C O N T E N T S

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. Newcomb 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 Binkley 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. Verzar. 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 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.