

First Glances at New Books

► **THIRD AND** last of a series by the same authors on fluorescent light and chemicals, **ULTRA-VIOLET LIGHT AND ITS APPLICATIONS**, by H. C. Dake and Jack DeMent (*Chemical Pub. Co.*, \$3.25). The first two considered theoretical aspects, this one takes up practical applications.

Science News Letter, October 3, 1942

► **PART OF** a series of Aeroscience Manuals covering all the sciences underlying aeronautics are the three books: **MECHANICAL PHYSICS**, by Herbert Dingle, \$2.25; **MODERN TRIGONOMETRY**, by M. J. G. Hearley, \$1.75; **WEATHER STUDY**, by David Brunt, \$2.25 (*Ronald Press*).

Science News Letter, October 3, 1942

► **AGAIN ONE** of the best-known of popular biographers undertakes the biography of a geographic region now again very much in history's spotlight. An exceedingly readable book is **THE MEDITERRANEAN, Saga of a Sea**, by Emil Ludwig (*Whittlesey*, \$3.75).

Science News Letter, October 3, 1942

► **A WORTHY** addition to the distinguished series of biological symposia staged by the American Association for the Advancement of Science is made in **LEVEL OF INTEGRATION IN BIOLOGICAL AND SOCIAL SYSTEMS**, under the editorship of Robert Redfield (*Jaques Cattell Press*, \$2.50).

Science News Letter, October 3, 1942

► **PROBLEMS OF** the mechanics of living things are philosophically discussed by a noted British scientist, Sir D'Arcy Wentworth Thompson, in a revised and enlarged edition of **GROWTH AND FORM** (*Macmillan*, \$12.50). One comes away from even a superficial examination of the book with a new appreciation of the old dictum, "God always geometrizes."

Science News Letter, October 3, 1942

► **THE WAR** has caused such a spectacular, if temporary, increase in the birthrate that many of us are apt to forget the number of couples who remain childless against their will. The number is estimated at one in every eight or nine. Happily, one-fourth to nearly one-half of them can be helped to have children by proper treatment. The methods of treatment and of examination to determine the cause of

childlessness are described in **FACTS FOR CHILDLESS COUPLES**, by E. C. Hamblen (*Thomas*, \$2). Although addressed to a special group of readers, the book might be read with profit by almost any young couple contemplating matrimony because of its clear explanation of the reproductive functions of men and women.

Science News Letter, October 3, 1942

► **THROUGH** the eyes and ears of a mechanically-minded young boy wandering through broadcasting studios, the reader is informed in **ALL ABOUT BROADCASTING**, by Creighton Peet (*Alfred A. Knopf*, \$1.75). In the control and transmitting rooms, engineers explain it all to him, and the author's camera helps the reader to visualize what the boy saw.

Science News Letter, October 3, 1942

► **THE FIRST** volume in what will undoubtedly prove to be an invaluable reference book for systematic ornithologists is **CATALOGUE OF BIRDS OF THE**

AMERICAS AND THE ADJACENT ISLANDS IN FIELD MUSEUM OF NATURAL HISTORY (Part I, No. I) by Charles E. Hellmayer and Boardman Conover (*Field Museum of Natural History*, \$5). This section covers families from Rheidae to Columbidae.

Science News Letter, October 3, 1942

► **A GREAT** city isn't necessarily the complete blight on nature that we are prone to think it. Many interesting birds are to be found right in Greater New York, many others within a rail ride of an hour or two. Allen D. Cruickshank tells about them in **BIRDS AROUND NEW YORK CITY**, which is No. 13 in the handbook series (*American Museum of Natural History*, \$1.75).

Science News Letter, October 3, 1942

► **A USEFUL**, readable text for students of nursing is **PSYCHOLOGY IN NURSING PRACTICE**, by Philip Lawrence Harriman, Lela L. Greenwood, and Charles E. Skinner (*Macmillan*, \$3.25).

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• Books Just Off the Press •

AIRCRAFT SHEET METAL WORKERS' MANUAL—Robert C. Look—*Goodheart-Willcox Co.*, 122 p., illus., \$2.50.

BLOOD SUBSTITUTES AND BLOOD TRANSFUSIONS—Stuart Mudd and William Thalheimer—*Charles C. Thomas*, 407 p., illus., \$5. Technical, up-to-the-minute as of June 1942.

EDWARD SYLVESTER MORSE—Dorothy G. Wayman—*Harvard Univ. Press*, 457 p., illus., \$4.50. Biography of eccentric zoologist with amazing versatile talents.

ELECTRICAL TRANSMISSION AND DISTRIBUTION REFERENCE BOOK—*Westinghouse*, 570 p., illus., \$5. A monumental book of importance to the engineers who keep the current flowing, published as a service to the electrical engineering profession.

EXCAVATIONS AT DEIR EL BAHRI—H. E. Winlock—*Macmillan*, 235 p., illus., \$5.

THE FARM BOOKKEEPER—Bert V. Tornborgh—*Orange Judd Pub. Co.*, 128 p., \$2.

FIELD CROPS AND LAND USE—Joseph F. Cox and Lyman Jackson—*Wiley*, 473 p., illus., \$3.75.

A FIRST COURSE IN MATHEMATICS—Edward Baker—*Van Nostrand Co.*, 295 p., diagr., \$3.

FRONTIER BY AIR—Alice Rogers Hager—*Macmillan*, 243 p., illus., \$3.50. Birds' eye view of our neighbors to the south.

INTRODUCTION TO PARASITOLOGY—A. S. Pearse—*Charles C. Thomas*, 357 p., illus., \$3.75. Text for college students.

MAN AND HIS PHYSICAL WORLD—Dwight E. Gray—*Van Nostrand Co.*, 665 p., illus., \$3.75.

MAN'S MOST DANGEROUS MYTH: THE FALLACY OF RACE—M. F. Ashley Montagu—*Columbia Univ. Press*, 216 p., \$2.25.

A MANUAL OF EXPERIMENTAL EMBRYOLOGY—Viktor Hamburger—*Univ. of Chicago Press*, 213 p., illus., \$2.50. Technical.

MECHANICAL PHYSICS—Herbert Dingle—*Ronald Press*, 248 p., charts, \$2.25.

MODERN TRIGONOMETRY—M. J. G. Hearley—*Ronald Press*, 168 p., charts, \$1.75.

MOUNTAINS—Carroll Lane Fenton and Mildred Adams Fenton—*Doubleday*, 160 p., illus., \$2.50. Beauty and information.

PHOTOGRAPHIC EXPOSURE COMPUTER—*American Standards Ass'n*, 24 p., illus., \$1. Contains tables and a dial for computing exposures.

PLANT-GROWTH REGULATORS—John W. Mitchell and Ruby R. Rice—*Gov't Print. Office*, 75 p., illus., 20c.

PRIVATE PILOT'S HANDBOOK—A. G. Norwood—*Pitman*, 258 p., illus., \$2.50. Based on experiences of an education specialist of C. A. A.

RECONNAISSANCE WORK IN THE UPPER RIO GRANDE VALLEY COLORADO AND NEW MEXICO—E. B. Renaud—*Univ. of Denver Press*, 36 p., illus., 50c.

WEATHER STUDY—David Brunt—*Ronald Press*, 215 p., illus., \$2.25.

WIRELESS AND HOW IT WORKS—*Longmans*, 56 p., diagr., 40c. Simple, brief nontechnical explanation.

YOUR CAREER IN ENGINEERING—Norman V. Carlisle—*Dutton*, 253 p., illus., \$2.50.