

SCIENCE

Vol. 109 No. 2841 Friday, June 10, 1949



AAAS EDITORIAL BOARD	
<i>(Terms expire July 31, 1949)</i>	
Arthur C. Bevan	Edward U. Condon
H. Bentley Glass	Everett S. Wallis
Malcolm H. Soule	George A. Baitsell
	Editor-in-Chief
	Beth Wilson
	Executive Editor of Science
F. A. Moulton, Advertising Representative	

CONTENTS

Quantitative Relations in the Physiological Constitutions of Mammals: <i>E. F. Adolph</i>	579	A Comparable Study of Oyster Condition: <i>Robert M. Ingle</i>	593
Detail and Survey Radioautographs: <i>Wm. Ward Wainwright</i>	585	Maximal Consumption of Ethyl Alcohol: <i>Henry W. Newman</i>	594
Technical Papers		Preliminary Observations on the Biological Effects of Radiation on the Life Cycle of <i>Trichinella spiralis</i> : <i>Joseph E. Alicata</i> and <i>George O. Burr</i>	595
A New Group of Plant Growth Regulators: <i>Otto L. Hoffmann</i> and <i>Allen E. Smith</i>	588	Effect of Temperature on the Mutual Adhesiveness of Epithelial Cells: <i>Irving Zeidman</i>	596
Maleic Hydrazide, a Unique Growth Regulant: <i>D. L. Schoene</i> and <i>Otto L. Hoffmann</i>	588	Comments and Communications	
A Preliminary Report of the Successful Treatment of Amebiasis with Aureomycin: <i>L. V. McVay</i> , <i>R. L. Laird</i> , and <i>D. H. Sprunt</i>	590	The Electrochemical Restoration of Badly Corroded Silver-Copper Alloy Objects; A Third Record of the Whale Shark, <i>Rhineodon Typus</i> , in the Caribbean Sea; Some Current Misconceptions of N. L. Sadi Carnot's Memoir and Cycle	597
Studies on Arthropod Cuticle. III. The Chitin of <i>Limulus</i> : <i>A. Glenn Richards</i>	591	News and Notes	599
Temperature Measurement inside the Body Using a Thermistor: <i>J. M. Benjamin, Jr.</i> and <i>Steven M. Horvath</i>	592		

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 postage provided for in the Act of February 28, 1925, embodied in Paragraph 4, Sec. 538, P.L. and R., authorized January 13, 1948.

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.