Table of Contents

Government Support of Research:
Alan T. Waterman .................................. 701

Technical Papers
Fluorometric Determination of Serum
Aureomycin Levels:
John C. Seed and Catherine E. Wilson .......... 707
Preparation of C14 Uniformly Labeled
Fructose by Means of Photosynthesis and
Paper Chromatography:
Sidney Udenfriend and Martin Gibbs .......... 708
A Megalonyx Tooth from the Northwest
Territories, Canada: Chester Stock
and Horace G. Richards ........................ 709
Infrared Spectrometry of Small Samples with
the Reflecting Microscope: R. C. Gore .......... 710
A Method for the Study of Blood Loss in
Hookworm Infestation: P. F. Hahn and
Edward P. Ofati .................................. 711
Prevention of Dietary Fatty Livers by
Exposure to a Cold Environment:
E. A. Sellers and Rosemary Wen You .......... 713

Films from Hem cellulose Acetates:
Charles L. Smart and Roy L. Whistler .......... 713
A Possible Explanation of Symptom
Formation in Tobacco with Frenching
and Mineral Deficiencies:
Robert A. Steinberg, John D. Bowling,
and James E. McMurry, Jr. ...................... 714
Annual Variation in Nicotine Content of
Tobacco:
Earl W. Flosdorf and Arthur W. Palmer ....... 715
Simplified Preparative Electrophoresis at
Room Temperature: Harold A. Abramson .... 716

Comments and Communications
Natural Vegetation in the Willamette Valley;
Thermal Coefficient of the Refractive Index
of Water ........................................... 717

News and Notes .................................. 718

Index to Volume 110 ............................. iii

Science, a weekly journal founded in 1880, is published
each Friday by the American Association for the Advance-
ment of Science at the Business Press, 10 McGovern Ave.,
Lancaster, Pa. Editorial and Advertising Offices, 1515 Massa-
chusetts Ave., N.W., Washington 5, D.C. Telephone, Execu-
tive 8060. Cable address, SCIMAG, Washington, D. C.
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 special rate postage provided
for in the Act of February 28, 1923, embodied in Paragraph

Manuscripts submitted for publication should be sent to the
Editorial Office, with stamped, self-addressed envelope en-
closed for possible return. The AAAS assumes no responsi-
bility for the safety of the manuscripts or for the opinions
expressed by contributors.

Annual subscription, $7.50; single copies, $ .25; foreign
postage, outside the Pan-American Union, $1.00; Canadian
postage, $.50. Remittances and orders for subscriptions and
single copies should be sent to the Circulation Department,
Science, 1515 Massachusetts Ave., N.W., Washington 5, D.C.
Membership correspondence for the AAAS should be addressed
to the Administrative Secretary of the same address.

Change of address. Four weeks’ notice is required for
change of address. This should be sent to Science Recorder,
1515 Massachusetts Ave., N.W., Washington 5, D. C. When
ordering a change, it is necessary to furnish an address stencil
label from a recent issue. Claims for a missing number will
not be allowed if received more than 60 days after date of
issue. No claims allowed from subscribers due to failure to
notify the Circulation Department of a change of address or
because an issue is missing from their files, or for any reason
from subscribers in Central Europe, Asia, or the Pacific
Islands (other than Hawaii).

The AAAS also publishes The Scientific Monthly. Subscription
rates on request.