Editorial

Wish You Were Here ............................................. 51

Articles

Role of Crystallization in Polymers and Proteins: P. J. Flory ............... 53

Pathologic Effects of Atomic Radiation: Committee on Pathologic Effects of Atomic Radiation .................... 60

Agriculture, Food Supplies, and Atomic Radiation: Committee on the
Effects of Atomic Radiation on Agriculture and Food Supplies .......... 63

Walter S. Adams, Observer of Sun and Stars: P. W. Merrill ................ 67

News of Science

Cigarettes and Cancer; British and American Engineering Research; NSF Expands Soviet Translation Program; Free Neutrino Found; Survey of Engineering Professors; Mammary Tumor Agents in Mice; Scientists in the News; Recent Deaths; Education; In the Laboratories; Miscellaneous .... 68

Reports

Relation of Ammonia Excretion to Urine pH in the Guinea Pig:
    R. Richterich-Van Baerle, L. Goldstein, E. H. Dearborn .................. 74

Taming and Susceptibility to Audiogenic Convulsions:
    W. Bevan, M. Grodscky, G. Bottelmann .......................... 74

Protoplasmic Streaming in Plants Sensitive and Insensitive to Chilling
    Temperatures: D. A. Lewis .................................. 75

Direct-Reacting Bilirubin, Bilirubin Glucuronide, in Serum,
    Bile, and Urine: R. Schmid .................................. 76

Solute and Temperature Effects in the Pervaporation of Aqueous
    Alcoholic Solutions: E. G. Heisler et al. .......................... 77

Tremor Induced by Tremorine and Its Antagonism by Anti-Parkinson
    Drugs: G. M. Everett, L. E. Blockus, I. M. Shepperd ............... 79

Another Case of Anomalous Pregnancy in a White Rat:
    E. P. Yule and J. D. Sylvester ................................ 79

Pathology of Egg-Adapted Avian Encephalomyelitis:
    E. Jungherr, F. Sumner, R. E. Lugniveau .......................... 80

Crystallization of Cytidine Diphosphate Choline from Yeast:
    I. Lieberman, L. Berger, W. T. Gimenez .......................... 81

Nucleic Acid and Succinic Dehydrogenase of Rat Liver after
    X-irradiation: L. L. Gershbein and B. K. Krotoszyński ............... 81

Book Reviews

Theories of Learning; Précis de gerontologie; Einführung in die Geometrie
der Waben; Physiology of Digestion; Lectures on Theoretical Physics; Protoplasmatologia, Handbuch der Protoplasmaforschung; Principles of Renal Physiology; New Books; Miscellaneous Publications .......................... 83

Meetings and Societies

Scientific Basis of Weather Modification; Meeting Notes; Forthcoming Events 86