The Climate of the Arctic as Viewed by the Explorer and the Meteorologist: 
William Herbert Hobbs ........................................................................... 193

News and Notes ......................................................................................... 201

Association Affairs 
Centennial Celebration Notes .................................................................. 205

Technical Papers 
The Dreywood Anthrone Reaction as Affected by Carbohydrate Structure: 
Louis Battler and F. W. Zerban ................................................................. 207

Inhibition of Hair Growth by the Percutaneous Application of Certain Adrenal Cortical Preparations: 
Wayne L. Whitaker and Burton L. Baker .................................................... 207

Effect of 2,4-Dichlorophenoxyacetic Acid on Root Development in Bean Cotyledons: 
Ernest K. Akamine ....................................................................................... 209

Ascorbic Acid Therapy of Pteroylglutamic Acid-deficient Rats: 
B. Connor Johnson and Ann S. Dana ......................................................... 210

The Reducing Properties of Serum From Subjects With Malignant Disease: 
William C. Stadie ......................................................................................... 211

In the Laboratory 
Studies on an Artificial Kidney: I. Preliminary Results With a New Type of Continuous Dialyzer: 
Leonard T. Skeggs, Jr., and Jack R. Leonards ........................................... 212

Sensitivity of the Ninhydrin Reaction in Paper Partition Chromatography: 
John J. Pratt, Jr., and Jacques L. Auclair .................................................. 213

A Simple Method of Measuring the Surface Area of Small Objects of Irregular Shape: 
Irving Zeidman .............................................................................................. 214

Book Reviews 
Essentials of pharmacology: 
Reviewed by Paul K. Smith ........................................................................... 216

Frequency modulation. (Vol. I): 
Alfred N. Goldsmith, et al. (Eds.) 
Reviewed by F. V. Hunt .............................................................................. 216