol. 14, Nos. 1-3.
 "Indian Journal of Agricultural Science," Vol. 7, No. 6.
 "Indian Forester," Vol. 64, No. 2.
 "Indian Journal of Physics," Vol. 11, No. 5.
 "Indian Journal of Venereal Diseases," Vol. 3, No. 4.
 "Indian Trade Journal," Vol. 128, Nos. 1647-51.
 "Indian Journal of Veterinary Science and Animal Husbandry," Vol. 7, No. 4.
 "Journal of Agricultural Research," Vol. 55, Nos. 8 and 9.
 "Journal of the Royal Society of Arts," Vol. 85, Nos. 4439-43 and Vol. 86, No. 4444.
 "Journal of the Institute of Brewing," Vol. 44, No. 1, and Index to Vol. 33.

"Journal of Chemical Physics," Vol. 6, No. 1.
 "Journal of the Indian Chemical Society," Vol. 14, No. 11.
 "Journal of Nutrition," Vol. 15, No. 1.
 "Journal of Research (National Bureau of Standards)," Vol. 18, No. 6, and Vol. 19, Nos. 1-3.
 "Lingnan Science Journal," Vol. 16, No. 4.
 "Monthly Bulletin of Agricultural Science and Practice," Vol. 29, No. 1.
 "Medico Surgical Suggestions," Vol. 7, No. 1.
 "Nature," Vol. 140, Nos. 3557-60.
 "The Philippine Agriculturist," Vol. 26, No. 8.
 "Review of Applied Mycology," Vol. 16, No. 12.
 "Research and Progress," Vol. 4, No. 1.
 "Science and Culture," Vol. 3, No. 7.
 "Sky," Vol. 2, No. 3.
 "Science Progress," Vol. 32, No. 127.
 "Transactions of the Faraday Society," Vol. 34, No. 201.

Catalogue.

"Wheldon and Whesley's Catalogue," Part 3, 1938.

ACADEMIES AND SOCIETIES.

Indian Academy of Sciences:

January 1938. SECTION A.—S. S. PILLAI: *On the Addition of Residue Classes*. F. C. AULUCK: *On Conics Connected with Four or More Lines*. S. RANGASWAMI AND T. R. SESHADRI: *Fixation of the Aromatic Double Bonds in the Coumarin Ring System*.—It is concluded from the reactivity of 7-hydroxy coumarin and its derivatives that the nuclear double bonds are not fixed and are capable of assuming alternative positions. C. S. VENKATESWARAN: *The Hydroxyl Frequency in the Raman Spectra of Acids and Acid Salts*.—A weak and diffuse band characteristic of O—H group has been recorded in the Raman spectra of sulphuric, iodic, selenious and telluric acids. The frequency values however are lower than that for a free hydroxyl. This is apparently connected with the formation of hydrogen bonds. R. S. KRISHNAN: *The Reciprocity Theorem in Colloid Optics and its Generalisation*.—The reciprocity relation is deduced theoretically. It is valid for a solution containing a large number of particles which have no preferred orientation in the plane containing the incident and scattered beam, and also for conditions of oblique scattering. The relations for oblique scattering have been experimentally verified in the case of graphite and arsenic trisulphide sol. S. BHAGAVANTAM AND B. SUNDARA RAMA RAO: *Light Scattering and Other Allied Physical Properties of Ordinary and Heavy Water*.—The adiabatic compressibility and depolarisation have been measured. The calculated relative scattering powers of D₂O and H₂O, 1.8 : 2, are in good agreement with observations. P. NILAKANTAN: *Magnetic Anisotropy of naturally occurring Substances. III. —Wood and its constituents*.—It is found that the 'crystalline' element in wood is definitely cellulose, and that the direction of maximum diamagnetic susceptibility in the cellulose molecule is along the length of the chain. BAWA KARTAR SINGH: *The Physical Identity of Enantiomers. Part V.—The relation between concentration and*

viscosity of solutions of d-, l-, and dl- forms of Camphor, Iso-nitroso Camphors, Camphor quinone, Camphoric Acid, and Sodium Camphorate. A. NARASINGA RAO: *On the Miquel-Clifford Configuration*.

January 1938. SECTION B.—D. N. MAJUMDAR: *The Relationships of the Austrie-speaking Tribes of India, with Special Reference to the Measurements of H₂ and Saoras*.—From an analysis of two new series of anthropometric measurements of H₂ and Saoras, and by a comparison of the statistical constants with those of the series available, it is shown that four distinct ethnic groups are represented among the Austrie-speaking tribes. S. N. DAS GUPTA: *On the Culture Behaviour of a Species of Rosellinia II.—Further Experiments in the Production of Perithecia*.—The effect of various chemicals—*asparagin*, potassium nitrate, acid, alkali and C/N ratio on the production of *perithecia* in a species of *Rosellinia* is recorded. B. KRISHNAMURTI: *A Microscopical Study of the Development of Trichogramma minutum Riley (The Egg Parasite of the Sugarcane Borers in Mysore) and its Parasitisation of the Eggs of Corcyra-cephalonica Staint (The Flour-moth employed in the Mass Production of Trichogramma)*. P. SEN: *On a New Species of Acanthocephala, Acanthocephalus holospinus sp. nov. from the Fish Barbus stigma (Cuv. and Val.)*.—The morphology and anatomy of the parasites obtained from fish guts are recorded. COL. I. PROHLANO DE MELLO AND LUIS DA FONSECA: *On the Schizogonic Forms of a Plasmodium found in the Blood of the Green Snake, Passerita mycterizans Daud.*

Meteorological Office Colloquium, Poona:

December 14, 1937.—Dr. S. K. Banerji—On the theory of cyclone formation at extra-tropical fronts and developed by Norwegian meteorologists,