Table of Contents

Control of Precipitation from Cumulus Clouds by Various Seeding Techniques: Irving Langmuir 35

Technical Papers

The Electron Microscopy of Sectioned Nerve: George Rosza et al. ........................................... 42

Studies on Pituitary Adrenocorticotropin: J. B. Lesh et al. ............................................................ 43

Sanitary Seal for Infrared Microcells: Mortimer M. Elkind .......................................................... 46

Electromagnetic Enrichment of Fe56 Content and Concurrent Improvisement of Fe54 Content in Iron: C. P. Keim, H. W. Savage, and Boyd Weaver ............................................................ 47

The Eosinophil Response: Immediate vs. Delayed Eosinopenia: Jules H. Last et al. ............... 47

Centrifugation as an Aid in Examining and Fixing Rotifers: W. T. Edmondson ....................... 49

A Comparison of Meteor Activity with Occurrence of Sporadic E Reflections: V. C. Pimeo .......................... 50

Polymers from Chicle: W. Schlesinger and H. M. Leeper .............................................................. 51

Several Effects of Maleic Hydrazide on Plants: Rufus H. Moore .................................................... 52

A New Microculture Slide: Richard N. Shoemaker ........................................................................... 53

Absorption and Translocation of Radioactive 2,4-DI by Bean Plants as Affected by Cosolvents and Surface Agents: John W. Mitchell and Paul J. Linder .................................................. 54

Effect of Bacterial Polysaccharide on Cell Division: L. V. Heilbrunn and W. L. Wilson 56

Amino Acids in High and Low Protein Corn: R. C. Miller, L. W. Aurand, and W. R. Flach 57

Comments and Communications

Role of the Earth Sciences in General Education: David M. Delo ................................................. 59

Compounds Capable of Plant Amylase Inhibition: J. F. Volker ....................................................... 61

Discovery of Early Cretaceous Mammals and Frogs in Texas: Rainer Zangerl and Robert H. Denison .......................................................... 61

Arctic Ice Drift and the Humboldt Current: Floyd M. Soule ........................................................... 61

Reaction Time of the Common Housefly: Carl M. Herget .............................................................. 62

I. Q. and Month of Birth: Hans C. Gordon and Benjamin J. Novak .................................................. 62

Book Reviews


Phenomena, Atoms and Molecules: Irving Langmuir. Reviewed by Karl Lark-Horovitz 64

The Sea and Its Mysteries: John S. Colman. Reviewed by Francis P. Shepard 65

Plant Pathology: Sir Edwin J. Butler and S. G. Jones. Reviewed by Clyde M. Christensen 65

Scientific Book Register .......................................................... 66

News and Notes .......................................................... 67