

# •First Glances at New Books

## AERONAUTICS

**WHAT'S THAT PLANE?** The Handbook for Practical Aircraft Identification — Walter B. Pitkin, Jr.—*Penguin*, 189 p., illus., 25c. The safety and even the lives of your neighbors may some day depend on your being able to tell by a look at an airplane in the air whether it is military plane or airliner, friend or foe. Meantime, airplane identification is fun, and can be mastered with the aid of the silhouettes, photographs and identifying data in this handy, pocket-size book published jointly by Penguin and The Infantry Journal. The planes included in this volume are those U. S., German, and Japanese aircraft most likely to be seen in large numbers over the United States, Canada, or Hawaii, or over shipping on the Atlantic.

*Science News Letter, April 4, 1942*

## PHILOSOPHY

**SCIENCE AND SANITY, An Introduction to Non-Aristotelian Systems and General Semantics** (2d ed.)—Alfred Korzybski—*Science Press Printing Co.*, 798 p., \$6. Second edition of a book that created something of a sensation when it first appeared eight years ago, and which was largely instrumental in the development of Semantics as a university subject. Experiences in these courses are in turn reflected in this new book.

*Science News Letter, April 4, 1942*

## HOME ECONOMICS

**WOMEN'S MEASUREMENTS FOR GARMENT AND PATTERN CONSTRUCTION**—Ruth O'Brien and William C. Shelton *Govt. Print. Off.*, 73 p., illus., 40c.

*Science News Letter, April 4, 1942*

## MEDICINE

**A PRIMER ON THE PREVENTION OF DEFORMITY IN CHILDHOOD**—Richard Beverly Raney and Alfred Rives Shands, Jr.—*National Society for Crippled Children*, 188 p., illus., \$1. Written for the family doctor, the public health nurse and welfare workers who, because they are likely to come in contact with the deformed or potentially deformed child before the orthopedist sees him, are in position to see that measures for prevention of deformity are started early.

*Science News Letter, April 4, 1942*

## ZOOLOGY

**COMPANION DOG TRAINING, A Practical Manual on Systematic Obedience; Dog Training in Word and Picture**—Hans Tossutti—*Orange Judd*, 226 p.,

illus., \$2. The average dog owner, when he acquires a puppy, has visions of training him to be a watchdog, retriever, or what not — at least of inculcating proper dog manners. But after a few desultory and half-hearted attempts he is all too apt to give it up and let the pup "just grow". This is usually the result of not knowing enough about the dog. This book, written by a man who does know dogs and has trained many of them successfully, should enable the person of average intelligence to train a dog of average intelligence into an obedient, well-mannered companion.

*Science News Letter, April 4, 1942*

## PHYSICS

**EXPERIMENTAL PHYSICS** — D. H. Bellamy—*Chemical Pub. Co.*, 255 p., \$3.75. English schools are now laying more emphasis on the practical side of physics than formerly. The 200 experiments described in this book are designed to meet that demand. They would serve well also for a practical laboratory course in American schools.

*Science News Letter, April 4, 1942*

## CHEMISTRY AND PHYSICS

**HANDBOOK OF CHEMISTRY AND PHYSICS** (25th ed.)—Charles D. Hodgman and Harry N. Holmes, eds.—*Chemical Rubber Co.*, 2503 p., \$3.50. Included in the new edition are a table of natural secants and cosecants, the new standardized symbols used in mathematics and science, and additional material on amino acids, isotopes, vitamins and photographic plate and film speeds.

*Science News Letter, April 4, 1942*

## ZOOLOGY

**INTRODUCTION TO VERTEBRATE EMBRYOLOGY** (4th ed.)—Waldo Shumway—*Wiley*, 372 p., illus., \$4. A new edition of one of the best-known textbooks in its field. The many new developments in embryology that have taken place since the appearance of the third edition, in 1935, have been duly taken into account in the revisions and additions made here.

*Science News Letter, April 4, 1942*

## BIOLOGY

**STUDIES AND ACTIVITIES IN BIOLOGY**—Chapin W. Day and Margaret Ritchie; John W. Ritchie, ed.—*World Book Co.*, 218 p., 80c. A workbook for high school courses.

*Science News Letter, April 4, 1942*

## ETHNOLOGY

**THE STORY OF EVERYDAY THINGS** — Arthur Train, Jr.—*Harper*, 428 p., illus., \$3.50. A well-known author, who has always been especially interested in the way people have lived on this continent, here presents a fascinating and comprehensive review of the material constituting the background of American history: Indian tipis, Spanish missions, French forts, Colonial mansions, pioneer cabins, modern houses—and hot-dog stands. The author turns them all inside out, showing the host of interesting objects they contain and explaining the human meanings of those objects.

*Science News Letter, April 4, 1942*

## BOTANY

**MOSS FLORA OF THE WILLAMETTE VALLEY, OREGON**—Clara J. Chapman and Ethel I. Sanborn—*Oregon State College*, 72 p., illus., 50c.

*Science News Letter, April 4, 1942*

## CHEMISTRY

**SEMIMICRO EXPERIMENTS IN GENERAL CHEMISTRY** — W. Bernard King — *Prentice-Hall*, 137 p., illus., \$2.50. This is a laboratory manual designed to wean the student away from wasteful habits acquired by the use of large-sized apparatus and reagents by the quart, and to accustom him to the use of small-sized apparatus and reagents by the drop, instead of thrusting him at once, and unprepared, into the rigors of microchemical analysis. Useful in school laboratories unable, because of the war, to obtain large quantities of chemicals.

*Science News Letter, April 4, 1942*

## ECONOMICS

**FAMILY EXPENDITURES IN THE UNITED STATES, Statistical Tables and Appendixes**—U. S. National Resources Planning Board—*Govt. Print. Off.*, 209 p., 50c.

*Science News Letter, April 4, 1942*

## MINERALOGY

**FIRE IN THE EARTH, The Story of the Diamond**—James Remington McCarthy—*Harper*, 263 p., \$2.50. Diamonds in romantic legend and vivid history, diamonds in cold fact and colder trade, gleam through the pages of this book. Of practical interest to the reader, perhaps, is the chapter on how to buy a diamond; also the final one on industrial diamonds.

*Science News Letter, April 4, 1942*