

Science on the Air

Science News prints the latest written word of scientific development and noteworthy news. We've set this space aside to inform our readers of programs of scientific interest that are scheduled on television and radio. Check your local listings for exact times. (R) indicates a repeat broadcast

Jan. 26 (PBS) Nature — "The Feathered Swarm" The battle of the small quelea bird's survival on the plains of East Africa.

Jan. 28 (PBS) NOVA — "Goddess of the Earth" Explores Gaia — a controversial theory stating that the earth is a living organism.

Jan. 29 (PBS) Planet Earth — "The Blue Planet" The last great unexplored frontiers on earth — the oceans — are featured in this episode.

Feb. 1 (PBS) Wild America — "Designs for Defense" A look at the varied ways wild animals have evolved to ensure their survival.

Feb. 1 (PBS) Cats & Dogs — This new 26-part weekly series examines the causes, symptoms, treatment and prevention of a wide variety of common pet ailments. Saturdays.

Feb. 1 (PBS) Newton's Apple (R) — A fun, fast-paced weekly science series that answers viewers' questions with in-studio and on-location demonstrations. Saturdays.

Feb. 2 (PBS) Nature — "Rhino on the Run" (R) A study of the history and plight of the endangered rhinoceros.



Wolfgang Bayer

Feb. 4 (PBS) Nova — "Horsemen of China" Traces the lifestyle and ancient traditions of the famous Chinese Kazakh horsemen.

Feb. 5 (PBS) Planet Earth — "The Climate Puzzle" Scientists explore how and why the earth's climate has changed over the ages.

Feb. 5 (PBS) Survival Special — "King Penguin: Stranded Beyond the Falklands" Shows the breeding season and courtship behaviors of the king penguin colonies on the subantarctic island of South Georgia. Filmed during the Falkland War.

Feb. 6 (PBS) Educational Computing — A weekly report on the world of educational computing, targeted to educators and parents. Thursdays.

Feb. 8 (PBS) Wild America — "Cutthroat — Part 1: Yellowstone Lake" First of a three-part series exploring a vast underwater wilderness, the home of the cutthroat trout.

Feb. 9 (PBS) Nature — "Krakatoa: The Day That Shook the World" (R) An examination of the reasons for the violent eruption of Krakatoa 100 years ago.

Feb. 11 (PBS) Nova — "Growing Pains" Traces the complex emotional development of infants.



J. Howard, Photo Researchers

Feb. 12 (PBS) National Geographic Special — "Creatures of the Mangrove" The tiny coastal island of Siarau provides a home to an amazing variety of creatures.

Feb. 12 (PBS) Planet Earth — "Tales From Other Worlds" Seldom-seen pictures shot on location show the great failed star of Jupiter, the surface of Venus and the raging volcano of Io.

Feb. 16 (PBS) Nature — "Kingdom of the Ice Bear — The Frozen Ocean" First of a three-part series on the arctic ecosystems along the northern boundaries of the Soviet Union, Scandinavia, Greenland, Canada and Alaska.

Feb. 18 (PBS) Nova — "The Case of the Frozen Addict" A paralyzed drug addict exhibits the symptoms of Parkinson's disease, leading to a medical breakthrough.

Feb. 19 (PBS) Planet Earth — "Gifts from the Earth" Features potential mineral resources scientists are exploring beneath the sea and in outer space.

Feb. 23 (PBS) Nature — "Kingdom of the Ice Bear — The Land Beyond" Concentrates on the land-based animals inhabiting the Arctic.

Feb. 25 (PBS) Nova — "The Woburn File" An examination of the Woburn, Mass., study of toxic waste disposal as a model for future community-involved investigations.

Feb. 26 (PBS) Planet Earth — "The Solar Sea" A look at how and why the sun affects the earth.

Books

Books is an editorial service for readers' information. To order any book listed or any U.S. book in print please remit retail price, plus \$1.00 handling charge for each book, to **Book Order Service**, Science News, 1719 N Street, N.W., Washington, D.C. 20036. All books sent postpaid. Domestic orders only.

Beyond the Helix: DNA and the Quest for Longevity — Carol Kahn. The story of the scientists who are attempting to unlock the secrets of why we age and whether the aging process can be retarded and life extended. Times Bks, 1985, 285 p., \$17.95.

Mind from Matter? An Essay on Evolutionary Epistemology — Max Delbrück; edited by Gunther S. Stent et al. Delbrück epitomized the lectures from which this book is taken as an "investigation into human cognitive capabilities, as expressed in various sciences." The sciences within Delbrück's purview ranged from cosmology through evolutionary biology, neurobiology, anthropology, psychology, mathematics and physics all the way to linguistics, according to the introduction, and his motivation for presenting the lectures was to summarize his lifelong exploration of the implications of Niels Bohr's philosophy for the possible sources of human knowledge. Blackwell Pubns, 1986, 290 p., illus., \$29.95, paper, \$14.95.

Sightseeing: A Space Panorama — Peter Riva, foreword by Arthur C. Clarke. The 84 magnificent photographs in this book were taken by the astronauts and are from the NASA archives. These photographs, which make up the "Sightseeing" exhibition that appeared at the National Air and Space Museum in Washington, D.C., and is now touring the United States, were selected by Barbara Hitchcock to convey the thrill and joy of space travel and to help earth-bound humans grasp the reality of space. Knopf, 1985, 105 p., color illus., \$24.95.

Tips for the Lazy Gardener — Linda Tilgner. Shows how to produce better vegetables with less work and more pleasure. The secret, says the author, is good organization. Includes information also on general landscaping and flower gardening intended to save the gardener time. Storey Comm. Inc., 1985, 124 p., illus., paper, \$4.95.

Troubled Water — Jonathan King with Matt Rothman. There are many potential sources of contamination of drinking water ranging from hazardous waste landfills to gasoline storage tanks at the neighborhood service station. The author explains what contaminants have been found in rivers, lakes and groundwater and offers suggestions to help readers avoid health hazards at the faucet and in the community. Gives accounts of how citizens around the country are working to prevent further damage to the water supply. Rodale Pr, 1985, 235 p., paper, \$8.95.

Vaccine Supply and Innovation — Institute of Medicine. Examines vaccine research and development, production and supply, and utilization. Offers recommendations aimed at ensuring vaccine supply and promoting innovation in all these areas. Provides information on the adverse reactions associated with vaccines used in the United States and contains an analysis of the law regarding vaccine-related injury and compensation for vaccine injury. Natl Acad Pr, 1985, 210 p., paper, \$21.