CONTENTS

The History of Oxygen:
Malcolm Dole ........................................... 77

On the Origin of the Chemical Elements: D. ter Haar ........................................... 81

Technical Papers
The Influence of Thyroid and Thiouracil on Mice Exposed to Roentgen Radiation:
Henry C. Blount, Jr., and Willie W. Smith 83

A Method for Studying Growth in Different Groups of Arthropods: Curtis L. Newcombe 84

Cultivation of the Lansing Strain of Poliomyelitis Virus in Cultures of Various Human Embryonic Tissues:
John F. Enders, Thomas H. Weller, and Frederick C. Robbins ........................................... 85

Insect Vectors of Phony Peach Disease:
William F. Turner ........................................... 87

Inhibition of the Adenosinetriphosphatase Activity of Preparations of Myosin:
Francis Bankley ........................................... 88

Comments and Communications
In Support of Michurin's Biological Theory in Higher Institutions of Learning; Instruments for Recording Blood Pressure; Requesting Reprints From Abroad ........................................... 90

In Memoriam
Robert G. Green: Peyton Rous ........................................... 93
Robert Tracy Jackson: Joseph A. Cushman ........................................... 93

Association Affairs
AAAS Officers—1949 ........................................... 94

Books Reviews
Lehrbuch der inneren Sekretion: F. Verzár. Reviewed by Theodore Koppanyi ........................................... 95


Scientific Book Register ........................................... 96

News and Notes ........................................... 97


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 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.