

Science on the Air

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

Feb. 3 (CNN) Future Watch Explores global threats – environmental, ecological and technological – and the search for solutions. Saturdays.

Feb. 3 (CNN) Healthweek/Science and Technology Week Cover the latest medical, health, science and technology news. Saturdays.

Feb. 3 (PBS) Wild America – “Cottontails and Kin” Examines the rabbit family and its surprising assets in the fight for survival.

Feb. 4 (PBS) Nature – “King Solomon’s Mountains” Travels to Ethiopia’s Bale Mountains to examine the reserves of forest and water that might one day help renew the country’s devastated landscape.

Feb. 4 (CNN) On the Menu Presents the latest developments in clinical nutrition and dietary research. Sundays.

Feb. 4 (PBS) The Rotten Truth: A “3-2-1 Contact” Extra Documents the U.S. garbage crisis, explaining how much there is, where it goes and what it does to the environment.

Feb. 5 (PBS) The Miracle Planet – “Patterns in the Air” Examines the gases and suspended particles that make up the atmosphere and reveals the devastating effects modern deforestation practices may have on global climate.

Feb. 6 (PBS) Nova – “Disguises of War” Traces the history of wartime disguise and deception from simple camouflage through the radar-evading technology of the Stealth bomber.

Feb. 8 (PBS) Discover: The World of Science Looks at remarkable new technologies that allow deaf and blind people to communicate with the hearing and seeing world.

Feb. 10 (PBS) Wild America – “Birds of Peace” Examines the habits of pigeons and doves – their displays, family life and migration – and the history of human predation on these gentle birds.

Feb. 11 (PBS) Nature – “Hunters of the Sky” Follows the lives of European birds of prey, showing how human encroachment affects the birds and their habitats.

Feb. 12 (PBS) Black Stars in Orbit Profiles black astronauts whose perseverance and courage have contributed to the U.S. space program.

Feb. 12 (PBS) The Miracle Planet – “Rid- dles of Sand and Ice” Focuses on the dramatic climate changes the Earth has undergone throughout its history.

Feb. 13 (PBS) Nova – “The Bomb’s Lethal Legacy” Reports on an expensive and alarming nuclear waste problem at the Hanford Nuclear Reservation in eastern Washington state.

Feb. 17 (PBS) Wild America – “Birds of Prey” Examines the hunting skills of falcons, hawks and eagles.

Feb. 18 (PBS) Nature – “A Wolf in the Fold” Examines the distinctive qualities that enable dogs to tend, drive and guard sheep.

Feb. 18 (PBS) One Second Before Sunrise: A Search for Solutions Presents stories of innovative individuals who have improved their communities’ economies and environments.

Feb. 19 (PBS) The Miracle Planet – “The Home Planet” Reviews humans’ impact on the Earth and the ramifications for the future of the planet and its ability to support life.

Feb. 20 (PBS) Nova – “Buried in Ice” (R) Investigates evidence from the frozen remains of members of the Franklin Expedition to the Canadian Arctic and asks why 128 men died in that 19th-century quest.

Feb. 24 (PBS) Wild America – “Weasels: Sleek and Savage – Part 1” Profiles an intriguing carnivore whose movements are almost too fast to follow. First of two parts.

Feb. 25 (PBS) Nature – “Kariba: The Lake That Made a Dent” (R) Explores the human-made Lake Kariba in South Africa and the reasons why wildlife thrives around it.

Feb. 27 (PBS) Nova – “The Big Spill” Investigates the devastating *Exxon Valdez* oil spill in Alaska’s Prince William Sound, concentrating on how technology failed to prevent, contain and clean up the disaster.

Feb. 27 (PBS) Space Worker Focuses on longtime civilian space workers and how they have been affected by the decline of the United States’ leadership role in space.

Feb. 28 (PBS) The Infinite Journey – “The Future of the Past” Documents the assaults of time, weather and pollution on some of the world’s great works of art, including the Parthenon and the Statue of Liberty.

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 \$2.00 postage and handling charge for each book, to **SCIENCE NEWS BOOKS**, 1719 N Street, NW, Washington, DC 20036. All books sent postpaid. Domestic orders only. Please allow 4-6 weeks for delivery.

The Book of Waves – Drew Kampion. A spectacular gallery of more than 100 color photographs of waves, accompanied by text and diagrams describing the “life cycle” of waves. Each large-format color plate is complemented by an appropriate literary excerpt. Arpel, 1989, 180 p., hardcover, \$39.95.

The Day That Lightning Chased the Housewife and Other Mysteries of Science – Julia Leigh and David Savold, Eds. The account of a rare incident of ball lightning is one of more than 50 essays exploring mysteries in plants, animals, the mind, mathematics, physics, biology, health, earth sciences and other areas. Originally published in hardcover in 1988 by Madison Books. Har-Row, 227 p., illus., paperback, \$7.95.

The Fifth Essence: The Search for Dark Matter – Lawrence M. Krauss. This science writer provides a well-written, slightly technical overview of the astronomical and astrophysical developments leading to the current belief that dark matter could make up a large part of the universe. Krauss traces scientific conceptions of this universal “glue” from the days when astrophysicists viewed dark matter as dwarf galaxies to the present time, when multiple theories propose a host of other possibilities. Basic, 1989, 342 p., illus., hardcover, \$21.95.

Gene Dreams: Wall Street, Academia and the Rise of Biotechnology – Robert Teitelman. This business writer asserts that the biotechnology “revolution” has ended up in financial ruin through its failure to launch the once-promised mass-market therapeutics and to decipher the secrets of malignant tumors. To demonstrate his point, he follows a pioneering biotechnology company through confrontations with the scientific community and the financial world to an eventual buyout by a large corporation. Puts monoclonal antibodies, oncogenes and Wall Street in perspective for the lay reader. Basic, 1989, 237 p., hardcover, \$19.95.

Robotics in Service – Joseph F. Engelberger. A book for the lay reader on robots that shear sheep, clean floors, help the handicapped and patrol radioactive areas. The author’s premise is that although the predicted “robot revolution” in manufacturing may never happen, robot technology is flourishing in the service industries. MIT Pr, 1989, 248 p., black & white/color illus., hardcover, \$35.00.

Winter: An Ecological Handbook – James C. Halfpenny and Roy Douglas Ozanne. With this book, naturalists and others intrigued by winter weather can explore the elements from indoors. Learn how animals, plants and people use biochemical and behavioral mechanisms to cope with the stresses of frigid temperatures; what causes avalanches, frostbite and other cold-weather hazards; and how to avoid such dangers. Johnson Bks, 1989, 273 p., illus., paperback, \$16.95.