

# • First Glances at New Books

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## Gardening

**FRIDAY-TO-MONDAY GARDENING**—Margaret Olthof Goldsmith—*Whittlesey*, 195 p., plates, \$2.50. Many of us can spare time for work around the place only on week-ends. Here is a book that tells us how successful landscaping and gardening of a suburban home can be managed on that basis.

*Science News Letter, May 1, 1937*

## Nutrition

**VITAMINS IN THEORY AND PRACTICE** (2d ed.)—Leslie J. Harris—*Cambridge (Macmillan)*, 242 p., illus., \$3. New knowledge of vitamins develops so quickly that it is difficult even for scientists to keep up with it. The second edition of this book, appearing just a year after the first, has been revised and enlarged so that it will help the layman keep his knowledge up-to-date.

*Science News Letter, May 1, 1937*

## Aeronautics—Biography

**HEROES OF THE AIR** (rev. ed.)—Chelsea Fraser—*Crowell*, 786 p., illus., \$2.50. The history of modern aviation as traced through the exploits of men who have become heroes of the air. This 15th printing brings the record up to the beginning of 1937.

*Science News Letter, May 1, 1937*

## Juvenile Recreation

**PLAY STREETS AND THEIR USE FOR RECREATIONAL PROGRAMS**—Edward V. Norton—*A. S. Barnes*, 77 p., \$1.

*Science News Letter, May 1, 1937*

## Chemistry

**THE CHEMISTRY OF NATURAL PRODUCTS RELATED TO PHENANTHRENE** (2nd ed.)—L. F. Fieser—*Reinhold*, 456 p., \$7. This revision of a widely-used reference

book covers the field up to January 1, 1937. Phenanthrene compounds need no introduction to the chemist for they are related to the bile acids, sex hormones, heart poisons, and cancer-causing products.

*Science News Letter, May 1, 1937*

## Entomology

**INSECT PEOPLE**—Eleanor King and Wellmer Pessels—*Harper*, 63 p., illus., \$1.25. A slender book about insects, with text in language simple enough for rather young readers yet vivid enough to hold the attention of adults. Photographs by artists like Chace, Brownell, and the late Cornelia Clarke assure highest quality in the generously supplied illustrations.

*Science News Letter, May 1, 1937*

## Mathematics

**MATHEMATICAL SNACK BAR: A COLLECTION OF NOTES AND RESULTS**—Norman Alliston—*Chemical Pub. Co. of N. Y.*, 155 p., \$3. Special solutions and other interesting bits of mathematical accumulations acquired in 25 years of association with the subject are included. The work was originally published in England.

*Science News Letter, May 1, 1937*

## Engineering

**THE GASOLINE AGE: THE STORY OF THE MEN WHO MADE IT**—C. B. Glasscock—*Bobbs-Merrill*, 359 p., \$3. A swift-moving history of the automobile in America as reflected in the personalities that made it. It is filled with anecdote and highly readable.

*Science News Letter, May 1, 1937*

## Botany

**HOUSE PLANTS**—Robert Van Tress—*Field Museum*, 36 p., illus., 35c. A score and a half of the better-known and easier-to-raise potted plants, briefly described and well illustrated.

*Science News Letter, May 1, 1937*

## Geography

**THE GREAT SMOKY MOUNTAINS**—Laura Thornborough—*Crowell*, 147 p., plates, \$2. The Great Smokies hold a land of great beauty, of high scientific interest, of a till-yesterday isolated people strangely molded by their environment. Into all this Miss Thornborough gives us glimpses with well-chosen word and skilfully-made photograph, and she shows us foot trails that we may take to see some of it for ourselves, if we will.

*Science News Letter, May 1, 1937*

## Natural History

**DESERT NEIGHBORS**—Edith M. Patch and Carroll Lane Fenton—*Macmillan*, 170 p. illus., \$1.75. Jackrabbit and coyote, horned toad and sidewinder, road-runner and the woodpecker that digs its nest in a cactus tree—all these and many other ingenious and adaptable creatures that have succeeded in turning the Desert from enemy into friend are here paraded for the delight of even the youngest audience. The triad of virtues already well known for Patch-Fenton books, simplicity in language, strict accuracy in facts, liveliness in illustration is again well maintained.

*Science News Letter, May 1, 1937*

## Astronomy

**THE ACADEMY OF SCIENCES ALMANAC FOR THE YEAR 1937**—*Maryland Academy of Sciences*, 4 p., planet chart, 10c to members, 25c to non-members. Obtainable from the Academy, 2724 Charles St., Baltimore, Md.

*Science News Letter, May 1, 1937*

## Horticulture

**THE GARDEN OF GOURDS**—L. H. Bailey—*Macmillan*, 134 p., illus., \$2.50. Gourds are fascinating things to grow, but often terribly exasperating to the grower who wants to know just what he is growing. This book carefully takes cucurbit classification to pieces and makes the principal groups intelligible not only to the botanist but to the interested layman. There are a score or more of full-page illustrations in black-and-white, clearly showing critical determination characters.

*Science News Letter, May 1, 1937*

**PSYCHOLOGY OF SEX**  
by HAVELock ELLIS

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W. A. SILVEUS, Publisher  
832 Cambridge Oval, San Antonio, Texas

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## Medicine

THE CONTROL OF GOITER: THE THYROID IN HEALTH AND DISEASE—J. Thompson Stevens—*Barnes*, 209 p., illus., \$2.50. Much information about an important gland is presented in simple, easily read style. The author is chairman of the advisory board of the New York Goiter Committee.

*Science News Letter, May 1, 1937*

## History

ROMAN BRITAIN AND THE ENGLISH SETTLEMENTS—R. G. Collingwood and J. N. L. Myres—*Oxford*, 515 p., maps, \$5. A comprehensive history which analyzes political motives of the Caesars in Britain, fits archaeological discoveries into the historic narrative, and shows how British geography and social and economic conditions were shaped by Roman dominion, only to be reshaped in the Anglo-Saxon conquest. What survived from the Roman era is a particularly interesting problem, on which historians are revising their once confident views considerably.

*Science News Letter, May 1, 1937*

## Physics

ATOMS, MEN AND STARS—Rogers D. Rusk—*Knopf*, 298 p., \$3. An adequate and understandingly written survey of recent developments in physical science related to philosophy and life in general. The author is associate professor of physics at Mount Holyoke College. He brings together work in different fields and allows the reader to see what science is doing and where it may be going.

*Science News Letter, May 1, 1937*

## Medicine

ON YOUR GUARD! THE PREVENTION AND TREATMENT OF SEX DISEASES—Carl Warren—*Emerson*, 160 p., \$1. Written with a frankness that would shock an earlier generation, this book gives specific, practical information on syphilis and gonorrhea, their symptoms, treatment and prevention.

*Science News Letter, May 1, 1937*

## Horticulture

WINE GRAPES, THEIR SELECTION, CULTIVATION AND ENJOYMENT—Philip M. Wagner—*Harcourt, Brace*, 298 p., plates, \$2.50. The author's thesis is that Americans, in many parts of our country, could profitably make their own table wines from home-grown grapes, as continental Europeans do. To them he brings the fruits of his long learning

and experience with wine grapes, discourses on pure *vinifera* types and the many hybrids, tells how to propagate and prune, districts the United States and suggests best varieties for each district. He does not tell how to make wine, but he does give adequate guidance for every step of the way to the very edge of the winepress.

*Science News Letter, May 1, 1937*

## Horticulture

AS ONE GARDENER TO ANOTHER—Lucy M. Ellis—*Crowell*, 279 p., \$2.50. The author weaves her own gardening experiences into her book; which gives a comforting atmosphere of assurance that "this and this have been actually tried, and they came out all right."

*Science News Letter, May 1, 1937*

## Genetics

ANIMAL BREEDING PLANS—Jay L. Lush—*Collegiate*, 350 p., \$3. A textbook on animal breeding that will be very effective in helping college students to get more out of courses in both theoretical and applied genetics, and will also be highly useful on the reference shelf of the manager of herds and flocks where really scientific handling is being attempted.

*Science News Letter, May 1, 1937*

## Physics

THE THEORY OF METALS, BASED ON AN ESSAY AWARDED THE ADAMS PRIZE IN THE UNIVERSITY OF CAMBRIDGE, 1931-1932—A. H. Wilson—*Cambridge (Macmillan)*, 272 p., \$5. The electron theory of metals is presented in the light of the developments of the last ten years.

*Science News Letter, May 1, 1937*

## Zoology

A BEAST BOOK FOR THE POCKET, THE VERTEBRATES OF BRITAIN, WILD AND DOMESTIC OTHER THAN BIRDS AND FISHES—Edmund Sanders—*Oxford*, 378 p., col. plates., \$3.

*Science News Letter, May 1, 1937*

## Gynecology

CHILDLESS: A STUDY OF STERILITY, ITS CAUSES AND TREATMENT—Sam Gordon Berkow—*Lee Furman*, 307 p., illus., \$3. As a basis for understanding the causes and treatment of sterility, the author of this book for the layman describes in some detail the process of reproduction and points out the various conditions which may interfere with the process.

*Science News Letter, May 1, 1937*

## Folk Music

A SONG CATCHER IN SOUTHERN MOUNTAINS—Dorothy Scarborough—*Columbia Univ. Press*, 476 p., \$4.50. Early settlers in the mountains of Virginia and North Carolina brought with them their songs—English, Irish and Scotch; and for the hundreds of years these mountaineers have lived, isolated from the bustling eastern seaboard, these folk songs have been handed down from generation to generation. Miss Scarborough has written them down for us—words and music.

*Science News Letter, May 1, 1937*

## Aviation

THE CONQUEST OF THE STRATOSPHERE—Chas. G. Philp—*Pitman*, 205 p., \$2.50. A British book tracing the record of modern stratosphere flights and the physical characteristics of that high-overhead world which someday may be the path of long distance airplane flights. The information on the Russian ascensions may be new to many American readers.

*Science News Letter, May 1, 1937*

## Chemistry

ELEMENTARY CHEMISTRY—Douglas G. Hill, John H. Saylor, Warren C. Vought and Robert N. Wilson—*Holt*, 473 p., \$2.50. A Duke University text which strives to keep general chemistry up with the advancing thought of physics and physical chemistry. Emphasis is thus placed somewhat on a clear presentation of modern electrolyte theory and on the latest theory of atomic structure.

*Science News Letter, May 1, 1937*

## Agronomy

SOILS OF IOWA—P. E. Brown—*Iowa Agricultural Experiment Station*, 265 p., illus., 50c. Ask any patriotic Iowan what kinds of soils there are in his state, and he will answer proudly (and correctly), "Good soils!" But agronomists and dirt farmers alike need to know more. Telling more about Iowa soils is the business of this publication, and it does so capably and thoroughly.

*Science News Letter, May 1, 1937*

## Engineering

THE AMERICAN SOCIETY OF HEATING AND VENTILATING ENGINEERS GUIDE, 1937. Vol. 15—*Amer. Soc. Heating & Ventilating Engineers*, 1128 p., illus., \$5.

*Science News Letter, May 1, 1937*