Table of Contents

Molecular Kinetic and Electrophoretic Properties of Bacteriophages:
Frank W. Putnam ........................................ 481

Technical Papers

Nucleation and Growth of Cell Colonies:
J. H. Hollomon and J. C. Fisher ....................... 489

and Edgar B. Darden .................................. 491

Contamination in Orthophosphates
Irradiated in a Neutron Pile:
Maurice Fried and Arnold J. MacKenzie .......... 492

Recovery of Growth Regulator from Plants Treated with 2,4-Dichlorophenoxyacetic Acid:
Robert L. Weintraub, James W. Brown, and John N. Yeatman .... 493

Tryptophane Synthesis in Insects:
Hideo Kikkawa .............................................. 495

An Instrument for Use in Measuring Electrical Resistance of the Skin:
Frederick G. Whelan .................................. 496

Radioactive Phosphorus (P^{32}) Used to Study Phosphate Exchange between Urine in the Renal Pelvis and Renal Calculi Containing Phosphate: John A. Benjamin et al. ................................ 498

Comments and Communications

The Natural Sciences Applied to Social Theory: John Q. Stewart ............... 500

Sir John Herschel and Contact Lenses: Gordon L. Walls ...................... 501

A Note on Chatin and the Hypothesis that Endemic Goiter is Due to a Lack of Iodine: Isidor Greenwald ......................... 501

Scientific Book Register .................................... 502

News and Notes ............................................. 503