

The ever-increasing speeds of military aircraft will require that planning and development of cooling equipment keep

abreast of the aircraft requirements. The development of high air speeds and better cooling systems should be parallel.

Science News Letter, April 24, 1948

• Books of the Week •

TO SERVE YOU: To get books, send us a check or money order to cover retail price. Address Book Dept., SCIENCE NEWS LETTER, 1719 N St., N. W., Washington 6, D. C. In the case of free publications order direct from issuing organizations.

AMERICAN UNIVERSITIES AND COLLEGES—A. J. Brumbaugh, Ed.—*American Council on Education*, 1054 p., \$8.00. A Directory giving full information on 820 accredited institutions.

THE ART OF CHINESE PAPER FOLDING FOR YOUNG AND OLD—Maying Soong—*Harcourt, Brace*, 132 p., illus., \$2.50. Instructions and diagrams for making a variety of amusing and useful objects from paper, without use of scissors or paste.

BEE'S WAYS—George DeClyver Curtis—*Houghton Mifflin*, 240 p., illus., \$2.75. Amusing reading, useful for beekeepers or those who want to be—interesting to others.

BIBLIOGRAPHIC INDEX OF PERMIAN INVERTEBRATES—Carl C. Branson—*Geological Society of America*, 1049 p., \$9.50.

CHAMBERS' MINERALOGICAL DICTIONARY—*Chemical Publishing Co.*, 47 p., 40 colored pl., \$4.75. A convenient and beautiful book which would aid in the identification of stones.

CHEMICALS, HUMUS, AND THE SOIL: A Simple Presentation of Contemporary Knowledge and Opinions About Fertilizers, Manures and Soil Fertility—Donald P. Hopkins—*Chemical Publishing Co.*, 358 p., \$8.50. Intended for the man who works with the soil.

COLLOID CHEMISTRY—Robert J. Hartman—*Houghton Mifflin*, 2d ed., 572 p., illus., \$6.50. Not only for students of advanced chemistry but for students of other sciences who need a knowledge of this field.

ECONOMICS OF PERSONAL AIRPLANE OPERATION—W. J. Skinner—*Oregon State Engineering Experiment Station*, 46 p., illus., paper, 25 cents.

EVOLUTION OF THE HORSE BRAIN—Tilly Edinger—*Geological Society of America*, 177 p., illus., \$2.00.

A FIELD GUIDE TO THE BIRDS: Giving Field Marks of All Species Found East of the Rockies—Roger Tory Peterson—*Houghton Mifflin*, 2d rev. ed., 290 p., illus., \$3.50. A complete, authoritative book, but held to convenient pocket size. Contains flight silhouettes as an aid in identification.

A FIELD GUIDE TO THE SHELLS OF OUR ATLANTIC COAST—Percy A. Morris—*Houghton Mifflin*, 190 p., illus., \$3.50. If you are planning a vacation at the seashore, don't forget to tuck in this convenient little handbook.

FREQUENCY MODULATION: VOLUME I—Alfred N. Goldsmith and others, Eds.—*Radio Corporation of America*, 515 p., illus., \$2.50. A collection of technical papers of interest especially to scientists and engineers.

THE FREUDIAN PSYCHOLOGY AND VEBLEN'S SOCIAL THEORY—Louis Schneider—*King's Crown Press*, 270 p., \$3.25. Philosophers and political scientists may be interested in this unusual comparison.

GROWTH OF PLANTS: Twenty Years' Research at Boyce Thompson Institute—William Crocker—*Reinhold*, 459 p., illus., \$10.00. A critical summary of a wide variety of problems in plant research ranging from the storage of seeds to the control of color in potato chips.

INDUSTRIAL AND CITY WASTES—Fred Mertryfield, W. B. Bollen, and F. C. Kachelhoffer—*Oregon State Engineering Experiment Station*, 56 p., illus., paper, 40 cents.

JET PROPULSION IN COMMERCIAL AIR TRANSPORTATION—Robert E. Hage—*Princeton University Press*, 91 p., illus., paper, \$1.50. An authoritative answer to the question, "Can jet propulsion, which has so revolutionized military aviation, be applied to advantage in civil air transportation?"

LIVING WITH SCIENCE—George W. Fowler, Morton C. Collister and Ernest L. Thurston—*Iroquois*, 544 p., illus., \$2.56. A general science text for the eighth year.

LOUIS PASTEUR—Laura N. Wood—*Messner*, 218 p., illus., \$2.75. The biography of a great scientist.

OVERFIRE JETS IN ACTION FOR SMOKE ABATEMENT—*Bituminous Coal Research, Inc.*, 16 p., illus., paper, 25 cents. For commercial and industrial stationary plants, railroads and steamboats.

THE MAN-EATING LEOPARD OF RUDRAPRANAG—Jim Corbett—*Oxford University Press*, 188 p., \$2.50. The story of a two-year hunt for an animal credited officially with killing 125 human beings.

THE MEANING OF WORDS: Analyzed Into Words and Unverbal Things, and Unverbal Things Classified into Intellections, Sensations and Emotions—Alexander Bryan Johnson with introduction by Irving J. Lee—*Chamberlin*, 256 p., \$3.00. Originally published in 1854, this book was a forerunner of semantics.

THE NEW BABY—Ruth and Harold Shane—*Simon and Schuster*, illus., 25 cents. A charming book in drawings and story intended help the young older brother or sister to enjoy the coming of the new addition to the family. Incidentally, the parents will find here useful hints on the handling of the situation to avoid hurt to the "Mike's" of this world.

PERSIAN ART AND DESIGN INFLUENCES FROM THE NEAR AND MIDDLE EAST—Arthur Upham Pope—*Studio*, illus., paper, \$2.00. Tracing the influence of Persian art in the modern world and on American textile and other design.

PREPARATION AND CHARACTERISTICS OF SOLID LUMINESCENT MATERIALS—Gorton R. Fonda and Frederick Seitz, Eds.—*Wiley*, 459 p., illus., \$5.00. A collection of important technical papers.

SOIL CONSERVATION: An International Study—Mark Baldwin and others—*FAO*

(*Columbia University Press*), 189 p., illus., paper, \$2.00. To help prevent the annual loss of millions of acres of farm, forest and range lands which now are the toll of erosion.

POPULAR MECHANICS OUTDOOR SPORTS MANUAL: 220 Helpful Hints for the Fisherman, Hunter, Camper, Trapper, Archer and Boatman—Editors, Popular Mechanics Magazine—*Popular Mechanics Press*, 158 p., illus., \$2.00.

TAKING THE CURE: The Patient's Approach to Tuberculosis—Robert G. Lovell—*Macmillan*, 93 p., illus., \$2.00. Practical advice written by a physician who was also himself a victim of tuberculosis. Entertaining as well as useful reading.

A TREASURY OF AMERICAN SUPERSTITIONS—Claudia de Lys—*Philosophical Library*, 494 p., \$5.00. A large collection of old superstitions or sayings.

UNITED STATES ASSOCIATIONS IN WORLD TRADE AND AFFAIRS—Office of Domestic Commerce—*Govt. Printing Office*, 125 p., illus., paper, 30 cents. Directory of 900 organizations which have a special interest in foreign trade, international affairs or world peace. Also text and statistics on the foreign trade of the U. S. and other nations.

THE USE OF AIRCRAFT IN THE CONTROL OF MOSQUITOES—*American Mosquito Control Association*, 46 p., 45 pl., paper, 75 cents. Information on when, where, and how aircraft may properly be used to distribute insecticides, especially DDT.

THE WORLD BOOK ENCYCLOPEDIA, 1948 ANNUAL SUPPLEMENT—J. Morris Jones, Ed.—*Quarrie*, 224 p., illus., paper, \$1.00. Reviewing important events of 1947.

WORLD WORDS: Recommended Pronunciations—W. Cabell Greet—*Columbia University Press*, 2d rev. ed., 608 p., \$6.75. A way of pronouncing the names in the news, including Japanese and Chinese places, originally developed for the use of broadcasters.

YOU AND YOUR DOCTOR: A Frank Discussion of Group Medical Practice and Other Modern Trends in American Medicine—Benjamin F. Miller—*McGraw-Hill*, 183 p., \$2.75. A book for laymen intended to give him the background for an understanding of this difficult and important problem.

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Charles

DARWIN

and the

Voyage of the Beagle

Unpublished Letters and Notebooks, Edited by his

Grand-daughter, Lady Nora Barlow

"Darwin's granddaughter lets us see how a reticent youth grew into the most influential biologist of all time, how the revolutionary concept of evolution was born and gradually developed. We marvel at his inquiring mind and at his acumen."
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