

# • Books of the Week •

For the editorial information of our readers, books received for review 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.

**ACHIEVEMENT IN SOVIET MICROBIOLOGY**—A. A. Imshenetskii, Ed., transl. from Russian—*Consultants Bur.*, 75 p., paper, \$12.50. Reviews achievements of Soviet microbiology in general and in the field of soil microbiology.

**ANTIBIOTICS IN FISH PRESERVATION**—H. L. A. Tarr—*Fisheries Res. Bd. of Canada*, 24 p., illus., paper, 50¢. Reports research on the use of antibiotics in fisheries.

**ARIZONA FLORA**—Thomas H. Kearney, Robert H. Peebles and others, Supplement by John Thomas Howell, Elizabeth McClintock and others—*Univ. of Calif. Press*, rev. ed., 1085 p., photographs, \$12.50. Identifies 3,438 species of flowering plants and ferns growing uncultivated in Arizona.

**BASIC GENERAL CHEMISTRY IN OUTLINE FORM: Illustrative Examples, Recitation Questions and Problems**—Edward Lauth Haensch and George Norman Quam—*Burgess*, 295 p., paper, \$5.50.

**CHRYSANTHEMUMS**—Edward T. Thistlethwaite—*Penguin*, 168 p., illus., 62 photographs, paper,

\$1.45. Handbook prepared in collaboration with the Royal Horticultural Society.

**COLLEGE ALGEBRA**—Adele Leonhardy—*Wiley*, 440 p., \$5.95. Puts equal stress on the logical structure of algebra and on the development of algebraic techniques.

**CURRENT CONTENTS OF SPACE AND PHYSICAL SCIENCE, Vol. I, No. 1**—Eugene Garfield, Ed.—*Institute for Scientific Information*, 94 p., paper, weekly; annual subscription \$100; educational \$50. Publishes tables of content of more than 500 foreign and domestic scientific journals in such fields as missiles, electronics, mathematics, computers, physics and instrumentation.

**SCIENCE AND PUBLIC ADMINISTRATION**—James L. McCamy—*Univ. of Ala. Press*, 218 p., \$3. Critical review of the recent history of relations between government and science in the United States.

**SCIENCE IN SPACE, Chapter VIII: Galactic and Extragalactic Astronomy**—Leo Goldberg and Edward R. Dyer, Jr.—*Nat. Acad. of Sciences-Nat. Res. Council*, 49 p., illus., paper, \$1. Report by the Space Science Board.

**SCIENTIFIC AMERICAN PORTFOLIO: Art in Science, II**—J. Bronowski—*Simon & Schuster*, 4 p., 40 plates, 14" x 11", boxed, \$10. A portfolio of 40 paintings, drawings and photographs in color.

**THE SEA AROUND US**—Rachel L. Carson—*Oxford Univ. Press*, rev. ed., 237 p., photographs, \$5. Series of notes in Appendix describe the most important of recent findings,

with references to appropriate passages in the original text.

**SEVEN MILES DOWN: The Story of the Bathyscaph Trieste**—Jacques Piccard and Robert S. Dietz—*Puinnam*, 249 p., photographs, \$5. Story of the development of the Bathyscaph and its 65 underwater explorations, told by the man who piloted it and the oceanographer associated with its history since 1955.

**SMALL PARTICLE STATISTICS: An Account of Statistical Methods for the Investigation of Finely Divided Materials**—G. Herdan—*Academic*, 2nd rev. ed., 418 p., \$14.50. With guide to experimental design of particle size determinations by M. L. Smith and others.

**STROKE: A Study of Recovery**—Douglas Ritchie—*Doubleday*, 192 p., \$3.50. The diary of an aphasic who charts his slow progress in regaining speech, powers of concentration and muscle control.

**A SYNOPSIS OF BIOLOGY**—W. B. Crow—*Wright, J. (Williams & Wilkins)*, 1,056 p., 327 illus., \$17. Attempts to summarize in telegraphic style the whole of biology. Both elementary descriptions of type and systematic sections are arranged in order of complexity of structure.


**TEN LITTLE HOUSEMATES**—Karl von Frisch, transl. from German—*Pergamon*, 146 p., illus., \$3. Informative and humorous writings about such uninvited household guests as flies, gnats, fleas, bugs, cockroaches and silverfishes.

**THE WORLD ALMANAC 1961 and Book of Facts**—Harry Hansen, Ed.—*N.Y. World Telegram (Doubleday)*, 76th ed., 896 p., \$2. Contains full report on 1960 Census, space science and astronomy data, and a wealth of dependable facts.

**YOUR CHILDREN AND THEIR GANGS**—Edith G. Neisser and Nina Ridenour—*Children's Bureau (GPO)*, 34 p., illus., paper, 20¢. Gives parents insight into the many meanings that groups and even loyalty to a gang may have for their children.

• Science News Letter, 79:124 February 25, 1961

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## Questions

**PUBLIC HEALTH**—How many hairs does the average person have on his head? p. 120.

**ROCKETS AND MISSILES**—What is the aim of the Russian Venus probe?

Photographs: Cover, Mt. Wilson Observatory; p. 115, California Institute of Technology; p. 117, Thiokol Chemical Corporation; p. 119, Minneapolis-Honeywell Regulator Co.; p. 126, Gray-Sun.

## ASTRONOMY

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