

**THE AMBIDEXTROUS UNIVERSE: Mirror Asymmetry and Time-Reversed Worlds** — Martin Gardner. The second edition was revised, updated and expanded to include five new chapters on the latest speculations on time and how they relate to physics and cosmology. Scribner, 2nd ed., 1979, 293 p., illus., \$12.50, paper, \$4.95. [1]

**THE BEGINNER'S HANDBOOK OF ELECTRONICS** — George H. Olsen, revised by Forrest M. Mims, III. Written for the layman who wishes to gain an understanding of the principles of electronics. Assumes no more prior knowledge than that of elementary electricity and seeks to avoid mathematics. Discusses such topics as resistors, transistors, semiconductors, integrated circuits, television and digital circuits. P-H, 1980, 305 p., illus., \$17.95, paper, \$6.95. [2]

**CAREERS WORKING WITH ANIMALS: An Introduction to Occupational Opportunities in Animal Welfare, Conservation, Environmental Protection and Allied Professions** — Guy R. Hodge. Explores a variety of professions requiring diverse educational backgrounds and skills and analyzes the prospects for young professionals. The Humane Society of the U.S. (Acropolis), 1979, 146 p., illus., paper, \$6.95. [3]

**THE COMPLETE CARE OF ORPHANED OR ABANDONED BABY ANIMALS** — C. E. Spaulding and Jackie Spaulding. Tells how to take care of nearly any type of baby animal — wild or domestic. Includes a chapter on first aid for sick or wounded animals and explains what one should know before releasing an animal raised to maturity to its original, wild environment. Rodale Pr Inc., 1979, 272 p., illus., \$10.95, paper, \$7.95. [4]

**EARTHQUAKES AND VOLCANOES: Readings from Scientific American** — Introduction by Bruce A. Bolt. Discusses properties of earthquake sources, seismic waves and the way these are measured by instruments; provides an up-to-date summary of the procedures seismologists use to explore both the structure and deformation of the earth's interior; presents volcanoes as fascinating natural features; and assesses their importance as global heat engines. WH Freeman, 1980, 154 p., illus., \$15, paper, \$7.95. [5]

**EUREKA! An Illustrated History of Inventions from the Wheel to the Computer** — Edward DeBono, Ed. 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. HR&W, 1979, 248 p., color and b&w illus., paper, \$10. [6]

**GENESIS ON PLANET EARTH: The Search for Life's Beginning** — William Day. Covers comprehensively in a lively style how biological systems came into being. Correlates the description of how life developed with the earth's evolution. Hse of Talos Pub, 1979, 408 p., illus., \$9.95. (See review, SN: 11/10/79, p. 334.) [7]

**THE MUSHROOM TRAILGUIDE** — Phyllis G. Glick. 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. HR&W, 1979, 247 p., illus., \$9.95, paper, \$5.95. [8]

**A NEW LOOK AT THE DINOSAURS** — Alan Charig. A worldwide authority on dinosaurs, the author examines and explains for the layman the known facts and discusses the current theories about those mysterious and fascinating creatures. Mayflower Bks, 1979, 160 p., illus., \$12.50. [9]

**OVERCOMING MATH ANXIETY** — Sheila Tobias. Primarily a discussion of how intimidation, myth and misunderstanding have affected a large proportion of the population in the job market. Written to convince women and men that their fear of mathematics is the result and not the cause of their negative experiences with math and to encourage them to give themselves another chance. Originally published in hardback in 1978. HM, 1980, 284 p., illus., paper, \$5.95. [10]

# TAKE COVER!

**PERPETUAL MOTION: The History of an Obsession** — Arthur W. J. G. Ord-Hume. The perpetual motion seeker was, in most cases, a dedicated scientist fettered not by his own ignorance, but by the limitations of scientific and mechanical knowledge of his time. Originally published in hardback in 1977. St Martin, 1980, 235 p., illus., paper, \$5.95. [11]

**THE PINE TREE BOOK: Based on the Arthur Ross Pinetum in Central Park** — Russell Peterson. Pines grow worldwide in the Northern Hemisphere and many species have been introduced to North America from their native habitats. This beautifully illustrated book is primarily an identification guide to pine trees. Pine trees are discussed in general terms in the introduction. Brandywine (Dutton), 1980 144 p., color and b&w illus., \$14.95, paper, \$7.95. [12]

**PRACTICAL ASTRONOMY WITH YOUR CALCULATOR** — Peter Duffett-Smith. For the amateur astronomer who wishes to predict future astronomical events, such as the position of an astronomical object at a particular time, and has a modest scientific pocket calculator. The steps necessary for the solution of the problems are outlined in detail. Cambridge U Pr, 1979, 129 p., illus., \$22.50, paper, \$7.50. [13]

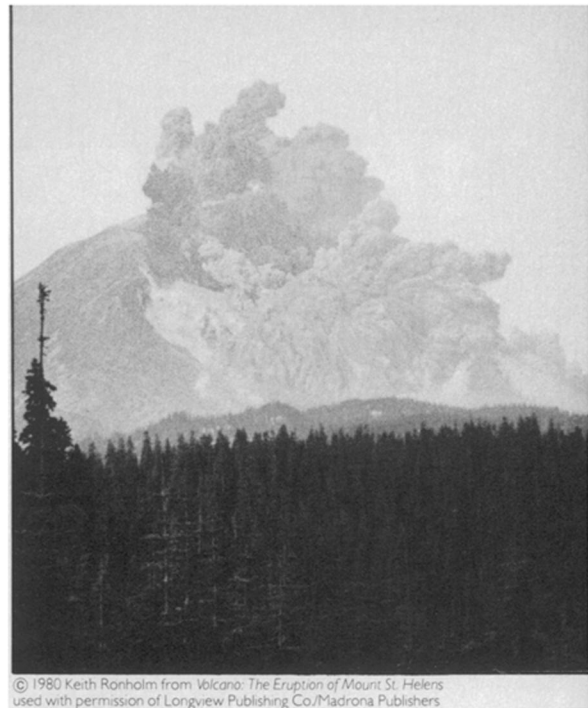
**RUNNING ON EMPTY: The Future of the Automobile in an Oil-Short World** — Lester R. Brown et al. An initial assessment by staff members of the Worldwatch Institute of the fast-changing oil outlook and its implications for the future of the automobile. Norton, 1979, 116 p., charts and graphs, \$7.95. [14]

**STONES: Their Collection, Identification, and Uses** — R. V. Dietrich. A practical guide for the collector, this book explains the differences between minerals, rocks and stones, tells where stones may be found and how they are formed. Includes illustrations, tables and charts to help identify stones and discusses the many ways stones are used. A glossary and bibliography are included. W H Freeman, 1980, 145 p., illus., \$12.95, paper, \$6.95. [15]

**THE TRUTH ABOUT SENILITY — AND HOW TO AVOID IT** — Lawrence Galton. To provide a clear picture of what recent research has discovered about aging, what is inevitable and what is not, and how relatively rare is true senile dementia (with which senility is commonly equated). T Y Crowell, 244 p., \$9.95. [16]

**THE VIOLENT FACE OF NATURE: Severe Phenomena and Natural Disasters** — Kendrick Frazier. A fascinating book about the severe forces of nature and the disasters that result when human populations find themselves in the path of the unleashed destructive force. Also details how human beings — as individuals, families, communities and governments — respond to natural disasters. Morrow, 1979, 386 p., illus., \$12.95. [17]

**VOLCANO: The Eruption of Mount St. Helens** — Staffs of The Daily News, Longview, WA and The Journal American, Bellevue, WA. Spectacular photographs of the eruption and devastation along with pre-eruption photographs, devastation diagrams, an eruption chronology to May 18 and human interest stories. Madrona Pr, 1980, 96 p., color and b&w illus., \$6.95. [18]



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**WATCHING BIRDS: An Introduction to Ornithology** — Roger F. Pasquier. For bird watchers who would like to know more about the birds they see, this book provides an introduction to bird biology and bird behavior. Originally published in hardback in 1977. HM, 1980, 301 p., illus., paper, \$5.95. [19]

**WEATHERING THE WILDERNESS: The Sierra Club Guide to Practical Meteorology** — William E. Reifsnnyder. A complete primer on weather expressly designed to aid the outdoor recreationist and traveler who plans a trip to wild country in any part of North America, in any season of the year. Discusses air masses, storms and frontal systems, the meteorology of microclimates and presents a survey of weather-related hazards that can endanger the life of the outdoorsperson. Sierra (Scribner), 1980, 276 p., illus., paper, \$8.95. [20]

**WHAT ARE MY CHANCES?** — Ben Eiseman. An increasing number of patients are becoming interested in sharing with their physicians the decision-making process that is so vital to the patient's future. This book by a surgeon discusses the consequences and treatments of various medical problems in terms of the odds of recovery, complications and survival. Saunders Pr (HR&W), 1980, 402 p., illus., \$14.95. [21]



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