

## Books

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**The Deluge and the Ark: A Journey into Primate Worlds** — Dale Peterson, foreword by Jane Goodall. The author uses the term "deluge" to refer to subsistence hunting of primates in the tropics, international trade in live primates and destruction of tropical rain forests, home to many primate species. The "ark" includes wildlife sanctuaries, unspoiled forests, national parks and zoos. Peterson takes the reader along on three years of research and on his journey around the world in search of 12 primate species chosen to illustrate the effects of the "deluge" and the "ark." HM, 1989, 378 p., color illus., hardcover, \$24.95.

**Maya Glyphs** — S.D. Houston. Before A.D. 250 until well after the Spanish conquest, Maya Indians of Mexico and Central America used elaborate pictorial signs to record ideas, words and symbols. This book surveys the discovery and partial decipherment of glyphic writing and introduces the reader to the media on which glyphs are recorded. U of Cal Pr, Reading the Past Series, 1989, 64 p., illus., paperback, \$8.95.

**Primate Visions: Gender, Race and Nature in the World of Modern Science** — Donna Haraway. A scholarly, historical look at the study of apes, monkeys and humans. This biologist examines why we study primates and how these studies are influenced by, and in turn influence, our ideas of gender and race. Haraway points out biases that she sees in theories of human evolution and culture and looks at how this affects female scientists in the field. Routledge, 1989, 486 p., illus., hardcover, \$35.00.

**Sharing the Joy of Nature: Nature Activities for all Ages** — Joseph Cornell. Nature games and activities for adults and children. Games include Animal Clue, resembling Twenty Questions; Build A Tree, with players representing tree parts; and Sound Map, in which players create a map of forest sounds. The author introduces his concept of "flow learning," in which physical involvement in an activity enhances the nature experience. Dawn Publications, 1989, 160 p., illus., paperback, \$9.95.

**Silicon Dreams: Information, Man and Machine** — Robert W. Lucky. The author, executive director of research at AT&T Bell Laboratories, explains information theory, cryptology, speech synthesis and recognition, coding and other forms of information confronting society in the information age. In his afterword, Lucky says the human endeavor to create machines that handle data in a human way requires an understanding of how humans really do handle data. Through his semitechnical discussion, he shows that although information theory does not solve problems, as was once believed, it provides a mathematical and philosophical framework within which to fashion solutions. St Martin, 1989, 411 p., illus., hardcover, \$19.95.

## Science on the Air

Check your local listings for exact times and dates. (R) indicates a repeat broadcast.

**Oct. 1 (PBS) The Infinite Voyage** — "Living with Disaster" (R) Examines how scientists are monitoring natural hazards such as hurricanes and earthquakes in hopes of improving their prediction methods.

**Oct. 1 (PBS) Innovation** — "Fish Tales" Investigates the practice of aquaculture and explores its possible ecological and economic consequences.

**Oct. 1 (PBS) Against All Odds: Inside Statistics** Presents the concept of data analysis, focusing on the practical, everyday uses of statistics. Sundays.

**Oct. 3 (PBS) Nova** — "The Hidden City" A behind-the-scenes look at New York City's critical systems, such as water, power and waste disposal, and the disastrous consequences of their occasional failures.

**Oct. 4 (PBS) Can't Afford to Grow Old** Illustrates the growing demand for long-term care in the United States, highlighting the pressures — physical, emotional and financial — felt by the elderly and their caregivers.

**Oct. 4 (PBS) Conserving America** — "Challenge on the Coast" Profiles efforts to preserve U.S. coastlines.

**Oct. 7 (CNN) Future Watch** Explores global threats to the planet — environmental, ecological and technological — and the search for solutions. Saturdays.

**Oct. 7 (CNN) Healthweek** Provides comprehensive coverage of medical and health issues. Saturdays.

**Oct. 7 (CNN) Science and Technology Week** Covers the latest in science and technology. Saturdays.

**Oct. 7 (PBS) Wild America** — "Antlered Kingdom" (R) Looks at members of the deer family and the beautiful forms of their antlers.

**Oct. 8 (PBS) Nature** — "Footprints in the Valley" Traces the evolutionary roots of the Great Rift Valley's landscape and of the early human fossils that have been found there.

**Oct. 8 (PBS) Newton's Apple** Investigates how a roller coaster ride affects the human body and explains why some tigers are white.

**Oct. 9 (PBS) The Cowboy in Mongolia** Examines a pilot project aimed at halting the ecological devastation that is turning Mongolia's grasslands into desert.

**Oct. 10 (PBS) Nova** — "The Controversial Dr. Koop" Profiles the former surgeon general and his views on health issues such as AIDS and abortion.

**Oct. 11 (PBS) Discover: The World of Science** Charts the northward progress of killer bees and examines lifesaving treatments for heart arrhythmia.

**Oct. 14 (PBS) Wild America** — "Wild Wings" (R) Explores the song- and color-filled world of birds, examining the awesome natural power of flight.

**Oct. 15 (PBS) Nature** — "Out of the Ashes" Explores the lush plains of the Great Rift Valley and the relationships among the animals living there.

**Oct. 15 (PBS) Newton's Apple** Enters a bee colony to discover how and why bees sting and describes the physics of bowling.

**Oct. 21 (PBS) Wild America** — "Wild Cats" (R) Looks at a seldom seen but deadly animal family that has reached the peak of predatory evolution.



**Oct. 22 (PBS) Nature** — "Breaking the Continent" Examines the largest chasm in the Great Rift — the Red Sea — and the possibility that it may someday separate East Africa from the rest of the continent.

**Oct. 22 (PBS) Newton's Apple** Describes how spiders spin webs.

**Oct. 24 (PBS) Nova** — "Echoes of War" Documents the wartime history of radar.

**Oct. 29 (PBS) Nature** — "Under the Ice" Examines the many life forms that have adapted to the subzero waters of Antarctica.

**Oct. 29 (PBS) Newton's Apple** Travels to a Hawaiian rain forest and explains the physics of buoyancy.

**Oct. 30 (PBS) Journey into Sleep** Explores recent sleep research and presents fascinating insights into sleep and dreams.

**Oct. 31 (PBS) Nova** — "Decoding the Book of Life" Examines biologists' efforts to decode the human genome, and ethicists' warnings against such research.