

•First Glances at New Books

NAVIGATION

MANUAL OF CELESTIAL NAVIGATION—Arthur A. Ageton—*Van Nostrand*, 103 p., \$1.85. Short cuts in navigation and tables from which solutions can be obtained at one opening of the book without interpolations. By the head of the Navigation Division of the U. S. Naval Academy.

Science News Letter, July 18, 1942

CONSERVATION

CONSERVATION OF NATIONAL RESOURCES, An Educational Approach to the Problem—George T. Renner—*Wiley*, 228 p., illus., \$2.75. A textbook for classes in conservation. If the teachers of tomorrow make themselves thorough masters of the facts and doctrines here set forth, we can look for results from the citizens of day after tomorrow.

Science News Letter, July 18, 1942

NATIONAL DEFENSE

WHAT THE CITIZEN SHOULD KNOW ABOUT CIVILIAN DEFENSE — Walter D. Binger and Hilton H. Railey — *Norton*, 183 p., illus., \$2.50. The greater part of the book is devoted to explanations of bombs and what to do about them.

Science News Letter, July 18, 1942

HISTORY

ORIGIN OF THE FAR EASTERN CIVILIZATIONS: A Brief Handbook—Carl Whitling Bishop—*Smithsonian Institution*, 53 p., illus. Free upon direct request from Smithsonian Institution, Washington, D. C. (War Background Studies, No. One). First of a series that promises to give notable help in understanding the history now in the making with so much rapidity and intensity.

Science News Letter, July 18, 1942

GEOGRAPHY

THE FACE OF SOUTH AMERICA, An Aerial Traverse — John Lyon Rich — *American Geographical Society*, 299 p., illus., \$4. A book full of magnificent airplane pictures of our neighbor continent, with good descriptive text arranged in the form of a flight log.

Science News Letter, July 18, 1942

LIBRARY SCIENCE

UNITED STATES GOVERNMENT PERIODIC PUBLICATIONS, A Descriptive List—Special Libraries Association, Washington, D. C. Chapter—*Special Libraries Assn.*, 87 p., \$2. One of the valuable features of this list is the "Keep" and "Discard" note for each item, showing whether the

material is later published in more permanent form elsewhere. Librarians who furnished this list during the wartime press of work in Washington deserve much credit.

Science News Letter, July 18, 1942

LIBRARY SCIENCE

A. L. A. RULES FOR FILING CATALOG CARDS—Prepared by a Special Committee, Sophie K. Hiss, Chairman—*American Library Association*, 109 p., \$2. Only a librarian can realize how useful this book will be in the nation's libraries. It answers the many tedious questions which arise in filing cards, and can be turned over to assistants as a source of information.

Science News Letter, July 18, 1942

ZOOLOGY

CATALOG OF THE TYPE SPECIMENS OF MAMMALS IN THE UNITED STATES NATIONAL MUSEUM, INCLUDING THE BIOLOGICAL SURVEYS COLLECTION—Arthur J. Poole and Viola S. Schantz—*Govt. Print. Off.*, 704 p., \$1.25. (U. S. Natl. Museum Bull. 178). A technical publication intended for only a limited audience, but of extremely great usefulness to them.

Science News Letter, July 18, 1942

● Just Off the Press ●

ABSTRACTS OF ARTICLES AND PATENTS ON THE PRODUCTION OF GLYCEROL BY FERMENTATION—Muriel E. Whalley—*National Research Council of Canada*, 66 p., 50c.

AMERICAN BUTTERFLIES AND MOTHS—Cecile Hulse Matschat; Illus. by Rudolf Freund—*Random House*, 70 p., illus., \$1.

DO YOU WANT TO BE A NURSE?—Dorothy Sutherland—*Doubleday, Doran*, 186 p., \$2.

EXTRACTION OF RUBBER FROM PLANTS—Muriel E. Whalley—*National Research Council of Canada*, 19 p., 25c.

MAGNETIC TOOLS AND APPLIANCES IN ENGINEERING PRODUCTION—E. Molloy, ed.—*Chemical Pub. Co.*, 16 p., illus., \$2.50.

MATHEMATICS IN HUMAN AFFAIRS—Franklin Wesley Kokomoor—*Prentice-Hall*, 754 p., Trade, \$5.35; School, \$4.

PHOTO GUIDE—*Popular Mechanics Co.*, 188 p., illus., 50c.

PLASTICS—J. H. DuBois—*Amer. Technical Soc.*, 295 p., illus., \$3.

POPULAR MECHANICS GARDEN BOOK—*Popular Mechanics Co.*, 96 p., illus., \$1.

SEISMOLOGY—Perry Byerly—*Prentice-Hall*, 256 p., illus., Trade, \$4.65, School, \$3.50.

A SYMPOSIUM ON RESPIRATORY ENZYMES—*Univ. of Wisconsin Press*, 281 p., \$3.

TRIGONOMETRY, PLANE AND SPHERICAL—Miles C. Hartley—*Odyssey Press*, 24 p., \$1.60.

WAR GASES, Their Identification and Decontamination—Morris B. Jacobs—*Interscience Publishers*, 180 p., \$3.

ENGINEERING

YOUR CAR IS MADE TO LAST—Herman Bishop and Bergen Evans—*G. P. Putnam*, 186 p., \$1.50. A timely tome which tells you how to get 100,000 miles out of your car, how to save rubber and gas, and how everything works, written by an experienced garage man and trouble shooter with the help of a university professor.

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BIOLOGY

TEMPERATURE AND EVOLUTION, ISOLATING MECHANISMS, GENETIC CONTROL OF EMBRYONIC DEVELOPMENT — Th. Dobzhansky, ed.—*Jaques Cattell Press*, 355 p., \$3.50. (Biological Symposia, Vol. VI). One of a really notable series of symposia in biology. It will of course appeal mainly to professional readers.

Science News Letter, July 18, 1942

AGRICULTURE

THE FARM PRIMER, A Manual for the Beginner and Part-Time Farmer — Walter Magnes Teller—*McKay*, 266 p., \$2.50. A book that can be used to advantage in rural high school classes or as a manual for adults undertaking to get part of their living out of a small piece of land.

Science News Letter, July 18, 1942

HORTICULTURE

FOOD GARDENS FOR DEFENSE — M. G. Kains—*Greenberg*, 246 p., illus., \$2. A new gardening book, that tells not only how to grow vegetables but tree and small fruits, also how to combat weeds and insects and to get the most good out of fertilizers. There are a number of useful appendices, too.

Science News Letter, July 18, 1942

PSYCHOLOGY

THE CREATIVE UNCONSCIOUS, Studies in the Psychoanalysis of Art — Hanns Sachs—*Sci-Art Publishers*, 240 p., \$2.75. Some observations by a psychoanalyst on artistic creativity.

Science News Letter, July 18, 1942

GENERAL SCIENCE

AMERICAN FOUNDATIONS AND THEIR FIELDS (5th ed.)—Geneva Seybold, comp.—*Raymond Rich Associates*, 274 p., table, \$5. This book lists basic data on 314 foundations, including 95 reported on for the first time. Funds, investments and grants are listed, and the volume is well indexed.

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