Editorial
Science Changes ................................................. 7

Articles
The Chloroplast as a Complete Photosynthetic Unit: D. I. Arnon .......... 9
Early History of the Scintillation Counter: A. T. Krebs .................. 17
Tocopherol as an Activator of Cytochrome C Reductase: A. Nason and I. R. Lehman ............. 19
A. P. Colburn, Humanitarian and Chemical Engineer: J. A. Behnke ...... 22

News of Science
New AAAS Advertising Manager; Petition to the President; Scopes Anniversary; Climatic Thermal Adaptation; Quick Morphine Detection; Scientists in the News; Necrology; Education; Grants, Fellowships, and Awards; In the Laboratories; New Journals; and Miscellaneous ....................... 23

Reports and Letters
Human Amnion Cells for Large-Scale Production of Polio Virus:
E. M. Zitcer, J. Fogh, T. H. Dunnebacke .......................... 30
Extirpation of Roach Prothoracic Glands: W. L. Nutting ................ 30
Orientation of Single-Crystal Silver Halides by Epitaxy: S. Zerfoss and J. W. Davisson .............. 31
Priority for Reporting of Scientific Discoveries: L. Kartman and H. E. Stark .... 33
Physical and Chemical Factors in Relation to Histoplasma capsulatum in Soil:
L. D. Zeidberg, L. Ajello, R. H. Webster ......................... 33

Book Reviews
Textbook of Physics; Modern Aspects of Electrochemistry; La Cybernétique; The Chemistry of Petroleum Hydrocarbons; International Review of Cytology; Principles of Internal Medicine; Laboratory Techniques in Rabies; Inventories of Apparatus and Materials for Teaching Science; Proceedings of the Thirty-third Annual Meeting, Highway Research Board; Probleme und Beispiele biologischer Regelung; Einführung in die biologische Registriertechnik; The Why of Chemistry Problems; Chemical Pathways of Metabolism; Books Reviewed in The Scientific Monthly; New Books; and Miscellaneous Publications ......................... 35

Scientific Meetings
Physical Anthropologists; Society Elections; and Forthcoming Events .......... 41