

• First Glances at New Books

Radio

HISTORY OF RADIO TO 1926—Gleason L. Archer—*American Historical Soc.*, 421 p., illus., \$4. A definitive, detailed history of radio, going back so far as to include even an account of communications by signals in early times. Besides the story of radio's invention and of technical developments, the volume contains an account of the fierce struggle for control of the airwaves during the 'twenties and the rise of network broadcasting, as well as the emergence of the radio microphone as a significant factor in American political life.

Science News Letter, May 6, 1939

Seismology

DESCRIPTIVE CATALOG OF EARTHQUAKES OF THE PACIFIC COAST OF THE UNITED STATES, 1769 TO 1928—Sidney D. Townley and Maxwell W. Allen—*Univ. of California Press*, 297 p., \$2. Bulletin of the Seismological Soc. of America, Vol. 29, No. 1.

Science News Letter, May 6, 1939

Entomology

THE BOYS' BOOK OF INSECTS—Edwin Way Teale—*Dutton*, 237 p., \$2. Vividly written and exceptionally well illustrated with many full-page halftones as well as line drawings showing how to make and use collectors' apparatus, this book is bound to appeal to boys—and will doubtless turn many a father into an assistant to his entomological offspring.

Science News Letter, May 6, 1939

Marine Biology

BETWEEN PACIFIC TIDES—Edward F. Ricketts and Jack Calvin—*Stanford*, 320 p., \$6. The tide-zone biota is taken up by habitats, and accounts are given of habits and life histories, so far as known, in addition to morphological descriptions. There are excellent photographic and line illustrations. All round, an excellent book for laboratory use as well as for the really interested beach wanderer.

Science News Letter, May 6, 1939

Economics

YOUR CITY—E. L. Thorndike—*Harcourt, Brace and Co.*, 204 p., \$2. See page 284.

Science News Letter, May 6, 1939

Malacology

WHAT SHELL IS THAT?—Percy A. Morris—*Appleton*, 198 p., \$2.25. Handily pocket-sized, each brief description accompanied by a halftone illustration, this manual will be found very valuable by

sojourners at the seashore, whether they are ardent followers of a fascinating branch of nature study or just casually interested in the scattered seashells.

Science News Letter, May 6, 1939

Engineering

THE REFRIGERATING DATA BOOK. VOL. I: REFRIGERATING PRINCIPLES AND MACHINERY (4th ed.)—*American Society of Refrigerating Engineers*, 527 p., \$4, \$4.50 foreign. Covers refrigerating, heat and power engineering, air conditioning, domestic and commercial refrigeration, and refrigeration applications. The second volume, to be published in 1941, will cover industrial and other applications of refrigeration.

Science News Letter, May 6, 1939

Horticulture

HARDY CHRYSANTHEMUMS—Alex Cumming, Jr.—*Whittlesey House*, 168 p., illus., \$2.50. Forehanded gardeners, looking to flowers that will be in bloom next frost-time, set hardy chrysanthemums out as soon as last winter's frost is out of the ground. This attractive, practical book tells what and how.

Science News Letter, May 6, 1939

Biology

A BIOLOGY OF FAMILIAR THINGS—George L. Bush, Allan Dickie and Ronald C. Runkle—*American Book Company*, 695 p., \$1.92. A textbook in elementary biology that should be a great success because it teaches the students to use their own eyes and ears to find illustrations in the home cat and canary, window-box and lawn, and carries them out into field and forest.

Science News Letter, May 6, 1939

Botany

EDIBLE WILD PLANTS—Oliver Perry Medsger—*Macmillan*, 323 p., \$3.50. See page 286.

Science News Letter, May 6, 1939

Psychology

THEORIES OF SENSATION—A. F. Rawdon-Smith—*Cambridge (Macmillan)*, 137 p., \$2.75. A British biologist writes this book in the hope of stimulating his colleagues to further research in this field.

Science News Letter, May 6, 1939

Psychology

MENTAL HYGIENE—William Henry Mikesell—*Prentice-Hall*, 456 p., \$2.50. The author described his ideas on how suggestion can be used by the individual to promote his efficiency and happiness.

Science News Letter, May 6, 1939

Horticulture

THE GARDENER'S LIBRARY—Edward I. Farrington, ed.—*Hale, Cushman and Flint*, \$1. per volume. **THE LAWN**, How to Make It and How to Maintain It—Charles W. Parker, 118 p.; **THE ROCK GARDEN**, and What to Grow in It—James H. Bissland, 128 p.; **THE VEGETABLE GARDEN**—Edward I. Farrington, 139 p.; **THE GARDENER'S ALMANAC**—Edward I. Farrington, 141 p. Four manuals for the home gardener, uniform in size and format, well illustrated, combining vision of beauty and use to be achieved with practical instructions in the grubbing, back-bending labor necessary for their achievement.

Science News Letter, May 6, 1939

Ornithology

THE JUNIOR BOOK OF BIRDS—Roger T. Peterson—*Houghton Mifflin*, 92 p., \$2. Large-print, simple-language text for young readers, and color plates by Allan Brooks and Bruce Horsfall for everybody's delight. Also, the wide margin of every page is filled with briskly executed little black-and-white sketches. All round, a most charming book, sure to engage the interest of the youngest generation of ornithologists.

Science News Letter, May 6, 1939

Biology

A CONTRIBUTION TO THE BIOLOGY OF NORTH AMERICAN VESPINE WASPS—Carl D. Duncan—*Stanford Univ. Press*, 272 p., Paper, \$2.50; Cloth, \$3.25. A monograph covering the morphology and life history of an important and interesting insect group.

Science News Letter, May 6, 1939

Zoology—Education

QUEER FARMS—Fred W. Orth and Maryland Van Artsdalen—*Ivan Deach, Jr., Pub., Burbank, Calif.*, 140 p., \$2. A book for boys and girls of sixth-grade age, written and illustrated by the members of the sixth grade of Ascot Public School in Los Angeles. It tells about some of the odd "farms" in Southern California, where they raise all sorts of things—ostriches, lions, alligators, even ladybirds and worms. Grownups, especially parents and teachers, can learn a good deal from this book.

Science News Letter, May 6, 1939

General Science

UNDERSTANDING OUR ENVIRONMENT—John C. Hessler and Henry C. Shoudy—*Sanborn*, 661 p., \$1.80. A junior high school text for general science use.

Science News Letter, May 6, 1939