



# SCIENCE

JULY 31, 1953

VOLUME 118

NUMBER 3057

## Contents

Education in the Shadow of the Iron Curtain: <i>Wolfgang O. L. Heubner</i> .....	121
Those Flying Saucers: <i>C. C. Wylie</i> .....	124
<b>News and Notes</b> .....	126
<b>Technical Papers</b>	
A New Dense Crystalline Silica: <i>L. Coes, Jr.</i> .....	131
Tryptophan Synthesis in <i>Claviceps purpurea</i> : <i>V. E. Tyler, Jr., and A. E. Schwarting</i> .....	132
Oxygen Consumption of Adrenal Slices from Normal and Scorbutic Guinea Pigs and the Influence of Added ACTH: <i>Ralph W. McKee and Jerome K. Walker</i> .....	133
A New Technique for the Study of the Effects of X-Radiation on Mammalian Skin Maintained at Different Temperatures During Exposure: <i>J. P. O'Brien et al.</i> .....	135
Centrifugal Preparation of Rat Liver Mitochondria Free of Microsomes: <i>Kenneth L. Jackson, Elaine L. Walker,</i> <i>and Nello Pace</i> .....	136
A New Series of Highly Active Local Anesthetics: <i>F. P. Luduena, R. O. Clinton, and S. C. Laskowski</i> .....	138
Parathyroid and Bone Citrogenase: <i>H. R. Perkins</i> <i>and T. F. Dixon</i> .....	139
The Effect of Malonate on <i>Salmonella typhimurium</i> Infection in Mice: <i>L. Joe Berry and Roland B. Mitchell</i> .....	140
Identification of Glycogen in Whole Bacterial Cells by Infrared Spectrophotometry: <i>Seymour Levine, Heber J. R. Stevenson,</i> <i>and Robert H. Bordner</i> .....	141
Micro Determination of Isoniazids in Blood: <i>Morris B. Jacobs</i> .....	142
<b>Comments and Communications</b>	
<i>Leon Davidson; William R. Lockhart; and Robert A. Ravich</i> .....	144
<b>Book Reviews</b>	
<i>Flying Saucers; Physiological Foundations of Neurology</i> <i>and Psychiatry</i> .....	145
<b>Publications Received</b> .....	2
<b>Survey of Physiological Science</b> .....	3
<b>Meetings &amp; Conferences</b> .....	4

AMERICAN ASSOCIATION FOR THE  
ADVANCEMENT OF SCIENCE

# Science

**118 (3057)**

*Science* **118** (3057), 2-146.

**ARTICLE TOOLS**

<http://science.sciencemag.org/content/118/3057.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.