



SCIENCE

MAY 15, 1953

VOLUME 117

NUMBER 3046

Contents

On the Nuclear Envelope: <i>Norman G. Anderson</i>	517
William Herbert Hobbs: 1864-1953: <i>George D. Hubbard</i>	521
News and Notes	523
Technical Papers	
Reversed Phase Paper Chromatography of Parathion and Related Phosphate Esters: <i>R. L. Metcalf and R. B. March</i>	527
A Production of Amino Acids Under Possible Primitive Earth Conditions: <i>Stanley L. Miller</i>	528
A Vacuum Microsublimation Apparatus: <i>John R. Maher</i>	529
The Effect of Carbon Monoxide on Respiration in the Sweet Potato, <i>Ipomoea batatas</i> Lan.: <i>George C. Webster</i>	530
The Dependence of the Secondary Sex Ratio in Humans on the Age of the Father: <i>Edward Novitski</i>	531
Hibernation and Cortical Electrical Activity in the Woodchuck (<i>Marmota monax</i>): <i>Charles P. Lyman and Paul O. Chatfield</i>	533
Observations on a Class of Free Radicals Derived from Aromatic Compounds: <i>D. Lipkin et al.</i>	534
Excessive Intake of Vitamin A as a Cause of Congenital Anomalies in the Rat: <i>Sidney Q. Cochlan</i>	535
Comments and Communications	
Addenda to <i>Dissa and Data</i> : <i>Donald P. Rogers and A. L. Bacharach</i>	537
A Blood Pump for Whole Blood Without Anticoagulants: <i>John J. Osborn</i>	537
The Scientist and the Library Cataloger: <i>Roger J. Poulin and Richard S. Angell</i>	538
Book Reviews	
<i>Dental Anatomy; A History of Psychology in Autobiography</i> ..	539
CIBA Tissue Transplantation Symposium	3
Meetings & Conferences	16

AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE

Science

117 (3046)

Science 117 (3046), 3-540.

ARTICLE TOOLS

<http://science.sciencemag.org/content/117/3046.citation>

PERMISSIONS

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

Use of this article is subject to the [Terms of Service](#)

Science (print ISSN 0036-8075; online ISSN 1095-9203) is published by the American Association for the Advancement of Science, 1200 New York Avenue NW, Washington, DC 20005. 2017 © The Authors, some rights reserved; exclusive licensee American Association for the Advancement of Science. No claim to original U.S. Government Works. The title *Science* is a registered trademark of AAAS.