SCIENCE
Vol. 110 No. 2850 Friday, August 12, 1949

CONTENTS

New Screw Thread Standards:
E. G. Wertheimer .................................................. 155
Solar Eruption of May 10, 1949:
A. H. Shapley and R. M. Davis, Jr. 159

Technical Papers
Low Temperature Studies with Colloidal Silicic Acid:
Fred Hazel, J. A. Parker, and Edgar Schipper .................................................. 161
Antithiamine Effect of Oxythiamine and Neopyrithiamine. A Comparative Study:
Albert J. Eusebi and Leopold K. Cerecedo .................................................. 162
Mechanical Transmission of a Plant Tumor Virus to an Insect Vector:
Karl Maramorosch, M. K. Brakke, and L. M. Block .................................................. 162
The Chromatographic Estimation of Lysine and Some Applications of the Method:
Anthony A. Albanese and Marilyn Lein .................................................. 163
Quantitative Study of Root Systems in Different Soil Types:
J. E. Weaver and R. W. Darland .................................................. 164

A Simple Micromanipulator:
Gunnar Nygaard .................................................. 165
Pterin-like Pigment Derived from the Tubercle Bacillus. Fluorescence and Absorption Spectral Data for Erythropterin-like Pigment Isolated by Ultrachromatographic Analysis:
M. O'L. Crowe and A. Walker .................................................. 166
Serum Lipase and Alloxan Diabetes in Rats:
Jules Tuba and Robert Hoare .................................................. 168
Growth-regulating Substances in Laminaria agardhii: Louis G. Williams .................................................. 169

Comments and Communications
Dramamine and Motion Sickness; In Criticism of Chisholm's "Social Responsibility" .................................................. 170

Association Affairs
Meeting of the Pacific Division .................................................. 171

Scientific Book Register .................................................. 172

News and Notes .................................................. 173

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 Mc Govern Ave., Lancaster, Pa. Editorial and Advertising Offices, 1515 Mas-
sachusetts Ave., N.W., Washington 5, D. C. Telephone, Execu-

Manuscripts submitted for publication should be sent to the Editorial Office, with stamped, self-addressed envelope enclosed for possible return. The AAAS assumes no responsibility 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 at 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 from 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.
Science 110 (2850), 155-176.

http://science.sciencemag.org/content/110/2850.citation

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. The title Science is a registered trademark of AAAS.

Copyright © 1949 The Authors, some rights reserved; exclusive licensee American Association for the Advancement of Science. No claim to original U.S. Government Works.