

# • First Glances at New Books

Additional Reviews  
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## GENETICS

MAMMALIAN GENETICS — William E. Castle — *Harvard Univ. Press*, 164 p., illus., \$2. Although mammals, even mice and guinea pigs, are much more difficult as materials for breeding experiments, they nevertheless furnish a more satisfactory basis for genetic study than the familiar drosophila, partly because the student is more familiar with them and more interested in them, partly because of the obviously greater practical importance of mammals in everyday life. Sooner or later it becomes necessary to find out if what we have learned of drosophilan genes holds good for mice and men. This new book by Prof. Castle is a worthy presentation of the facts as now known.

*Science News Letter, June 15, 1940*

## CHEMISTRY

REFERENCE BOOK OF INORGANIC CHEMISTRY (Rev. ed.)—Wendell M. Latimer and Joel H. Hildebrand—*Macmillan*, 563 p., \$4. This popular and widely used reference book in chemistry was first published in 1928. It has now been revised and brought up to date.

*Science News Letter, June 15, 1940*

## BOTANY

FLORA OF THE AGUAN VALLEY AND THE COASTAL REGIONS NEAR LA CEIBA, HONDURAS—T. G. Yuncker—*Field Museum of Natural History*, 101 p., 75c.

*Science News Letter, June 15, 1940*

## ENGINEERING

HIGHLINERS, A Railroad Album—Lucius Beebe—*Appleton-Century*, 103 p., \$5. For the many thousands of Americans for whom railroads have a fascination, this collection of photographs will have appeal. Many people who know of Lucius Beebe only as the author of the sophisticated New York column will see in this book a new side to his nature.

*Science News Letter, June 15, 1940*

## BIBLIOGRAPHY

INDEX TO THE LITERATURE OF FOOD INVESTIGATION, Vol. II, No. 1, June, 1939; No. 2, Sept., 1939; No. 3, Dec., 1939—Agnes Elisabeth Glennie, comp.—*British Library of Information*, 304 p., \$1.35 per number.

*Science News Letter, June 15, 1940*

## AGRICULTURE

OUTLINE OF DISEASE OF CEREAL AND FORAGE CROP PLANTS OF THE NORTHERN PART OF THE UNITED STATES—James G. Dickson—*Burgess Pub. Co.*, (mimeographed), 259 p., \$3. Plant diseases and

their causal organisms, listed according to host plants. Of especial usefulness to phytopathologists will be the full lists of literature references appended to each section.

*Science News Letter, June 15, 1940*

## BIOLOGY

DETERIORATION OF PAPER, The Cause and Effect of Foxing—T. D. Beckwith, W. H. Swanson and T. M. Iiams—*Univ. of Calif. Press*, 38 p., 75c.

*Science News Letter, June 15, 1940*

## MEDICINE—CHEMISTRY

CHEMISTRY AND MEDICINE, Papers Presented at the Fiftieth Anniversary of the Founding of the Medical School of the University of Minnesota—Maurice B. Visscher, ed.—*Univ. of Minn. Press*, 296 p., illus., \$4.50. The busy practicing physician will find in this volume a clear and compact summary of the recent advances in chemical and other laboratories which are giving better tools for healing sick people. The book is too technical for lay reading, but will be of interest to medical scientists in general as well as to physicians.

*Science News Letter, June 15, 1940*

## CHEMISTRY

THE ORDINAL OF ALCHIMY, Being a Facsimile Reproduction from Theatrum Chemicum Britannicum, with annotations by Elias Ashmole—Thomas Norton—*Williams & Wilkins*, 125 p., \$2.50. First published in 1931, this beautiful facsimile of a famous book in chemical history has recently become available again, and is restored to the Williams and Wilkins list.

*Science News Letter, June 15, 1940*

## EDUCATION

THE WORKER'S ROAD TO LEARNING—T. R. Adam—*Amer. Assoc. for Adult Education*, 162 p., \$1.25. A study of how workers continue or obtain their education while they are working. One of a series on the social significance of adult education.

*Science News Letter, June 15, 1940*

## BIBLIOGRAPHY

EDUCATIONAL RECORDINGS FOR CLASSROOM USE (Rev. April 1940)—*Assoc. of School Film Libraries*, 22 p., 50c. Records which may be used by schools, clubs or in the home. A variety of subjects are covered, such as history, literature, foreign languages and traffic safety. Prices and addresses of distributors are given.

*Science News Letter, June 15, 1940*

## SPORTS

MODERN CAMPING GUIDE—George W. Martin—*Appleton-Century*, 349 p., \$2.50. What to take, how to get about, what to do when you get where you're going—all told simply but adequately and well illustrated with diagrammatic sketches. The beginner will find it invaluable, and the veteran will doubtless pick up tips on a good many points he somehow missed learning before.

*Science News Letter, June 15, 1940*

## ZOOLOGY

WONDER CREATURES OF THE SEA—A. Hyatt Verrill—*Appleton-Century*, 272 p., illus., \$3. Now that summer sojourns at the seaside are beginning, many readers will find this book helpful in understanding the strange things they find among the rocks and in the tide pools.

*Science News Letter, June 15, 1940*

## NATURAL HISTORY

ANNUAL REPORT OF THE DIRECTOR TO THE BOARD OF TRUSTEES FOR THE YEAR 1939—*Field Museum of Natural History*, 173 p., \$1. (Report Series, Vol. 12, No. 1.)

*Science News Letter, June 15, 1940*

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Additional Reviews

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## HORTICULTURE

GARDENING WITHOUT SOIL—A. H. Phillips—*Chemical Pub. Co.*, 137 p., illus., \$2. The first book on soilless culture methods to come out of England. It is written, of course, with a special eye for British conditions (especially British climatic conditions); for which very reason, perhaps, it is decidedly worth study by anyone who is seriously interested in this new and potentially important development in horticulture.

*Science News Letter, June 15, 1940*

## PSYCHOLOGY

RELAXATION IN EVERYDAY LIFE—E. J. Boome and M. A. Richardson—*Sherwood Press*, 131 p., \$2. A British physician and speech therapist give advice on how to "let go" that is timely in these days of stress.

*Science News Letter, June 15, 1940*

## NATURAL HISTORY

DOWN TO EARTH, A Naturalist Looks About—Alan Devoe; illus. by Gertrude M. Bradley and D. F. Levett Bradley—*Coward-McCann*, 228 p., illus., \$2.50. From paramacia and oysters to hawks and tigers, the whole animate world has supplied this thoughtful naturalist with material for the essays that have been assembled to make up this book. Good reading alike for those interested in living things and for those interested in a living literary style.

*Science News Letter, June 15, 1940*

## ZOOLOGY

MY FRIENDS THE BABOONS—Eugène N. Marais—*McBride*, 124 p., \$1.75. Careful observations by a South African naturalist, who lived for years in the close neighborhood of baboon communities. He found an astonishing degree of "humanness" among these little known, little understood primates.

*Science News Letter, June 15, 1940*

## ECONOMICS

THE ENGLISH HIRE - PURCHASE ACT, 1938, A Measure to Regulate Instalment Selling—John E. Hamm—*Russell Sage Foundation*, 59 p., 50c.

*Science News Letter, June 15, 1940*

## TRAVEL

TIXIER'S TRAVELS ON THE OSAGE PRAIRIES—John Francis McDermott, ed.; translated from the French by Albert J. Salvan—*Univ. of Oklahoma Press*, 309 p., map, \$3. First published English translation of a rare item of western

Americana, this volume tells the experiences of a traveler who spent several months in Osage villages and on their summer hunt just a century ago.

*Science News Letter, June 15, 1940*

## GEOLOGY

DICTIONARY OF GEOLOGICAL TERMS (Exclusive of Stratigraphic Formations and Paleontologic Genera and species)—C. M. Rice—*Author, 14 Vandeventer Ave., Princeton, N. J.*, 461 p., \$6. Here is a geology book which the non-geologist will welcome even more than the geologist, for it will help him through the mazes of a professional jargon which in spots stumps even the elect. It tells the precise meanings of *aa* and *zyklopisch*, and of many an equally puzzling word in between. It is a "must" for all geological and general library reference shelves.

*Science News Letter, June 15, 1940*

## ECONOMICS

CONSUMER CREDIT AND ECONOMIC STABILITY — Rolf Nugent — *Russell Sage Foundation*, 420 p., \$3. This book is based on a number of studies made by the Foundation, of consumer credit. Its thesis is "that consumer credit fluctuations have contributed substantially to the amplitude of cyclical movements in recent years and that they represent an increasingly powerful force toward economic instability."

*Science News Letter, June 15, 1940*

## RADIO

RADIO WORKERS—Picture Facts Associates; Alice V. Keliher, ed.—*Harper*, 56 p., \$1. With its numerous illustrations, this addition to the publisher's series of "Picture Fact Books" should be of particular interest to a young person who is thinking of radio as a career. Rudolf Modley, designer of SCIENCE NEWS LETTER's "Telefact," has contributed pictorial charts.

*Science News Letter, June 15, 1940*

## CHEMISTRY

GENERAL CHEMISTRY, A First Course—Leona E. Young and C. W. Porter—*Prentice-Hall*, 644 p., illus., \$3.50. A new text, intended for use in a college course, which does not require any high-school chemistry as a prerequisite. Because of this, and the completeness of the book, it should be of value to anyone wishing a simple yet up-to-date reference work on chemical science.

*Science News Letter, June 15, 1940*

## BOTANY

ROCKY MOUNTAIN TREES—Richard J. Preston, Jr.—*Iowa State College Press*, 366 p., illus., \$2. With a great deal of information packed into a minimum of space, and unusually good illustrations, this book will prove useful not only to students resident in the Rocky Mountain region but also to those visiting there for summer courses, and for the traveling tree-loving public generally. Small distribution maps included with species illustrations are materially helpful.

*Science News Letter, June 15, 1940*

## CHEMISTRY

FRUIT PECTINS, Their Chemical Behaviour and Jellying Properties—C. L. Hinton — *Chemical Pub. Co.*, 96 p., \$1.75. The housewife making jelly would probably find little of interest in this report, but it will be useful to anyone concerned with the technical features of what makes jellies jell.

*Science News Letter, June 15, 1940*

## MATHEMATICS

INTRODUCTION TO THE CALCULUS—Arnold Dresden—*Holt*, 428 p., \$3.40. A new text by the professor of mathematics at Swarthmore College.

*Science News Letter, June 15, 1940*

## MATHEMATICS

BRIEF COURSE IN ANALYTICS—M. A. Hill, Jr. and J. B. Linker—*Holt*, 204 p., \$1.36. The authors, members of the faculty of the University of North Carolina, have here produced an introduction to analytic geometry, intended for a three hour per week college course.

*Science News Letter, June 15, 1940*

## TECHNOLOGY

LEATHER FINISHES, Their Formulation, Manufacture and Application—J. S. Mudd—*Chemical Pub. Co.*, 113 p., \$4.25. Contains full information concerning all types of finishes, the raw materials used in their manufacture and the methods by which they are produced.

*Science News Letter, June 15, 1940*

## RADIO

RADIO AS A CAREER—J. L. Hornung—*Funk and Wagnalls*, 212 p., \$1.50. A book which includes practically all that one might want to know about getting into radio work—what the openings are, the training that is required, how much the jobs pay, etc. This is one of the Kitson Careers Series.

*Science News Letter, June 15, 1940*