

SCIENCE

Vol. 112 No. 2912 Friday, October 20, 1950



AAAS EDITORIAL BOARD

(Terms Expire June 30, 1951)

Bentley Glass
Karl Lark-Horovitz
Howard A. Meyerhoff
Chairman
Gladys M. Keener
Executive Editor
F. A. Moulton, Advertising Representative
Lorin J. Mullins
Malcolm H. Soule

Table of Contents

National Academy of Sciences—Abstracts of
Papers Presented at the Autumn Meeting,
October 9-12, 1950 447

Technical Papers

The Hemolytic and Antihemolytic Activities
of Various Centrifugally Separated
Fractions of Adult and Fetal Liver Cells:
David B. Tyler 456

Methanol Precipitation of Influenza Virus:
Arden W. Moyer et al. 459

A Sex-linked Lethal Gene in the Fowl:
K. Goodwin, F. B. Hutt, and R. K. Cole 460

A Precision Method of Counting
Radioactive Liquid Samples:
Arthur J. Freedman and David N. Hume 461

Effects of Ultrasonic Waves and Nitrous
Acid on the Production of Colloidal
Sulfur: *Shichiro Akiya, Otohiko Nomoto,*
and Seiichi Okui 463

A Simplified Recording Bubble Flow Meter:
William G. Hammond, Chester Hyman,
and Thomas E. Nelson 465

Molecular Configuration and Biological
Activity of Substances Resembling
Acetylcholine: *J. H. Welsh and R. Taub* 467

The Photochemical Action of Ultraviolet
Light on the Absorption Spectra of

Nucleic Acid and Related Substances:
David Rapport and Attilio Canzanelli 469

Contact Potentials of Evaporated Iron Films
in Air and in Nitrogen at Low Pressure:
Norman Hackerman and Leland L. Antes 471

Improved Technique for Weighing Tissues
with the Cartesian Diver:
Jay A. Smith and Melvin Post 471

On the Structure of Morphine and its
Derivative Metopon:
Lewis J. Sargent and Lyndon F. Small 473

Streaming Birefringence of Denatured
Ovalbumin: *J. F. Foster and*
Edward G. Samsa 473

Comments and Communications

Taste Reactions to Antithyroid
Substances; The Big Lie;
Stress and Meaning 475

Book Reviews

Stellar Evolution; Electronic
Mechanisms of Organic Reactions;
Manual of Standardized Procedures
for Spectrophotometric Chemistry 477

News and Notes

Students, Scientists, and
Selective Service 479

Science, founded in 1880, is published each Friday by the American Association for the Advancement of Science at the Business Press, 10 McGovern Ave., Lancaster, Pa. Entered as second-class matter at the Post Office at Lancaster, Pa., January 13, 1948, under the Act of March 3, 1879. Acceptance for mailing at the special rate postage provided for in the Act of February 28, 1925, embodied in Paragraph (d-2) Section 34.40 P. L. & R. of 1948.

All correspondence should be sent to *Science*, 1515 Massachusetts Ave., N. W., Washington 5, D. C. The AAAS assumes no responsibility for the safety of manuscripts or for

the opinions expressed by contributors. Four weeks' notice is required for change of address, and an address stencil 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.