

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.

THE ACADEMIC TEACHING BACKGROUNDS OF SECONDARY SCIENCE TEACHERS IN THE STATE OF OHIO—Charles L. Koelsche—*Research Foundation, Univ. of Toledo*, 53 p., paper, single copies free upon request direct to publisher, Toledo 6, Ohio. Investigates the present status of science education in Ohio schools.

AKU-AKU: The Secret of Easter Island—Thor Heyerdahl—*Rand McNally*, 384 p., illus., \$6.95. Exploring the statues and secret caves of Easter Island.

ARTIFICIAL SATELLITES (Translation)—A. Shternfel'd—*State Pub. House of Technical-Theoretical Lit., Moscow*, (Office of Technical Services), 2nd rev. ed., 424 p., illus., paper, \$6. Author won the International Prize for the Promotion of Astronautics.

THE GENETIC BASIS OF SELECTION—I. Michael Lerner—*Wiley*, 298 p., graphs, \$8. Discusses the

quantitative aspects of selection in breeding practice and evolution without emphasis on statistical treatment.

GEOPHYSICS AND THE IGY: Proceedings of the Symposium at the Opening of the International Geophysical Year—Hugh Odishaw and Stanley Ruttenberg, Eds.—*Am. Geophysical Union*, 210 p., illus., \$8. Contains reports on the early results of the IGY.

THE HANDBOOK OF ROCKETS AND GUIDED MISSILES—Norman J. Bowman—*Perastadion Press*, 328 p., illus., \$6.50. Compilation of data on rockets and missiles, both modern and historical, arranged alphabetically.

AN INEXPENSIVE SCIENCE LIBRARY: A Selected List of Paperback Science Books—Hilary J. Deason, compiler—*Am. Ass'n for the Advancement of Science*, 2nd ed., 38 p., paper, 25¢. Lists re-issues of classics, reprints of outstanding contemporary books and new books, grouped by subject matter.

INSIDE THE ATOM—Isaac Asimov—*Abelard-Schuman*, rev. ed., 185 p., illus., \$2.75. Tells what goes on inside the atom, how man has learned about it and what he has done with his knowledge.

INTRODUCTION TO THE PLANT KINGDOM—Norman H. Russell—*Mosby*, 353 p., illus., \$5.50. A one-semester elementary botany course.

LIVING RESOURCES OF THE SEA: Opportunities for Research and Expansion—Lionel A. Walford—*Conservation Foundation (Ronald)*, 321 p., illus., \$6. While replete with information on marine resources, emphasis is on what still remains to be learned about life within the most extensive element of our earth.

LOOKING AT THE STARS—Michael Ovenden—*Philosophical Lib.*, 192 p., photographs and dia-

grams, \$4.75. One of the Excursions Series of books on leisure-time activities, this one introduces readers to the pleasures of astronomy.

THE PRINCIPLES OF SCIENCE: A Treatise on Logic and Scientific Method—W. Stanley Jevons, intro. by Ernest Nagel—*Dover*, 786 p., paper, \$2.98. First published in 1873.

THE PROBLEMS OF WORLD POPULATION: The Rede Lecture 1958—Sir Charles Darwin—*Cambridge Univ. Press*, 42 p., paper, 75¢. Long-range and short-range forecast by British theoretical physicist.

ROSES—F. Fairbrother—*Penguin*, 180 p., illus., paper, 95¢. Practical manual for all who would like to grow roses, prepared in conjunction with the Royal Horticultural Society.

SOVIET ABSTRACTS: Biology—U.S. Joint Publications Res. Service—*Office of Technical Services*, paper, \$1. Translations of entries in the Soviet Biology Abstracts Journal, No. 3, 1958.

SOVIET ABSTRACTS: Physics—U.S. Joint Publications Res. Service—*Office of Technical Services*, paper, 75¢. Complete translations of entries in the Soviet Physics Abstracts Journal No. 1, 1958.

THE THEORY OF EVOLUTION—J. Maynard Smith—*Penguin*, 320 p., illus., paper, 85¢. Describes how Darwin's theory has been confirmed, but at the same time transformed, by recent research.

THE TRAVELING HIGH SCHOOL SCIENCE LIBRARY—Hilary J. Deason—*Am. Ass'n for the Advancement of Science*, 4th ed., 68 p., paper, 25¢. Designed to broaden the science background of high school students. Valuable guide to librarians.

WONDERS OF THE ANTARCTIC—Jacqueline Ber-
rill—*Dodd*, 96 p., illus. with drawings by author, \$2.95. Describes penguins, seals, albatrosses and other inhabitants of Antarctica and the oceans surrounding it.

YOUR CAREER IN ELECTRONICS—1959—J. Heiges and others—*Popular Electronics*, 132 p., illus., paper, \$1. Short survey of the field, aptitude test, and guide to schools and colleges.

Science News Letter, September 13, 1958

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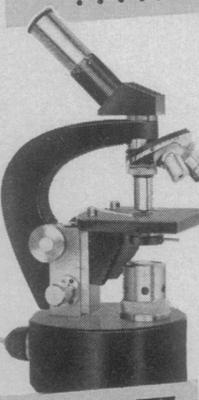
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