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
To What Extent Is Oxygen Uptake of the Intact Embryo Related to That of Its Homogenate† Joseph Hall Bodine ..... 110
Effect of Zine 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. Andresen, and Paul Kolachov ......................... 115
Activation of Arginine 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
Planchetts for Radioactive Material: Charles C. 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
The Chemical Elements and Their Compounds: N. V. Sidgwick. Reviewed by Glenn T. Seaborg .................................................. 127
Elementary Pile Theory: Harry Soodak and Edward C. Campbell. Reviewed by S. DeBenedetti .............................................. 127
The Theory of Atomic Collisions: N. F. Mott and H. S. W. Massey. Reviewed by Robert L. Plattman ..................... 128

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

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

Science 112 (2900), 101-132.

http://science.sciencemag.org/content/112/2900.citation

http://www.sciencemag.org/help/reprints-and-permissions

Use of this article is subject to the Terms of Service