

# 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.

THE AIR FORCE BLUE BOOK 1961, Vol. II—Tom Compere, Ed.—*Bobbs*, 382 p., illus., \$4.95. Story of the USAF today with compilation of aerospace facts.

ALL ABOUT FISH—Carl Burger, foreword by James W. Atz—*Random House*, 139 p., illus. by author, \$1.95. Informative book for young readers.

ALL ABOUT GREAT MEDICAL DISCOVERIES—David Dietz—*Random House*, 140 p., illus. by Ernest Kurt Barth, \$1.95. For boys and girls.

ALL ABOUT THE PLANETS—Patricia Lauber, foreword by Harlow Shapley—*Random House*, 139 p., illus. by Arthur Renshaw, \$1.95. A beginner's text and guidebook to reliable background for planetary travel.

APPLIED IMAGINATION: Principles and Procedures of Creative Problem-Solving—Alex F. Osborn—*Scribner*, rev. ed., 379 p., \$4.50. Textbook discussing the principle of "brainstorming"; first adopted by M.I.T.

BIOLOGICAL ACTIVITIES OF STEROIDS IN RELATION TO CANCER—Gregory Pincus and Erwin P. Vollmer, Eds.—*Academic*, 530 p., illus., \$15. Papers and discussion of steroid metabolism and biochemistry, experimental tumors, hormones and human cancer.

CLASSICAL ELECTRICITY AND MAGNETISM—E. S. Shire—*Cambridge Univ. Press*, 396 p., illus., \$7.50. Textbook designed to bridge the gap between elementary and mathematical treatment based on Maxwell's equations.

CLASSICAL MECHANICS—H. C. Corben and Philip Stehle—*Wiley*, 2nd ed., 389 p., \$12. Among new material, discusses dissipative systems, transforms, accelerators, motion of meteorite dust, and magnetic resonance.

CLIMATOLOGY AT WORK: Measurements, Methods and Machines—Gerald L. Barger, Ed., with John C. Nyhan—*Weather Bureau (GPO)*, 109 p., illus., paper, 65¢. Describes functions and scope of the centralized climatological facility located at Asheville, N. C.

CONTINUOUS GEOMETRY—John von Neumann, foreword by Israel Halperin—*Princeton Univ. Press*, 299 p., \$7.50. Reproduces the notes of lectures given by the author during the academic years 1935-37.

DIGITAL COMPUTER FUNDAMENTALS—Thomas C. Bartee—*McGraw*, 342 p., \$6.50. Describes

function and application of the computer and explains steps necessary for preparing a problem for a computer.

EMPLOYMENT IN AN UNDERDEVELOPED AREA: A Sample Survey of Kingston, Jamaica—W. F. Maunder—*Yale Univ. Press*, 215 p., \$5. Case study of employment in metropolitan area with both urban industrialized and rural sectors.

GRAPHIC SURVEY OF SCIENCE—William Lemkin—*Oxford Bk. Co.*, rev. ed., 447 p., illus., \$2.10; paper \$1.25. Designed for easy grasp by the average student.

THE HISTORY OF MODERN CULTURE—Maurice Parmelee—*Philosophical Lib.*, 1,295 p., \$10. Treatise traces the main course of cultural evolution.

HOW AMERICA EATS—Clementine Paddelford—*Scribner*, 495 p., illus., \$10; to March 15: \$7.95. Attractive volume with recipes of regional specialties, from Maine's lobster stew to California's citrus spare ribs.

INFORMATION PLEASE ALMANAC: Atlas and Yearbook 1961—Dan Golenpaul Associates, Eds.—*McGraw*, 895 p., illus., paper, \$1.35. Reviews the events of 1960 with maps and photographs, and includes 800 pages of facts for reference.

INTRODUCTION TO PLANT GEOGRAPHY AND SOME RELATED SCIENCES—Nicholas Polunin—*McGraw*, 640 p., illus., \$10. Deals with the composition, local productivity and distribution of the plant cover of the world.

LATE PLIOCENE FLORAS EAST OF THE SIERRA NEVADA—Daniel L. Axelrod and William S. Ting—*Univ. of Calif. Press*, 117 p., illus., paper, \$2.50. Discusses the evidence of spore-pollen floras as to climate and vegetation of the area.

THE MAN WHO RODE THE THUNDER—William H. Rankin—*Prentice-Hall*, 208 p., photographs, \$3.95. Story of Col. Rankin's unique survival, bailing out at 47,000 feet without pressure equipment and dropping seven miles through violent rain storm.

THE MUSEUM AT GHOST RANCH: A Pioneer Outdoor Interpretive Project in New Mexico—William H. Carr—*C. L. Pack Forestry Foundation*, 36 p., illus., paper, 50¢. Describes indoor-outdoor exhibits emphasizing soil, water and wildlife conservation.

ORGANOMETALLIC CHEMISTRY—H. Zeiss, Ed.

—*Reinhold*, 549 p., \$17.50. Monograph presents research subjects under active investigation by their respective authors.

OUR ATMOSPHERE—Theo Loebsock, transl. from German by E. L. and D. Rewald—*New Am. Lib.*, 190 p., illus., paper, 50¢. About clouds, sky colors, mirages, polar lights, weather, and the atmosphere's effects on life and man.

PEOPLE OF COVE AND WOODLOT: Communities from the Viewpoint of Social Psychiatry—Charles C. Hughes and others—*Basic Bks.*, 574 p., photographs, \$10. Stirling County Study II, investigates three types of communities: County Seat, two relatively well-integrated small communities, and four disorganized neighborhoods.

POLYPROPYLENE—Theodore O. J. Kresser—*Reinhold*, 268 p., illus., \$6.50. Brings together information on the properties, production and applications of this increasingly important thermoplastic.

POPULAR FINCHES—George W. Noreen—*All-Pets Bks.*, 32 p., illus., paper, 50¢. Describes and depicts a variety of finches and weavers, and how to keep them healthy in a home or backyard aviary.

RECURSIVE EQUIVALENCE TYPES—J. C. E. Dekker and J. Myhill—*Univ. of Calif. Press*, 213 p., paper, \$5. Monograph concerned with a property of collections which is preserved under all effective one-to-one mappings.

SALINE WATER CONVERSION: Symposium, 1960—W. Sherman Gillam, Chmn.—*Am. Chemical Soc.*, Advances in Chemistry Series, No. 27, 246 p., illus., paper, \$5.85. Collection of papers on most recent research.

• Science News Letter, 78:439 December 31, 1960

## FREE BOOK!

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### ERRATA, Vol. 78, Nos. 1-27, July-December, 1960

PAGE	TITLE BEGINS	CORRECTIONS
58	Jupiter, Saturn	Col. 3, par. 3, line 6, northeast for northwest.
77	Dimmest White	Line 3, J. for L.
91	Live Polio	Line 2, 180,000 for 108,000
163	Use Chemical	Par. 1, lines 3 and 4 to read L-quinone, that roses use to make aromatic substances. Par. 3 (p. 164), line 1, delete smelling; line 5 to read but converted or used more than half. Delete remainder of sentence.
198	Radiation Affects	Par. 4, line 4, before crabs insert horseshoe; line 6, less for more.
229	Make Better	Col. 1, par. 3, line 8, carbon for stainless.
261	Evolution Loses	Col. 1, par. 4, defect for effect.
270	Sumac	Col. 2, line 7, red for her.
291	History-Making	Col. 3, lines 2 and 3 to read pheasants, turkeys and domestic fowl. None of the chicken-turkey hybrids ever hatched.
295	Astronomical Events	Par. 2, lines 2, 3 and 4, to read date of a conjunction of Venus with the sun; par. 3, line 7, to read date June 26, 3391 B.C., Gregorian calendar, as the beginning of the