Table of Contents

Instrumentation in Perspective:
W. A. Wildhack .................................................. 515

Sectioning of Tissue for Electron Microscopy:
James Hillier and Mark E. Gettner .................. 520

Technical Papers

The in Vitro Production of Cortisone by Mammalian Cells: Harry Seneca et al. .... 524

On the Detection of Intracranial Pathology by Ultrasound:
H. T. Ballantine, Jr., et al. .................................. 525

A Slicer for Sampling Liquids:
M. L. Randolph and R. R. Ryan .................................. 528

Effects of Different Preincubation Temperatures on the Hatchability of Pheasant Eggs: Ralph E. Yeatter ................. 529

Distribution of Absorbed Energy around a Point Source of β Radiation:
Robert Loevinger ................................................ 530

Errors of Combustion of Compounds for C¹⁴ Analysis: W. D. Armstrong et al. .... 531

New Tests for the Nicotiana Alkaloids, Nornicotine and Anabasine:
Louis Feinstein and Edward T. McCabe ................. 534

Mechanism of the Dakin and West Reaction:
J. W. Cornforth and D. F. Elliott ............................ 534

Electronic Radiography by Transmission Using Radioactive Monolayers:
D. E. Beischer .................................................. 535

Dianhydroxylic Acid Bis-(β-Tertiaryaminoalkyl) Animes as Curare Substitutes:
Arthur P. Phillips ............................................. 536

The Enzymatic Dehydrogenation of Estradiol to Estriene:
Joseph A. Ledogar and Howard W. Jones, Jr. .... 536

Comments and Communications

The Payment of the Learned Man;
Sphagnum Moss and Egg Yolk as Food for Anuran Tadpoles; Oaths and Affidavits; Basic Processes of Erosion ................. 538

Book Reviews

Anatomy of the Dicotyledons; Structure of Molecules and the Chemical Bond;
A History of Experimental Psychology .................... 541

Scientific Book Register ........................................ 543

Association Affairs

The Cleveland Meeting: II—Programs in Mathematics, Physics, Astronomy,
and Chemistry .................................................. 544

News and Notes .................................................. 547