

# Books of the Week

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**THE EVOLUTION OF MONEY**—Rupert J. Ederer, introd. by Arthur R. Burns—Public Affairs Press, 155 p., \$4.50. Presents an outline of the part played by different forms of money, from pre-monetary exchange, via monetary devices prior to coinage to the era of state-issued and bank-issued money.

**THE FUSION OF PSYCHIATRY AND SOCIAL SCIENCE**—Harry Stack Sullivan, introd. and commentaries by Helen Swick Perry—Norton, 346 p., \$7.50. The selected and annotated papers in this volume encompass the last half of Sullivan's professional career (1936-1949), covering his intensive work for Selective Service and the postwar years dealing with international tensions.

**GREAT EXPERIMENTERS**—William Bixby—McKay, 182 p., \$4.25. Dramatizes the scientific breakthroughs brought about by some of the great experimenters, from Isaac Newton to Enrico Fermi.

**GREAT SMOKY MOUNTAINS, EVERGLADES, MAMMOTH CAVE** with Hot Springs, Platt, Virgin Islands, Abraham Lincoln Birthplace—Frances Wood

—Follett Pub. Co., 32 p., photographs in color, \$2.50. Describes highpoints of national parks.

**HIDDEN COMMUNION**: Studies in the Communication Theory of Telepathy—Joost A. M. Meerloo—Helix Press, 118 p., \$4.75. Psychoanalyst approaches the problem of telepathy by exploring the unconscious, nonverbal communication between the unconscious minds of therapist and patient.

**INTRODUCING SOCIAL CHANGE: A Manual for Americans Overseas**—Conrad M. Arenberg and Arthur H. Niehoff—Aldine Pub. Co., 214 p., \$4.95. Using the concepts of anthropology, the manual discusses the concept of culture, cultural change, planned change, under-developed areas, American cultural values and field problems.

**ISOTOPE IN BIOLOGY**—George Wolf—Academic Press, 173 p., illus., \$5.50; paper, \$2.45. For advanced students in biochemistry or scientists in disciplines requiring knowledge of the most recent biological applications of isotopes.

**LIFE AND DEATH OF THE SUN**—John Rublowky, foreword by Alexander Efron—Basic Bks., 164 p., illus. by Nancy Grossman, \$4.50. Addressed to the bright high school student, book presents informally what is known about the sun.

**MAN AND LAND IN THE UNITED STATES**—Marion Clawson—Univ. of Neb. Press, 178 p., illus., \$4.50. Tries to show how the American philosophy, as far as it relates to land, evolved and changed from earliest colonial times to the present.

**THE MIRACLE OF PLASTICS**—J. Gordon Cook—Dial Press, 272 p., photographs, diagrams, \$4.95. Describes for the general reader the history of plastics, the properties, the methods of production and the many uses of this most versatile chemical product of our time.

**NATURAL ELECTROMAGNETIC PHENOMENA BELOW 30 KO/S**—D. F. Bleil, Ed.—Plenum Press, 470 p., illus., \$17.50. Based on lectures presented

at the NATO Advanced Study Institute held in 1963 at Bad Homburg, Germany.

**A NEW SYSTEM OF CHEMICAL PHILOSOPHY**—John Dalton, introd. by Alexander Joseph—Philosophical Lib., 168 p., \$6. This basic volume of Dalton's chemical philosophy, first published in 1808, foretold many of the advances in chemistry made during the 19th century.

**OF STARS AND MEN: The Human Response to an Expanding Universe**—Harlow Shapley—Beacon Press, rev. boxed ed., 134 p., illus. by Richard C. Bartlett, \$12; pre-Christmas \$10. Handsomely designed edition of cosmographic treatise by well known astronomer, presents in language almost free of technicalities a rational structure of the physical universe and the place of earth and mankind in it.

**PHYSICS**, Vol. 1, No. 1—P. W. Anderson and B. T. Matthias, Co-Eds. in-Chief—Physics Publishing Co., 75 p., diagrams, paper, bi-monthly, subscription libraries: \$30; individuals \$7.50 direct to publisher, 122 E. 55th St., New York, N.Y. 10022. An international journal for selected articles on research in physics deserving the special attention of physicists in all fields.

**THE SCIENTIFIC AGE: The Impact of Science on Society**—L. V. Berkner—Yale Univ. Press, 137 p., diagrams, \$4. Considers the significance of science and technology as the base of our economy as a whole, discussing the impact of education, of government in relation to both education and scientific research, and the traditional aspects of the humanities in relation to the emergent society.

**SCIENTIST AND CITIZEN**, September-October 1964: Test Ban Treaty Anniversary Issue—Herman M. Kalckar, Ed.—Committee for Nuclear Information, 40 p., illus., paper, 50¢ direct to publisher, 5144 Delmar, St. Louis, Mo. 63108. This is the first issue under new title, formerly NUCLEAR INFORMATION, offers a coordinated summary on nuclear fallout and related information.

**THE SHOSHONIS: Sentinels of the Rockies**—Virginia Cole Trenholm and Maurine Carley—Univ. of Okla. Press, 367 p., illus., \$5.95. A carefully documented history of the Shoshoni Indians.

**THE SOLUBILITY OF NONELECTROLYTES**—Joel H. Hildebrand and Robert L. Scott—Dover, 3rd ed., 488 p., diagrams, paper, \$2.50. Corrected republication of third edition published in 1950.

**STRONG, ELECTROMAGNETIC AND WEAK INTERACTIONS**—A. Zichichi, Ed.—W. A. Benjamin, 248 p., diagrams, \$9; paper, \$4.95. Proceedings of the 1963 International School of Physics "Ettore Majorana", sponsored by CERN and held in Erice, Sicily.

**STRUCTURE OF MOLECULES AND THE CHEMICAL BOND**—Y. K. Syrkin and M. E. Dyatkina, transl. and rev. by D. A. Partridge and D. O. Jordan—Dover, 509 p., illus., paper, \$2.75. Reprint (1950).

**STUDIES IN THE LIFE HISTORY OF THE SONG SPARROW**, Vol. I: A Population Study of the Song Sparrow. Vol. II: The Behavior of the Song Sparrow and Other Passerines—Margaret Morse Nice—Dover, 246 p., 328 p., illus., paper, \$1.75 each. Unabridged republication of Vols. IV and V of Transactions of the Linnaean Society of N.Y. (1937, 1943).

**TEACHING SCIENCE THROUGH DISCOVERY**—Arthur Carin and Robert B. Sund—Merril Bks., 514 p., illus., \$8.50. Features enrichment activities for elementary science courses.

**VAN NOSTRAND'S STANDARD CATALOG OF SHELLS**—Robert J. L. Wagner and R. Tucker Abbott, Eds.—Van Nostrand, 190 p., illus., paper, \$4.50. Listings, prices, guide to illustrations, geographical ranges and world size records of the marine shells of the world.

**WE ARE NOT ALONE: The Search for Intelligent Life on Other Worlds**—Walter Sullivan—McGraw, 325 p., photographs, diagrams, \$6.95. Explains in nontechnical language the reasoning behind the assumption that there is intelligent life in space, and the projects designed to probe it.

**THE WORLD OF PROBABILITY: Statistics in Science**—Solomon Diamond—Basic Bks., 193 p., \$4.95. Citing concrete examples, the book demonstrates the power of statistical methods, the logic behind them, and the service they render to modern science.

• Science News Letter, 86:398 December 19, 1964


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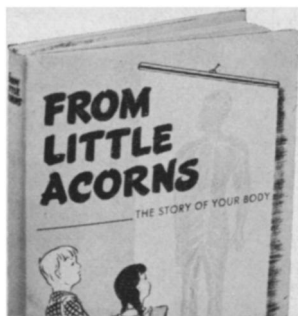
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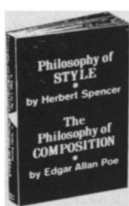
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