

SCIENCE

Vol. 109 No. 2820 Friday, January 14, 1949

AAAS EDITORIAL BOARD
(Terms expire July 31, 1949)

 Arthur Bevan
 Edward Condon
 Bentley Glass
 Malcolm Soule
 Everett Wallis
 George Baitzell
 Editor-in-Chief

Advertising Representative
 F. A. Moulton

CONTENTS

Special Articles

Social Responsibility:

George Brock Chisholm 27

Technical Papers

 Synthesis of Enantiomeric α -Lecithins:
Erich Baer and Morris Kates 31

 Notes on the Life History of a Brachylaemid
 Trematode: *Edwin J. Robinson, Jr.* 32

 Vitamin B₁₄ and Cell Proliferation:
Earl R. Norris and John J. Majnarich 32

 Action of Enzymes on Vitamin B₁₄ and
 Pteridines:
Earl R. Norris and John J. Majnarich 33

 A Synthesis of Benzene, Toluene, and Benzoic
 Acid Labeled in the Ring With Isotopic
 Carbon: *Melvin Fields, Morris A. Leafner,*
and John Rohan 35

 A Comparative Study of the Hemoglobin and
 Red Blood Cells of Representative Diving
 and Dabbling Ducks:
Perry W. Gilbert and Charles F. Bond 36

 Liver Damage by Desoxycorticosterone:
E. S. Sinaiko and H. Necheles 37

 The Use of an Electrolytic Injector as a "Com-
 pensating Device" in Electrophoresis:
P. Johnson and E. M. Shooter 39

Comments and Communications

 Natural Vegetation in the Willamette Valley,
 Oregon; A Tree-Trunk Squeeze-Up in Lava;
 Climatic Changes and Dark Nebulae 41

In Memoriam

 Joyce Clennam Stearns: *Arthur H. Compton* 43

Book Reviews

 Mikro-Methoden: zur Kennzeichnung organ-
 ischer Stoffe und Stoffgemische:
 Ludwig Kofler and Adelheid Kofler.
 Reviewed by *A. J. Haagen-Smit* 44

 Industrial electronics reference book:
 Reviewed by *Ernst Weber* 44

 Drug research and development:
 Austin Smith and Arthur D. Herrick.
 (Eds.)
 Reviewed by *Walter H. Seegers* 44

Scientific Book Register 45

News and Notes 46

Science, a weekly journal 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. Editorial and Advertising Offices, 1515 Massachusetts Ave., N.W., Washington 5, D. C. Telephone, Executive 6060. 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 the special rate of postage provided for in the Act of February 28, 1925, embodied in Paragraph 4, Sec. 538, P.L. and R., authorized January 13, 1948. Application for additional entry at Washington, D. C., pending.

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

109 (2820)

Science **109** (2820), 27-50.

ARTICLE TOOLS

<http://science.sciencemag.org/content/109/2820.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.