

# Books of the Week

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**BERYLLIUM TECHNOLOGY**, Vols. 1 and 2—L. McDonald Schetky and Henry A. Johnson, Eds.—Gordon & Breach, 690 p., 590 p., illus., \$35 each; paper, \$19 each. Vol. 1 deals with purification and alloying studies, physical and mechanical metallurgy. Vol. 2 deals with mechanical and process metallurgy, and with design and application of beryllium structures.

**BIRDS IN OUR LIVES**—Alfred Stefferud and Arnold L. Nelson, Eds.—USDI, Fish & Wildlife Service (GPO), 561 p., 372 photographs, illus. by Bob Hines, \$9. Gives the American family a wide perspective of birds as they affect and are affected by people, other birds and other forms of life and activities.

**THE CONDENSED CHEMICAL DICTIONARY**—Arthur and Elizabeth Rose, Eds.—Reinhold, rev. 7th ed., 1,044 p., \$17.50. Offers current information on chemicals, materials, trademarks, uses, formulas, derivations, properties, grades, synonyms, shipping instructions and safety regulations.

**CORROSION RESISTANT MATERIALS HANDBOOK 1966**—Ibert Mellan—Noyes Development Corp., 240 p., paper, \$25. Offers 95 tables that describe corrosion-resistant qualities of synthetic resins and polymers, elastomers, cements and mortars, glass, wood, metals and alloys.

**CUSTOMS AND CULTURE OF VIETNAM**—Ann Caddell Crawford, foreword by Henry Cabot Lodge—Tuttle, 259 p., illus. by Hau Dinh Cam, map, \$3.95. Concise handbook, tells in readable form about the geography and history, the people, their religion, education and customs, arts, medicine, industry and places of special interest.

**FORMS OF NATURE AND LIFE**—Andreas Feininger—Viking Press, 68 p. text, 170 plates partly in color, \$18.50. Presents the wonders of the natural world in its manifestations through forms in land and erosion, in waves and shores, animal engineering and camouflage, shells and bones.

**A GEOLOGIST'S VIEW OF CAPE COD**—Arthur N. Strahler—Natural Hist. Press, 115 p., illus., \$4.95. Written for the summer visitor and amateur geologist, this book deals with the Cape's unique geological history from the Ice Age to the present.

**GREAT UNDERSEA ADVENTURES**—Helen Wright and Samuel Rapport, Eds.—Harper, 379 p., \$4.95. Selected readings about deep-sea diving and undersea exploration, from aboard a nuclear sub to shark attacks.

**HANDBOOK OF COMPRESSED GASES**—Compressed Gas Association—Reinhold, 398 p., illus., \$20. Comprehensive working manual, deals with 49 widely used gases, from acetylene to xenon, giving basic data on properties, uses, manufacture, safe handling, shipping methods and containers.

**HANDS ON THE PAST: Pioneer Archaeologists Tell Their Own Story**—C. W. Ceram, Ed.—Knopf, 434 p., illus., \$8.95. Presents 75 excerpts from first-hand reports on significant archaeological discoveries, from the first systematic excavations to the present day, regionally covering Europe, North Africa, the Near East and both the Americas.

**THE HUMAN MACHINE: ADJUSTMENTS**, Vol. 7. Encyclopedia of the Life Sciences—Raoul Kourilsky and others, transl. from French—Doubleday, 160 p., 100 color photographs, diagrams, \$9.95. In this "science of the patient" volume, physiologists describe for the lay reader lesions, controls and regulations, new techniques of surgery and modern patient care.

**INTERACTIONS OF MAN AND HIS ENVIRONMENT**—Burgess H. Jennings and John E. Murphy, Eds.—Plenum Press, 168 p., illus., \$9.50. Papers and panel discussions (Northwestern University Conference, 1965) concerning environmental health, man's relationship to his thermal, auditory, visual and olfactory environment, ecological balance and atmospheric pollution.

**MAN OF TOMORROW**, Vol. 8. Encyclopedia of the Life Sciences—Jean Rostand, Albert De-launey and others, transl. from French—Doubleday, 160 p., 100 color photographs, drawings,

\$9.95. French biologists review the physical factors on which man's life depends and conclude with predictions on the future development of biology, medicine and human life.

**MURDER FOLLOWED BY SUICIDE: An Inquiry** Carried out for The Institute of Criminology, Cambridge—D. J. West—Harvard Univ. Press, 181 p., \$6.25. A well written analysis of some 150 cases in England identifying mental abnormality in murder-suicide offenders, the psychology of murder-suicide during melancholia and the psychology of murder-suicide by sane persons.

**MUSICAL INSTRUMENTS AND AUDIO**—G. A. Briggs—Wharfedale (Herman Publishing Service), 238 p., 121 illus., \$5.95. Addressing the concert-goer and audiophile, the book examines the performance and frequency range of more than 60 instruments.

**NEW MOVEMENT IN CITIES**—Brian Richards—Reinhold, 96 p., illus., \$5.50; paper, \$2.45. An architect's look at existing and future cities and speedy devices to help people move about in them.

**A PICTORIAL TREASURY OF THE SMITHSONIAN INSTITUTION**—Robert B. Widder—Chilton Bks., 272 p., 700 photographs, \$20. A panorama of museum exhibits, from gems and fossils through tools and archaeology to philately and weaponry.

**THE PRIVATE LIFE OF THE DOG: Does it Think?**—R. H. Smythe—Arco Pub. Co., 124 p., \$4.95. An examiner of the Royal College of Veterinary Surgeons relates his experienced views on dog behavior and the psychology of training dogs.

**THE READER'S DIGEST GREAT ENCYCLOPEDIA DICTIONARY** including Funk & Wagnalls Standard College Dictionary—Sidney I. Landau, Man. Ed., Harold Ward, Science Ed.—Reader's Digest Assn., 2,100 p., illus., \$14.95. Gives definitions of more than 150,000 entries, supplemented by foreign language dictionaries in German, French and Spanish, as well as articles on the English language, dictionaries of medical terms, slang and quotations.

**REDWOOD EMPIRE**—Stuart Nixon—Dutton, 256 p., 263 photographs, \$15; \$11.95. until 1/1/67. Introduces the reader to the varied regions of California redwood country with emphasis on history from the days of the Indians and early settlers to the present.

**THE SEA**—Robert C. Miller—Random House, 316 p., 243 photographs with 83 in color, \$15; \$12.95. until 12/31/66. Marine biologist and oceanographer introduces the general reader to the scientific world of undersea geography, winds, waves, tides and ocean currents, to marine life and man's business with the sea.

**SEA SHELLS OF THE WORLD**—A. Gordon Melvin—Tuttle, 167 p. photographs (27 plates in color) by Lorna Strong Melvin, \$7.50. A practical guide illustrating more than 1,100 shells, a selection most wanted by active collectors, listed by Latin names, giving location and dealers' prices.

**SOVIET SOCIOLOGY: Historical Antecedents and Current Appraisals**—Alex Simirenko, Ed.—Quadrangle Bks., 384 p., \$7.95. Collection of articles and essays surveying the growth, decline and rebirth of Soviet sociology in historical context.

**STRUCTURE, FORM, MOVEMENT**—Heinrich Hertel, transl. from German—Reinhold, 251 p., photographs, diagrams, \$17.50. Concerned with the relationship between biology and engineering, the author shows with the aid of many apt illustrations how man analyzes the needs, approaches available data, draws relevant analogies and applies the study of forms, systems and processes in living nature to find better solutions for engineering problems.

**THE UNITED STATES AND CHINA IN WORLD AFFAIRS**—Robert Blum; A. Doak Barnett, Ed.—McGraw, 287 p., \$6.50. An analysis of U.S. relations with China, of ideological and political currents in Asia, and recommendations concerning U.S. foreign policy in Taiwan, the U.N. and in general.

**THE UNIVERSE: From Flat Earth to Quasar**—Isaac Asimov—Walker & Co., 308 p., plates, diagrams, \$6.50. Surveys for the general reader the major hypotheses and discoveries man has made about the universe that surrounds him into far outer space, including particle bombardment and energetic photons.

**TIROS: Weather Eye in Space**—John Jakes—Messner, 191 p., photographs, \$3.95. Offers the general reader an understanding of the historical background and the technical developments that produced the U.S. weather satellite program.

**THE USES OF AIR PHOTOGRAPHY: Nature and Man in a New Perspective**—J. K. S. St. Joseph, Ed.—Day, 166 p., 84 plates \$15. An account of the varied applications of air photography in cartography, geology and geography, scientific study of soils, plant ecology, zoological studies, game management, archaeology and town planning.

**WHAT DOES THE TIDE DO**—Jean Kinney—Young Scott Bks. (Scott), unpagged, illus. by Cle Kinney, \$3.95. Cleverly illustrated book answers a young boy's questions about the varied marine life moving in and out with the tides.

**ANTS AND TERMITES**—Gwynne Vevers—McGraw, 32 p., illus. by Colin Threadgall, \$2.95. Describes for young readers the habits of a variety of ants, with detailed illustrations.

**AND EVERYTHING NICE: The Story of Sugar, Spice and Flavoring**—Elizabeth K. Cooper—Harcourt, 80 p., illus. by Julie Maas, \$2.95. Tells young readers where vanilla, pepper, cinnamon, nutmeg, mustard and other condiments come from.

**POSTMEN THE WORLD OVER**—Floyd James Torbert—Hastings House, 64 p., illus. by author, \$3.75. Gives young boys and girls a graphic account of how the mail is delivered in different countries.

**THE RIMAC: River of Peru**—Alexander L. Crosby—Garrard Pub. Co., 96 p., photographs by Nancy Henderson, map, \$2.25. Acquaints young readers with the people of Peru and the importance of the river to their history and development.

**THE RIO GRANDE: Life for the Desert**—Alexander L. Crosby—Garrard Pub. Co., 96 p., illus. map, \$2.25. A short history of the Rio Grande Valley, for boys and girls.

**THE ZONING GAME: Municipal Practices and Policies**—Richard F. Babcock—Univ. of Wis. Press, 202 p., \$5.75. Based on experience in representing and advising developers and local governments, the author has written a lively and informative book on zoning.

**WINTER SCIENCE ACTIVITIES: Experiments and Projects**—John M. Youngpeter—Holiday House, 128 p., illus. by Gardner J. Ryan, \$2.95. Winter with its bare trees, snow, ice and star-lit evenings offers special opportunities for science-minded boys and girls.

**WHEN HUNGER CALLS**—Anne Terry White and Gerald S. Lietz—Garrard Pub. Co., 81 p., illus. by Ted Schroeder, \$2.07. Tells young boys and girls how the alimentary tract works and about some of the problems and scientific efforts made to feed the world.

**THE WONDERS OF NATURE**—Geoffrey Coe, Grace F. Ferguson and Amy Elizabeth Jensen—Grosset & Dunlap, 160 p., illus. by Cynthia I. and Alvin Koehler, \$3.95. Informative and generously illustrated treatment of mushrooms, ferns and mosses, wild flowers and trees, for boys and girls.

**THE WONDERS OF THE HUMAN BODY**—Martin L. Keen—Grosset & Dunlap, 128 p., illus. by Darrell Sweet, overlay plates, \$3.95. Tells boys and girls about the anatomy of man and the physiology of the various body systems, together with a brief history of medicine.

**THE YEAR OF THE RACCOON**—Lee Kingman—Houghton, 246 p., \$3.50. Story of a family and their pet raccoon.