Table of Contents

Astrochemical Problems in the Formation of the Earth: Wendell M. Latimer .......... 101
August Krogh: 1874–1949: Cecil K. Drinker ........... 105

Technical Papers
A Limitation on the Ultracentrifuge Separation-Cell Technique: S. J. Singer and Albert Siegel ............ 107
Germaniferous Lignite from the District of Columbia and Vicinity: Taisia Stadnichenko, K. J. Murata, and J. M. Axelrod ......... 109
Rapid Carbon Dioxide Test for Sickness: Harold A. Hanno and M. Price Margolis .......... 109
Effect of Zinc Deficiency on the Synthesis of Tryptophan by Neurospora Extracts: Alvin Nason .......... 111
Vitamin P Protection against Radiation: Boris Sokoloff, James B. Redd, and Raymond Dutcher .......... 112
Likelihood of Photorespiration or Light-inhibited Respiration in Green Plants: Edwin A. Davis .......... 113
Enzymic Conversion of Maltose into Unfermentable Carbohydrate: S. C. Pan, A. A. Andreasen, and Paul Kolachov .......... 115
Activation of Arginase in Vitro by Mouse Carcass Extract and the Cobalt Ion: O. B. Wiswell .......... 117
Further Study of the Role of Hyaluronidase in the Fertilization of Rabbit Ova in Vivo: M. C. Chang .......... 118

Biological Experiments on Drosophila melanogaster with Supersonic Vibrations: Hedi Fritz-Niggli and Albert Böni .......... 120
A Simplified Method of Lyophilizing Microorganisms: R. W. Barratt and E. L. Tatum .......... 122

Comments and Communications
Planchets for Radioactive Material: Charles E. Hassett and Joey M. Pirrung .......... 124
Note on the Freezing Point of Citrate Solutions Used in the Dilution of Bull's Semen: R. Aschaffenburg .......... 124
Water-soluble Riboflavin Derivative: Karl Schoen and Samuel M. Gordon .......... 125
Foreign Publications in the Field of Organic Chemistry: Leopold Ruzicka .......... 126
Use of Dried Hemoglobin in the Assay of Pepsin: Jacinto Steinhardt .......... 126

Book Reviews

Scientific Book Register .......... 128

News and Notes .......... 129
112 (2900)

Science 112 (2900), 101-132.