

# •First Glances at New Books

## Astronomy

**STARS AND MEN**—Stephen A. Ionides and Margaret L. Ionides—*Bobbs-Merrill*, 460 p., \$4. Delightful reading for the layman with an interest in astronomy is this book which, in conversational style, dips into the ancient, old and modern of astronomy to tell its story. Time, the seasons, the sun, the moon, comets, eclipses, the calendar, stars, navigation, geography and the cosmos; all these and more are included.

*Science News Letter, December 9, 1939*

## Nutrition

**FOOD AND LIFE**, Yearbook of Agriculture 1939—U. S. Department of Agriculture—*Govt. Print. Off.*, 1165 p., \$1.50. See page 381.

*Science News Letter, December 9, 1939*

## Ornithology

**THE GEESE FLY HIGH**—Florence Page Jaques; Illus. by Francis Lee Jaques—*Univ. of Minn.*, 100 p., \$3. A personal narrative of the ways of strong and noble birds, embellished with black-and-white drawings of breath-taking beauty. If you count a birdlover or a really civilized sportsman among your friends, here is an ideal Christmas gift.

*Science News Letter, December 9, 1939*

## Paleobotany

**LEAVES AND STEMS FROM FOSSIL FORESTS**, A Handbook of the Paleobotanical Collections in the Illinois State Museum—Raymond E. Janssen—*Illinois State Museum*, 190 p., \$1.25. Well-written descriptions of the collection of coal-bed plant fossils prepared by the remarkable technique of George Langford (See *SNL*, Dec. 2) and now deposited with the Illinois State Museum. The illustrations do justice to the beauty of the originals.

*Science News Letter, December 9, 1939*

## Biology

**BASIC BIOLOGY**—Cyril E. Abbott—*Burgess*, 111 p., \$2.

*Science News Letter, December 9, 1939*

## Taxonomy

**KEYS TO THE PHyla OF ORGANISMS**, Including Keys to the Orders of the Plant Kingdom—Fred A. Barkley—*For sale at Associated Students' Store, Montana State Univ., Missoula, Mont.*, 39 p., 75c. A working key intended for university student use, carrying all organisms as far as their phyla, and plants as far as orders. The classical division into plant and animal Kingdoms is par-

tially abandoned and two additional Kingdoms (Monera and Protista) are put at the bottom of the ladder.

*Science News Letter, December 9, 1939*

## General Science

**THE NOTEBOOKS OF LEONARDO DA VINCI** (New one-volume ed.)—Edward MacCurdy, trans. and ed.—*Reynal & Hitchcock*, 1247 p., \$5. Because of the European crisis, it will not be possible to import more copies of the two-volume de luxe edition issued in 1938. The entire work has been reset and published in attractive form in one volume. See *SCIENCE NEWS LETTER* of Nov. 19, 1938.

*Science News Letter, December 9, 1939*

## Biology

**GARDEN CREATURES**—Eleanor King and Wellmer Pessels—*Harper*, 64 p., \$1.25. Easy, chatty little descriptions of insects, spiders, worms, toads, etc., with plenty of striking illustrations.

*Science News Letter, December 9, 1939*

## Juvenile

**PORKEY, AN ARKANSAS RAZORBACK**—James L. Lockhart—*Albert Whitman*, 64 p., \$1. How a razorback shoat went to college, wore a Freshman's green cap, and helped win a football game.

*Science News Letter, December 9, 1939*

## Paleontology

**CAMBRIAN MEROSTOMATA**—Gilbert O. Raasch—*Geological Soc. of Amer.*, 146 p., 21 pl., \$1.25. A monograph on an interesting and obscure group of extinct arachnida.

*Science News Letter, December 9, 1939*

## Chemistry

**INTRODUCTION TO PHYSIOLOGICAL AND PATHOLOGICAL CHEMISTRY**—L. Earle Arrow—*Mosby*, 555 p., \$3.50. An elementary text for nurses' training schools, with laboratory experiments, questions and problems.

*Science News Letter, December 9, 1939*

## Archaeology

**AN ARCHAEOLOGICAL SURVEY OF NORTHWESTERN ARIZONA INCLUDING THE DESCRIPTIONS OF FIFTEEN NEW POTTERY TYPES**—Harold S. Colton—*Northern Ariz. Soc. of Sci. & Art*, 29 p., 80c.

*Science News Letter, December 9, 1939*

## Hobbies

**LOW-COST CRAFTS FOR EVERYONE**—H. Atwood Reynolds—*Greenberg*, 332 p., \$2.50. Price correction.

*Science News Letter, December 9, 1939*

## Engineering

**A HISTORY OF THE GROWTH OF THE STEAM-ENGINE** (Centennial ed.)—Robert H. Thurston—*Cornell Univ. Press*, 555 p., \$3. Here is one of the most famous and widely used books on the history of the steam engine ever written, first published in 1878, and brought up to date by additional material. As director of the Sibley College of Mechanical Engineering at Cornell University from 1885-1903, Prof. Thurston was a recognized authority on the subject. Despite the appearance of newer books, the Thurston classic is highly regarded for the period it covers. Now, with a supplementary chapter by Prof. W. N. Barnard, Prof. Thurston's successor at Cornell, it has been modernized.

*Science News Letter, December 9, 1939*

## Ornithology—Photography

**HAWKS IN THE HAND**, Adventures in Photography and Falconry—Frank and John Craighead—*Houghton Mifflin*, 290 p., 57 pl., \$3.50. See page 383.

*Science News Letter, December 9, 1939*

## Documentation—Sociology

**RESEARCH MATERIALS IN THE SOCIAL SCIENCES**—Louis Kaplan, comp.—*Univ. of Wisconsin Press*, 36 p., 60c. This small booklet contains "an annotated guide to bibliographies, newspapers and periodicals, government documents, manuscripts and other source materials, dissertations, book reviews, statistics and general reference works, with instructions for obtaining materials through inter-library loans."

*Science News Letter, December 9, 1939*

## Botany

**GENUS LABORDIA, HAWAIIAN EUPHORBIAEAE, LABIATAE AND COMPOSITAE**—Earl Edward Sherff—*Field Museum of Natural History*, 174 p., \$1.25.

*Science News Letter, December 9, 1939*

## Technology

**A. S. T. M. STANDARDS ON TEXTILE MATERIALS**, October, 1939—*American Society For Testing Materials*, 324 p., \$2.

*Science News Letter, December 9, 1939*

## Bacteriology

**BACTERIOLOGY**—William W. Ford—*Hoeber*, 207 p., \$2.50. A compact history of bacteriology, from pre-microscopic times down to latest developments in virus and phage. An especially valuable feature is the 32-page bibliography.

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