

• First Glances at New Books

Entomology

THE BIOLOGICAL CONTROL OF INSECTS—Harvey L. Sweetman—*Comstock*, 461 p., \$3.75. A comprehensive treatment of the whole subject of biological control, discussing not only the familiar subject of "setting a thief to catch a thief" with insect against insect, but also such angles as the use of predatory vertebrates, of viruses and fungi, of invertebrates other than insects, and the encouragement of insect devourers of plants when the plants they devour happen to be weeds. Particularly interesting and useful is the chapter on modern methods of introducing insect parasites and predators.

Science News Letter, December 19, 1936

General Science

YEAR BOOK NO. 35: July 1, 1935—June 30, 1936—*Carnegie Institution of Washington*, 411 p., paper, \$1, cloth, \$1.50. See p. 387.

Science News Letter, December 19, 1936

Juvenile Fiction

IN THE STONE AGE, A BOY'S STORY OF EARLY PALEOLITHIC TIMES—Gregory Trent—*Harcourt, Brace*, 362 p., illus., \$2. The doings of people called Ak, Gog, Olu-Ra, Broken Nose and Whitehead, their enemies the Fire People, the saber-tooth cats and the rhinoceroses they feared, the lesser game they hunted, the fights they had, and how Ak finally won leadership of the horde.

Science News Letter, December 19, 1936

Zoology

ANIMALS OF THE CANADIAN ROCKIES—Dan McCowan—*Dodd, Mead*, 302 p., illus., \$3. Popular discussions of the mammalian fauna of one of North America's most interesting faunistic regions, in easy-going style that will charm many readers. The full-page half-tone illustrations (and there are a lot of them) are of exceptionally high quality and add not a little to the value of the book.

Science News Letter, December 19, 1936

Chemistry

CARBON DIOXIDE—Elton L. Quinn and Charles L. Jones—*Reinhold*, 294 p., \$7.50. The newest volume in the American Chemical Society series of scientific and technologic monographs. Selection of the material has been based on the very broad treatment of the many phenomena in nature and industry in which

carbon dioxide is an important factor. The needs of the industrial worker, the research student and the general reader have been kept in mind. Little effort has been made to make a detailed analysis of the carbon dioxide industry today because it was felt that such a review would have only historical interest in a very short time.

Science News Letter, December 19, 1936

Ventilating

VENTILATION MANUAL FOR SHEET METAL CONTRACTORS—Paul R. Jordan—*Scott*, 351 p., \$3. Non-technical discussion of ventilation.

Science News Letter, December 19, 1936

Physics

COSMIC RAYS, BEING THE HALLEY LECTURE DELIVERED ON 5 JUNE 1936—P. M. S. Blackett—*Oxford*, 25 p., II plates, 75c. Condensed into 25 pages of printed matter is a summary of cosmic rays by one of England's best known scientists. The subject is broken up into its three important classifications; geophysical, physical and astronomical aspects.

Science News Letter, December 19, 1936

Aeronautics

AIRPLANE AND ENGINE MAINTENANCE FOR THE AIRPLANE MECHANIC—Daniel J. Brimm and H. Edward Boggess—*Pitman*, 493 p., illus., \$2. Detailed discussion of the work of an aviation mechanic on a strictly trade basis. The volume is designed for three functions: 1. To serve as a home study course for the student mechanic; 2. as an aid to the instructor and students of secondary schools which may train aviation mechanics; 3. as a reference and handbook for the licensed mechanic.

Science News Letter, December 19, 1936

Geography

ARIZONA AND ITS HERITAGE—*University of Arizona*, 291 p., illus., \$1.50. An unusual publication, this bulletin contains 40 chapters each describing some interesting feature of Arizona. Topics include birds, vegetation, climate, Indian agriculture, national monuments, population and sociology.

Science News Letter, December 19, 1936

Nature Study

OUR PETS, 215 p.; ON THE FARM, 225 p.—Clyde Fisher and Marion L. Langham—*Noble and Noble*, each, 96c. Big-print nature-story books for youngest readers, with many attractive colored pictures.

Science News Letter, December 19, 1936

Ornithology

OCTOBER FARM, FROM THE CONCORD JOURNALS AND DIARIES OF WILLIAM BREWSTER—Ed. by Smith O. Dexter, introduction by Daniel Chester French—*Harvard*, 285 p., \$2.50. William Brewster was doubly blest: he loved birds, and he had many human friends who loved him. His intimate notes on his feathered friends (and much else that a man who uses both his eyes will see outdoors) have here been collected and sympathetically edited by one of the most intimate of his human friends. Naturalists everywhere will welcome the publication of this book.

Science News Letter, December 19, 1936

Food

THE STORY BOOK OF FOODS FROM THE FIELD: WHEAT, CORN, RICE, SUGAR—Maud and Miska Petersham—*Winston*, 128 p., colored illus., \$2.50. The stories of four of mankind's most important grass-formed foods, from the prehistoric twilight to the modern age of harvesting and processing super-machinery, told in simple but interesting style. Just the thing for children who have learned to read with some fluency, and who are getting their first geographical thrills out of learning about what other children do in other lands.

Science News Letter, December 19, 1936

Engineering

A. S. T. M. STANDARDS ON ELECTRICAL INSULATING MATERIALS—*American Society for Testing Materials*, 329 p., \$2.

Science News Letter, December 19, 1936

Botany

OLD-FASHIONED GARDEN FLOWERS—Donald Culross Peattie—*Field Museum*, 31 p., illus., 25c.

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