

# BOOKS

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**AMERICA'S LAST WILD HORSES** — Hope Ryden — Dutton, rev. ed., 1978, 319p., illus., paper, \$5.95. Tells the story of wild horses in America from the 16th century to the present. In two new chapters the latest developments in the fight to save these beautiful creatures are presented.

**ANNUAL REVIEW OF EARTH AND PLANETARY SCIENCES, Vol. 6** — Fred A. Donath et al, Eds. — Annual Reviews, 1978, 543p., illus., \$17. The prefatory chapter is written by Fred L. Whipple.

**AQUACULTURE IN SOUTHEAST ASIA: A Historical Overview** — Shao-Wen Ling — U of Wash Pr, 1978, 108p., illus., \$19.50; paper, \$7.50. Presenting practical knowledge of fish and crustacean farming that has accumulated in Asia through centuries of down-to-earth experience.

**THE BASIC IDEA: An Introduction to Computer Programming** — Richard Forsyth — Chapman and Hall (Halsted Pr), 1978, 154p., paper, \$4.95. The great attraction of Basic is that it is easy to learn. A novice should be able, according to the author, to write and execute a simple program in Basic after only one afternoon spent interacting with the Basic system on a terminal.

**BEYOND THE ARCTIC CIRCLE** — George Laycock — Four Winds, 1978, 116p., illus., \$7.95. A simply written book about the lands beyond the Arctic Circle and the animals and the peoples that inhabit this cold, harsh expanse of tundra, mountains and ice-filled seas on the North American continent.

**CLONING, NUCLEAR TRANSPLANTATION IN AMPHIBIA: A Critique of Results Obtained with the Technique to Which is Added a Discourse on the Methods of the Craft** — Robert Gilmore McKinnell — U of Minn Pr, 1978, 319p., illus., \$22.50. Cloning is used here to refer to the production of one or more individuals produced by nuclear transplantation, not as biologists generally use the word to refer to the production of multiple genetically identical individuals.

**COMBATING THE #1 KILLER: The SCIENCE Report on Heart Research** — Jean L. Marx and Gina Bari Kolata, preface by Jeremiah Stamler — AAAS, 1978, 205p., illus., \$17; paper, \$7.50. A comprehensive review of current heart disease research written for the nonspecialist reader.

**DAUGHTERS: From Infancy to Independence** — Stella Chess and Jane Whitbread — Doubleday, 1978, 252p., \$7.95. To help parents bring their daughters up to be ready for the future where, for the first time in history, the girls may be able to choose the careers they want and lead lives of their own choosing.

**DEATH AND DYING: Principles and Practices in Patient Care** — Richard G. Benton — Van Nos Reinhold, 1978, 363p., illus., \$12.95. Examines the practical, theoretical, social and psychological aspects of death and dying to help the professional and the nonprofessional cope with the needs of the dying and bereaved.

**DESERT JOURNAL: Reflections of a Naturalist** — Raymond B. Cowles — U of Cal Pr, 1978, 263p., illus., paper, \$4.95. An introduction to the wonders of life in the desert by a naturalist who spent the greater part of his career studying the wild lands of Southern California.

**A DICTIONARY OF THE NATURAL ENVIRONMENT** — F.J. Monkhouse and John Small — Halsted Pr, 1978, 320p., illus., \$19.50. A reference work of geography and the environmental sciences. Based partly on F.J. Monkhouse's *Dictionary of Geography*.

**DOLPHINS, WHALES AND PORPOISES: An Encyclopedia of Sea Mammals** — David J. Coffey — Collier Books, 1978, 223p., illus., paper, \$8.95. Covers three orders of mammals that have separately re-adapted to the marine environment, the Cetacea (whales, dolphins and porpoises), the Pinnipedia (seals, sea lions and walruses), the Sirenia (dugongs, sea cows and manatees) and includes a description of the sea otter. Beautifully illustrated. Originally published in hardback in 1977.

**PHOTOVOLTAIC POWER GENERATION** — David L. Pulfrey — Van Nos Reinhold, 1978, 218p., illus., \$16.95. Evaluates the possibilities and problems of photovoltaic energy conversion and discusses the technical, economic and institutional factors governing its use in large-scale electric power systems.

**PLANT AND PLANET** — Anthony Huxley — Penguin, rev. ed., 1978, 464p., paper, \$3.95. Written to stimulate interest in the world of plants and our perception of it. Tells how plants evolved, describes main plant groups, plant structures and functions and discusses the impact of humans on the plant kingdom.

**THE REPUBLIC OF TECHNOLOGY: Reflections on Our Future Community** — Daniel J. Boorstin — Har-Row, 1978, 105p., \$8.95. Reflections on the new meaning of technology for America and of America for technology.

**REVOLUTION IN MINIATURE: The History and Impact of Semiconductor Electronics** — Ernest Braun and Stuart MacDonald — Cambridge U Pr, 1978, 231p., illus., \$16.95. Presents for the lay reader an account of how the main inventions came about, how a major new industry grew up and how our lives have been affected by semiconductor electronics.

## SCIENCE ON TV

SCIENCE NEWS prints the latest written word of scientific developments and noteworthy news. We've set this space aside to inform our readers of programs of scientific interest that are scheduled on television. Check your local listings for exact times.

• **August 3 (NBC)** — "Tut: The Boy King" is a repeat of the award-winning special taped at the National Gallery of Art in Washington, D.C. In addition to showing some of the 5,000 artifacts recovered from the tomb, the program will feature photographs of the 1922 excavation.

• **August 27 (CBS)** — "The Body Human: The Miracle Months" reruns the first show of the "Body Human" series. Dealing in general with the science of conception, gestation and birth, the show focuses on three mothers whose severe pregnancy problems were solved through the use of modern photographic techniques, such as cinemicrography, fetoscopy and thermography.

• **NOVA (PBS)** — will not be seen during August and September, but will return in October with reruns of some of the most popular shows from the past season.

**SOFT-TECH** — J. Baldwin and Stewart Brand — Penguin, 1978, 175p., illus., paper, \$5. Articles on the use of "soft" or appropriate technology, interspersed with book, magazine, tool and gadget reviews. Some of the articles appeared first in the COEVOLUTION QUARTERLY.

**SOVIET SCIENCE** — Zhores A. Medvedev — Norton, 1978, 292p., illus., \$10.95. A brief history of science in the Soviet Union from 1917 to 1977 by a former Soviet scientist who published his first research paper in the PROCEEDINGS OF THE SOVIET ACADEMY in 1948 and worked within the USSR until 1973.

**STRESS DISORDERS AMONG VIETNAM VETERANS: Theory, Research and Treatment** — Charles R. Figley, Ed. — Brunner-Mazel, 1978, 326p., \$15. Specialists in the field of mental health examine the long-term psychological effects on those who served in the Vietnam War.

**TOPICS IN HORMONE CHEMISTRY, Vol. I** — W.R. Butt, Ed. — Halsted Pr, 1978, 291p., illus., \$42.50. A new series, the aim of which is to present up-to-date surveys on various aspects of hormone chemistry.

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