

# books OF THE WEEK

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**BIOMETEOROLOGY:** Proceedings of 1967 Biology Colloquium—William P. Lowry, Ed.—Ore. State Univ. Press, 1968, 171 p., illus., \$5. Theme of discussion was weather and life, the papers deal with such ecological relationships as energy exchange between organism and environment, and air quality as a controlling factor in life processes.

**THE BOOK OF MARS**—Samuel Glasstone—NASA (GPO), 1969, 315 p., photographs, diagrams, paper, \$5.25. Compact information about Mars based on scientific findings made with the help of increasingly powerful and sensitive instruments, probing the planet's atmosphere, searching for traces of life, interpreting surface features and planning further explorations by spacecraft.

**COLLEGE CURRICULUM AND STUDENT PROTEST**—Joseph J. Schwab—Univ. of Chicago Press, 1969, 303 p., \$4.95. This investigation of the curricular roots of student dissatisfaction surveys resources available for treating these curricular ills, and makes specific suggestions for drawing on these resources to ameliorate the ills identified.

**THE GREAT ORM OF LOCH NESS:** A Practical Inquiry into the Nature and Habits of Water-Monsters—F. W. Holiday—Norton, 1969, 223 p., photographs, drawings, \$5.95. Taking as a starting point some known fossils, the author pursues the quest for the monster of Loch Ness.

**HANDBOOK OF OCEAN AND UNDERWATER ENGINEERING**—John J. Myers, Carl H. Holm and Raymond F. McAllister, Eds.—McGraw-Hill, 1969, 1070 p., 673 illus., \$32.50. Compendium of interdisciplinary engineering documents, presents best current practices in areas ranging from underwater acoustics through cable technology to analyzing wind and wave forces.

**HOW TO MANAGE YOUR INFORMATION**—Bart E. Holm—Reinhold, 1969, 292 p., illus., \$10. Practical suggestions for the professional man on managing his own information needs.

**LANDS BEYOND THE FOREST**—Paul B. Sears—Prentice-Hall, 1969, 206 p., photographs, drawings, \$7.95. Discusses the close relation between man and the landscapes he inhabits and cultivates, ranging from the Arctic tundra to the glacial plains.

**MAN: His First Two Million Years**—Ashley Montagu—Columbia Univ. Press, 1969, 262 p., illus., charts, \$6.95. A brief introduction to anthropology, from primates to ethnic groups of man, covering wide range of cultural responses to environment.

**1001 QUESTIONS ANSWERED ABOUT AVIATION HISTORY**—C. H. Hildreth and Bernard C. Nalty—Dodd, 1969, 419 p., photographs, \$8.50. Gives concise answers to questions about early aviation history, technical progress, records broken, WW2 aviation and modern aircraft.

**OVERCOMING WORLD HUNGER**—The American Assembly, Clifford M. Hardin, Ed.—Prentice-Hall, 1969, 177 p., tables, \$4.95; paper, \$1.95. Expert discussion of population growth and its control, better nutrition for more people, expanding food production in hungry nations, and assessment of programs and unsolved problems.

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**THE PALACE OF NESTOR AT PYLOS IN WESTERN MESSENA, Vol. II: The Frescoes**—Mabel L. Lang—Princeton Univ. Press, 1969, 256 p., 111 p. plates, 18 color plates, \$40. From thousands of fragments of plaster uncovered in 12 years of excavations, the author has assembled clues to the wall paintings in the royal palace of Homer's Nestor, destroyed by fire in the 13th century B.C.

**A PECULIAR PEOPLE**—Barnet Litvinoff—Weybright & Talley, 1969, 308 p., \$7.50. Study attempts to describe the modern developments of Judaism in the world's major Jewish communities, focusing on the changes of Jewish life and thought.

**THE PHYSICIAN'S CONCISE HANDBOOK OF PSYCHIATRY**—James A. Brussel, M.D.—Bruner/Mazel, 1969, 243 p., \$5.95. Written for physicians who are not psychiatrists, the book interprets neurotic, psychotic and personality disorders in the light of various schools of thought and techniques of treatment.

**PLANTS AND WATER**—James Sutcliffe—St. Martin's Press, 1968, 81 p., illus., paper, \$1.50. Presents the contemporary insight into plant-water relations, using terminology based on thermodynamic concepts to help student understand more clearly the physical principles underlying water movement in plants.

**POVERTY: AMERICA'S ENDURING PARADOX: A History of the Richest Nation's Unwon War**—Crowell, 1969, 341 p., \$8.95. Traces the history of poverty in America, as well as the many antipoverty campaigns that have been conducted since 1607 to the present.

**A PSYCHOLOGIST OF SORTS:** The Autobiography and Publications of the Inventor of the Porteus Maze Tests—Stanley D. Porteus—Pacific Bks., 1969, 325 p., photographs, \$7.50. Autobiography includes reminiscences of expeditions among the aborigines of Australia and the Bushmen of the Kalahari.

**PSYCHIATRIC ASPECTS OF CRIMINOLOGY**—Seymour L. Halleck and Walter Bromberg, Eds.—Thomas, C. C., 1968, 82 p., \$5.50. Monograph evolved from a panel discussion of the problems arising from viewing criminal acts as human misbehavior rather than a manifestation of evil.

**RICH SCHOOLS, POOR SCHOOLS: The Promise of Equal Educational Opportunity**—Arthur E. Wise—Univ. of Chicago Press, 1969, 228 p., \$9. Focusing on Supreme Court school desegregation cases, reapportionment cases concerning discriminatory use of geographic boundaries, and indigent defendant cases, the study shows how race, income and geography all too often limit educational opportunities.

**SAFETY IN THE CHEMICAL LABORATORY**—Norman V. Steere, Ed.—Chemical Education Pub. Co., 1968, 125 p., illus., paper, \$3. Reprinted from Journal of Chemical Education, articles are arranged in topical order and indexed by subjects which range from safety considerations in research proposals to protection from high-energy lasers.

**THE SCIENCE OF CHEMISTRY**—Ira M. Freeman and A. Rae Patton—Random House, 1969, 136 p., photographs, illus. by Zenowij Onyskewych, \$3.50; paper, \$1.50. Presents in tempting form a readable outline of the scope and the concepts behind the science of chemistry.

**THE SCIENCES OF THE ARTIFICIAL**—Herbert A. Simon—M.I.T. Press, 1969, 123 p., illus., \$5.95. Concerned with research in organization theory, the author shows how empirical sciences of artificial systems are possible, and how artificial phenomena acquire an air of "contingency" in their malleability by environment.

**SIMPLIFIED DIET MANUAL** with Meal Patterns—Nutrition Service, Iowa Dept. of Health—Iowa State Univ. Press, 1969, 3rd ed., 106 p., charts, \$3.50. Menus and recipes for general diets and modifications, soft and liquid diets, diabetic, calories-restricted and fat-restricted diets.

**SOLID PHASE PEPTIDE SYNTHESIS**—John Morrow Stewart and Janis Dillaha Young, foreword by R. B. Merrifield—Freeman, 1969, 103 p., illus., \$5. Authoritative handbook, provides all the practical details required to make use of a new

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experimental method expected to play an important role in the chemical analysis of proteins.

**SOUND AND ULTRASONICS**—Ira M. Freeman—Random House, 1969, 137 p., illus., by George T. Resch, \$3.50. Basic concepts of the physics of sound, well illustrated.

**STARS AND THE UNIVERSE**—David Dietz—Random House, 1969, 136 p., photographs, illus. by John Polgreen, \$3.50. Presents the basic concepts of modern astronomy in simple language, generously illustrated.

**THE STRUCTURE OF THE UNIVERSE**—E. L. Schatzman, transl. from French by Patrick Moore—McGraw-Hill, 1969, 253 p., photographs, diagrams, \$2.45. A discussion of the galaxy, time, space and the universe in the light of the latest findings of astronomy and astrophysics.

**SUICIDE AND MASS SUICIDE**—Joost A. M. Meerloo, M.D.—Dutton, 1968, 194 p., \$4.95; paper, \$1.65. Psychoanalyst unravels the many aspects of the urge to self-destruction that activates not only individuals but also cultures and nations.

**SUNS, MYTHS AND MEN**—Patrick Moore—Norton, 1969, 236 p., photographs, \$6.95. Rewritten and updated version of 1953 book entitled **THE STORY OF MAN AND THE STARS**. Compares present-day ideas with those of past periods of astronomical developments and speculates as to what is likely to happen in the future.

**THE 21st CENTURY: The New Age of Exploration**—Fred Warshofsky—Viking Press, 1969, 177 p., photographs, \$6.95. Based on the award-winning television series, the book focuses on some of the tools and targets of tomorrow, such as the computer, the atom and the laser, showing how they assist research.

**WHAT YOU CAN DO ABOUT CANCER**—Joseph C. Maroon, M.D.—Doubleday, 1969, 194 p., illus., \$5.95. Written to help the reader recognize any early symptoms that require a doctor's attention, the book also discusses modern methods of examination and generally accepted methods of treatment.


**WHO'S WHO OF BRITISH ENGINEERS, 1968**—Ohio Univ. Press, 1969, 784 p., \$36.50. Alphabetical list of engineers, with biographical data, engineers classified under their specialties, professional institutions and publications.

**THE WORLD ALMANAC AND BOOK OF FACTS, 1969**—Luman H. Long, Ed.—Doubleday, 932 p., maps, \$2.95. Up-to-date reference to commonly sought facts and statistics, from accidents and astronomical data, through economics and education, to population, world facts and zip codes.

**A WORLD FULL OF ANIMALS**—John Hunt—McKay, 1969, 378 p., photographs, \$6.95. A roaming account of all kinds of wild animals, their habits and relations to man, and their adaptation to life in the zoos of the world.

**THE YOUTH DOCTORS**—Patrick M. McGrady, Jr.—Coward-McCann, 1968, 352 p., photographs, \$7.95. A journalist's well-researched and objective account of doctors and others who promise to revitalize and/or prolong life-spans with their special formulas and have set up lucrative businesses, also discusses some of the serious researchers in this field.

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