### 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 (P32) Used to Study Phosphate Exchange between Urine in the Renal Pelvis and Renal Calculi Containing Phosphate: John A. Benjamn 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