Contents

Edmund Ware Sinnott: President of AAAS, 1948:
Lewis Hanford Tiffany .......................... 1
Science and the National Welfare:
E. U. Condon ........................................ 2
News and Notes ...................................... 8
Technical Papers
Pathogenicity and Isosterism:
William Seifriz ...................................... 15
Control of Hemorrhagic Syndrome and Reduction in X-Irradiation Mortality With a Flavanone:
P. Paul Rekers and John B. Field ................ 16
A Rapid Chemical Test for Some Plant Virus Diseases:
R. C. Lindner ...................................... 17
Inhibition of Gastric Ulceration in the Rat by o-Hydroxybenzoic (Salicylic) Acid:
Frances Pauls, Arne N. Wick, and
Eaton M. MacKay .................................. 19

Constitution of Gymnosperm Lignin:
D. M. Riter, et al. ........................................ 20

In the Laboratory
A Method for Making Lantern Slides:
Hans Neuberg ........................................ 23
Glass Trough for Filter Paper Partition Chromatography:
William H. Longenecker ............................ 23
A Simple Micromethod for Rapid Extraction of Lipids:
Sidney C. Hsiao ....................................... 24
Use of the Freezing-Drying Technique for Study of Vasomotor Activity:
Calvin A. Richins ................................... 25

Book Reviews
Studies in hydrodynamics and structure of stars and planets: Jeremi Wasułtynski.
Reviewed by Zdeněk Sekera ........................... 26

Scientific Book Register ............................ 26

(Cover photo by Yale University News Bureau.)