The Federal Computing Machine Program:  
Mina Rees ......................................................... 731

Building an Effective Technical Library:  
W. E. Jorgensen and J. G. Carlson .......................... 736

Dennis Robert Hoagland: 1884–1949:  
Daniel I. Arnon ............................................. 739

Technical Papers

A Thermophobic Insect:  R. I. Sailer ......................... 743

Reinforcement History and Extinction after Reconditioning:  P. J. Bersh,  
W. N. Schoenfeld, and J. M. Notterman .................... 743

Microscopic Structure of Carrot Chromoplasts:  Werner Straus .... 745

The Preparation of High-Purity Hydrogen Deuteride:  A. Fookson, P. Pomerantz,  
and E. H. Rich .................................................. 748

The Effect of 2,4-D on Potassium Nitrate Levels in Leaves of Sugar Beets:  
L. M. Stahler and E. T. Whitehead ......................... 749

An Analysis of the Enzyme Activity of the Conditioned Salivary Response in Human Subjects:  Joyce D. Brothers and  
C. J. Warden .................................................. 751

Spectrophotometric Assay of Ascorbic Acid with Peri-Naphthiandrotrione Hydrate:  
M. S. El Ridi, R. Moubasher,  
and Z. Hassan .............................................. 751

A Method for Evaluating the Relation of Glycogen to Inorganic Salt Deposition  
in Surviving Cartilage Slices in Vitro:  
Paul A. Marks and Ephraim Shorr .......................... 752

Plant-Growth Inhibitors from Red Kidney Bean Seeds:  S. M. Siegel .......................... 754

Adjuvant Action of Amino Acids and Peptides in Fertilizer Agglutination of Starfish Sperm:  Charles B. Metz and  
Joanne E. Donovan .......................................... 755

A Simple Method for the Determination of Diffusion Constants:  
Leonard A. Walker ............................................. 757

On the Question of Hyaluronidase in Sea-Urchin Spermatozoa:  Max Krauss ............. 759

Comments and Communications

Research Note on Randomization in a Social Experiment; Social Responsibility in Science; Concerning the Zoological Record ...................... 760

Book Reviews

German Aviation Medicine; Les Hautes Temperatures et Leurs Utilisations en Chimie; The Chordates; Variation and Evolution in Plants; Cell Physiology and Pharmacology; Pneumoconiosis; Viruses 1950 .................. 762

Scientific Book Register ..................................... 766

News and Notes

Reports of Meetings of the International Physiological Congress and the  
International Society for Cell Biology ......................... 767

The opinions expressed by contributors. Four weeks' notice  
is required for change of address, and an address stenciled label  
from a recent issue must be furnished. Claims for a missing  
number will be allowed only if received within 60 days from  
date of issue.

Annual subscriptions, $7.50; single copies, $.25; foreign postage, outside the Pan-American Union, $1.00; Canadian postage, $.50.

The AAAS also publishes THE SCIENTIFIC MONTHLY. Subscription rates on request.
Editor's Summary

This copy is for your personal, non-commercial use only.

**Article Tools**  Visit the online version of this article to access the personalization and article tools:  
http://science.sciencemag.org/content/112/2921.citation

**Permissions**  Obtain information about reproducing this article:  
http://www.sciencemag.org/about/permissions.dtl