

Books of the Week

For the editorial information of our readers, books received for review since last week's issue are listed. For convenient purchase of any U. S. book in print, send a remittance to cover retail price (postage will be paid) to Book Department, Science Service, 1719 N Street, N.W., Washington 6, D. C. Request free publications direct from publisher, not from Science Service.

ALLOY SERIES IN PHYSICAL METALLURGY—Morton C. Smith—*Harper*, 338 p., illus., \$6.00. A companion volume to the author's Principles of Physical Metallurgy with which it can be used for professional reference.

THE AMERICAN DRUG INDEX—Charles O. Wilson and Tony Everett Jones—*Lippincott*, 576 p., \$5.00. Listing in alphabetical order generic, brand, and chemical names of drugs for use by physicians, nurses, and students.

CHEMICAL ENGINEERING: Volume Two, Unit Operations—J. M. Coulson and J. F. Richardson—*McGraw-Hill*, 975 p., illus., \$9.00. Concerned mainly with the physical nature of the processes that take place in industrial units.

DWELLERS IN DARKNESS: An Introduction to the Study of Termites—S. H. Skaife—*Longmans Green*, 134 p., illus., \$5.00. Termites live in the oldest type of community on the face of the globe, the author tells us, they can survive only when crowded together in dense throngs, and their society is a ruthless totalitarianism in nature.

INTRODUCTION TO DEMOGRAPHY—Mortimer Spiegelman—*Society of Actuaries*, 309 p., \$6.00. A textbook on the study of population.

LUCRETIVUS' DE RERUM NATURA: The Roman Poet of Science—Set in English verse by Alban Dewes Winspear—S. A. Russell, *The Harbor Press*, 299 p., \$5.00. Lucretius was the poet of scientific method and he wanted his thinking to be understandable to the common man.

MAN AND THE WINDS—E. Aubert De La Rue, translated by Madge E. Thompson—*Philosophical Library*, 206 p., illus., \$6.00. Including scientific information and mythology, the effects of wind as well as its usefulness to man.

A MARINER'S METEOROLOGY—Charles Graham Halpine and Halton Hagen Taylor—*Van Nostrand*, 371 p., illus., \$8.00. A practical book in simple terms and photographs for those who depend on the water for fun or livelihood.

MEN, ROCKETS AND SPACE RATS—Lloyd Malan—*Messner*, 335 p., illus., \$5.95. Telling the human story of some of our aeronautical pioneers.

PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON THE PEACEFUL USES OF ATOMIC ENERGY: Volume 3, Power Reactors—*United Nations (Columbia University Press)*, 389 p., illus., \$7.50. A complete summary of the status of reactor technology throughout the whole world.

Science News Letter, January 14, 1956

RONALD Books . . .

200 MILES UP

J. GORDON VAETH

Head, New Weapons and Systems Division
U. S. Navy Special Devices Center

NEW. The complete, fascinating story of upper air research climaxed by the current preparations for launching the first artificial earth satellite. The author supplements his own eye-witness accounts with graphic illustrations of the new vehicles and techniques, and instrumentation of high altitude flight. Book tells the story of the Skyhook Balloon, the White Sands' experiments, the Aerobee and Viking Rockets, and the powerful multiple stage rocket which will launch the earth satellite. Covers launching procedures, methods of tracking and controlling rocket flight, recording data, etc. *2nd Ed.* 77 illus.; 261 pp. \$5.

PHYSICS TELLS WHY

OVERTON LUHR, *Union College*

Explaining common phenomena in clear, simple terms, this helpful book covers the field of physics from surface tensions to buoyancy, from light and heat to weather and air conditioning, from electricity to music. It discusses the basic principles of radio, radar, television, jet-propulsion, atomic energy, etc. A minimum of mathematics is used. ". . . non-formidability (and) scientific rigor combine to make this a fine book." RAY W. SUCHY, *Milwaukee State Teachers College*. 195 illus.; 387 pp. *Rev. Ed.* \$3.75.

PRACTICAL TAXIDERMISTRY

JOHN W. MOYER

Chicago Natural History Museum

This complete working guide provides latest methods for mounting fish, bird, mammal, and reptile specimens. Contains step-by-step instructions, detailed drawings, photographs, plus a history of taxidermy. "Beautifully illustrated guide . . . of use to museum preparators and amateurs alike." ALFRED M. BAILEY, *Director, Denver Museum of Natural History*. 101 illus.; 126 pp. \$3.

WAYS OF MAMMALS

—in Fact and Fancy

CLIFFORD B. MOORE

Formerly Forest Park Museum,
Springfield, Massachusetts

A delightful book describing the fascinating, often misunderstood habits of mammals—from domestic to jungle beasts. Includes several sections by authorities on particular aspects of animal behavior. "One of the most needed books ever published in the field." PERCY A. MORRIS, *Peabody Museum of Natural History, Yale University*. 273 pp. \$3.50.

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