



SCIENCE

AUGUST 7, 1953

VOLUME 118

NUMBER 3058

Contents

Research Planning and Research Policy:
Scientists and Administrators: *Charles V. Kidd* 147

News and Notes

Mechanism of Enzyme Action: *B. L. Horecker* 152

Technical Papers

Avoidance Conditioning with Brief Shock and
No Exteroceptive Warning Signal: *Murray Sidman* 157

An Apparatus for Centrifugation and Washing of Particulate
Matter in a Controlled Atmosphere: *G. R. Mandels* 158

The Inhibitory Action of Hydroxylamine on Biological
Oxidations: *Isaias Raw* 159

Intragastric Temperature Variations in Man During Hunger:
H. B. Benjamin, Marvin Wagner, and Walter Zeit 160

A New Cytological and Histological Fixing Fluid:
Earl H. Newcomer 161

Comparative Effects of Total Body Radiation, Nitrogen Mustard,
and Triethylene Melamine on the Hematopoietic System of
Terminal Cancer Patients: *R. Kenneth Loeffler,*
Vincent P. Collins, and George A. Hyman 161

Aural Detection of Grain Infested Internally with Insects:
R. E. Adams et al. 163

Estrogenic Activity of Isoflavone Derivatives Extracted and
Prepared from Soybean Oil Meal: *Edmund Cheng et al.* 164

The Reduction by Reactivating Light of the Frequency of
Phenocopies Induced by Ultraviolet Light in *Drosophila*
melanogaster: *Max Perlitz and Albert Kelner* 165

Comments and Communications

Eric Larrabee; J. P. Schafer; William S. Shore; and
Charles Tanford 167

Scientific Book Register 168

Current Personnel Selection Procedures 3

Meetings & Conferences 18

AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE

Science

118 (3058)

Science **118** (3058), 3-168.

ARTICLE TOOLS

<http://science.sciencemag.org/content/118/3058.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.