

# SCIENCE NEWS

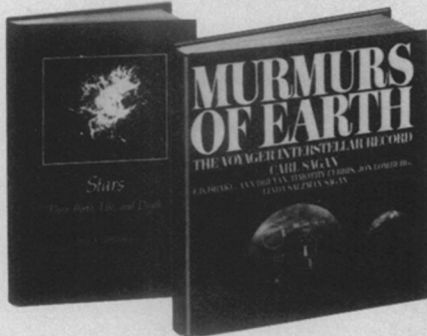
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# The origins of the solar system... stellar evolution...colonies in space... black holes...the red planet...

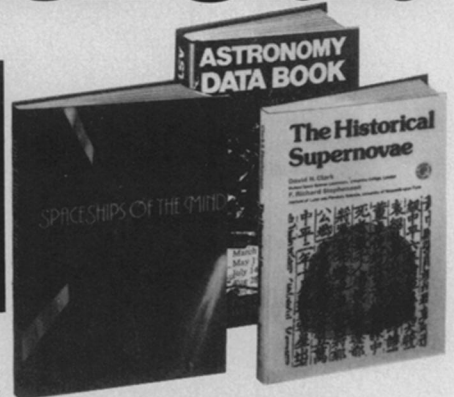
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**ARCHOSAURIA; A New Look at the Old Dinosaur**—John C. McLoughlin—Viking Pr, 1979, 117 p., illus. by the author, \$10.95. The author, a proponent of the new theories of advanced dinosaur metabolism, amasses data to support this point of view in readable language. Presents a strong case for the dinosaur as one of the most successful animals ever to inhabit the earth. [1]

**BEHAVIOR OF CAPTIVE WILD ANIMALS**—Hal Markowitz and Victor J. Stevens, Eds.—Nelson-Hall, 1978, 314 p., illus., \$16.95. Previously unpublished materials concerned with animal communication, control of predatory behavior, display of captive animals and basic operant research in the zoo. [2]

**BOTANICAL ILLUSTRATION**—Ronald King—Potter (Crown), 1978, 40 p., 40 color plates and b&w illus., \$14.95, paper, \$6.95. A survey of botanical illustrations that ranges from beginnings in Greece and the Orient to their Western flowering during the Renaissance, through the famous 18th and 19th century artists, right up to modern times, with a look at the history and the famous practitioners of the art. [3]

Illustration at right taken from *Botanical Illustration* © 1978 by Ash and Grant. Used by permission of Clarkson N. Potter, Inc.

**BROCA'S BRAIN: Reflections on the Romance of Science**—Carl Sagan—Random, 1979, 347 p., \$12.95. This book of 25 essays is about the exploration of the universe and ourselves. The range of topics is diverse—from a crystal of salt to the structure of the cosmos, birth and death, robots and climates, the nature of intelligence and the search for life beyond the earth. [4]

**CHICKEN SOUP: And Other Medical Matters**—S. Harris, foreword by Willard R. Espy—W Kaufmann, 1979, 101 p., illus., \$7.95, paper, \$3.95. A cartoonist's delightful look at medicine and the medical profession. [5]

**EARLY MAN AND THE OCEAN: A Search for the Beginnings of Navigation and Seaborne Civilizations**—Thor Heyerdahl—Doubleday, 1979, 438 p., illus., \$12.95. Heyerdahl has reworked some of his most important papers and speeches of recent years. His conclusions and speculations about the earliest human ventures onto the oceans and their consequences for the diffusion of civilizations are presented. [6]



# BOOKS IN BLOOM

Take your pick  
from this bouquet  
of past favorites

**EUREKA! An Illustrated History of Inventions from the Wheel to the Computer**—Edward DeBono, Ed.—HR&W, 1979, 248 p., color and b&w illus., paper, \$10. The important inventions throughout history—how they came about, who made them, and what effects they had. First published in the United States in paper in 1979. [7]

**A GUIDEBOOK TO NUCLEAR REACTORS**—Anthony V. Nero, Jr.—U of Cal Pr, 1979, 289 p., illus., paper, \$9.95. Provides an introduction to nuclear power plants, describes types of reactors that are commercially available—their basic systems, safety design and operational characteristics—discusses questions that are basic to future development of nuclear power and describes advanced reactors. [8]

**HOW THE BODY WORKS**—Ron Wilson, foreword by Edmund O. Rothschild—Larousse, 1978, 96 p., color and b&w illus., \$7.95. A book for the general reader that tells in detail how the various parts of the body operate. The text is greatly enhanced by gorgeous color illustrations. [9]

**HUMAN SEXUALITY**—Herant A. Katchadourian, Donald T. Lunde and Robert J. Trotter—HR&W, brief ed., 1979, 343 p., illus., paper, \$9.95. Biological, psychological and social aspects of human sexuality are dealt with thoroughly according to the most recent research findings in this briefer version of *Fundamentals of Human Sexuality*. [10]

**LIVING WITH HIGH BLOOD PRESSURE: The Hypertension Diet Cookbook**—Joyce Daly Margie and James C. Hunt—HLS Pr (Chilton), 1978, 309 p., illus., \$13.95. Dietary change is the cornerstone of safe, effective, long-term blood pressure control, says Dr. Levy, director of the National Heart, Lung and Blood Institute, in the foreword. Nutrition therapy is explained and recipes for those with hypertension are presented in this helpful cookbook. [11]

**MALIGNANT NEGLECT**—Joseph H. Highland, Marcia E. Fine and Robert H. Boyle—Knopf, 1979, 275 p., illus., \$10. Written by Boyle and staff members of the Environmental Defense Fund to show which chemicals are cancer-causing agents, how serious they are, what carelessness and neglect has done and is doing to increase cancer rates and what individuals can do to protect themselves and generations to come. [12]

**THE MUSHROOM TRAILGUIDE**—Phyllis G. Glick—HR&W, 1979, 247 p., illus., \$9.95, paper, \$5.95. Describes in nontechnical language more than 400 edible mushrooms found in North America. Tells you which ones to eat, which to avoid and how to cook what you find. Beautifully illustrated with line drawings. [13]

**NUCLEAR DISASTER IN THE URALS**—Zhores A. Medvedev, translated by George Saunders—Norton, 1979, 214 p., \$12.95. The history of the Urals nuclear disaster is recorded, according to the author (a Soviet scientist living in exile), in the omissions, distortions, falsifications and anomalies in Soviet scientific articles, which were attempting to disguise the fact that they were about the Urals explosion. From the articles and other sources Medvedev has attempted a reconstruction of the 1957 to 1958 nuclear accident. [14]

**SCENT SIGNALS: The Silent Language of Sex**—Janet L. Hopson—Morrow, 1979, 191 p., \$7.95. How scent affects our sex lives. The readable story of the search for human pheromones, involving both animal and human experiments. [15]

**666 SCIENCE TRICKS & EXPERIMENTS**—Bob Brown—Tab Bks, 1978, 405 p., illus., paper, \$7.95. A collection of science experiments using readily available materials for those who have a natural investigative curiosity about how and why things happen. These experiments originally appeared in a syndicated newspaper column. [16]

**SMALL WORLDS CLOSE UP**—Lisa Grillone and Joseph Gennaro—Crown, 1978, 68 p., illus., \$7.95. A collection of spectacular photographs of familiar objects viewed through the electron microscope, such as pins and needles, a leaf, chalk, hair, a fish scale and bird feathers. The photographs are discussed in simple nontechnical language. [17]

**SOLAR SYSTEM**—Peter Ryan, foreword by Carl Sagan—Viking Pr, 1979, 224 p., color illustrations by Ludek Pesek and photographs, \$19.95. The mysteries of our solar system are explored and explained. The text is enhanced with magnificent illustrations and diagrams. [18]

**WHAT IS THE WORLD MADE OF? Atoms, Leptons, Quarks, and Other Tantalizing Particles**—Gerald Feinberg—Anchor Pr, Doubleday, 1978, 290 p., illus., paper, \$3.95. Presents some of the important aspects of 20th century physics for those with little previous knowledge of physics and no mathematics beyond secondary school. Published in hardcover in 1977. [19]

**THE WORLD ENERGY BOOK: An A-Z, Atlas and Statistical Source Book**—David Crabbe and Richard McBride, Eds.—MIT Pr, 1979, 259 p., illus., paper, \$12.50. Intended as a comprehensive reference guide to energy-related terminology and technology, energy sources, economics and other factors related to the search for, extraction of, production and utilization of the major and alternative sources of energy, together with resources, maps and statistical charts. [20]

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