

Science on the Air

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

July 2 (PBS) Bodywatch – “Skin Deep”(R) Explores how the skin works, what skin treatments do and how consumers can judge the effectiveness of skin care products.

July 2 (PBS) Innovation – “That Hellish Poison: Chemical Warfare”(R) Explores past and present applications of chemical weapons and focuses on the recent INF treaty to learn whether chemicals bear new military significance.

July 2 (PBS) Wild America – “The Man Who Loved Bears”(R) Concludes Marty Stouffer's dream of providing a mate for Colorado's last male grizzly bear.

July 3 (PBS) National Audubon Society Specials – “On the Edge of Extinction”(R) Chronicles efforts to reestablish the Florida panther and other endangered cats by setting up gene banks.

July 5 (PBS) Nova – “Spy Machines”(R) Examines the secret world of espionage, pointing out the pivotal role spy planes and satellites have played in providing information about our political adversaries.

July 7 (PBS) Science Journal This new series provides timely news in science, medicine and technology. Thursdays.

July 9 (PBS) Bodywatch – “Babies Have Feelings, Too”(R) Examines the latest research in infant psychiatry and offers advice on how to tell whether your own child is on the right track.

July 9 (PBS) Innovation – “A Sporting Chance”(R) Travels to sports technology centers, interviews researchers working to advance sports science and talks to the athletes who are enjoying the benefits.

July 9 (PBS) Wild America – “Backyard Wildlife”(R) Looks at the variety of animals adapting to a world they increasingly share with humans.

July 10 (PBS) National Audubon Society Specials – “Wood Stork, Barometer of the Everglades”(R) Journeys to Florida's Everglades to observe the wood stork, an “indicator species” that reflects the health of its environment.

July 12 (PBS) Nova – “Death of a Star”(R) Tracks the recent discovery of an exploding star in a nearby galaxy.

July 16 (PBS) Bodywatch – “Back on Track”(R) Presents ways of analyzing types of back pain and discusses some of the more effective treatments.

July 16 (PBS) Innovation – “Getting There From Here”(R) Looks at the transportation problems of two major cities, New York and Tokyo. Shows how researchers use computer modeling to predict the impact advanced technology will have on transportation.

July 16 (PBS) Wild America – “All-American Animals”(R) Looks at North America's striking and varied panorama of wild creatures found nowhere else on earth.

July 17 (PBS) National Audubon Society Specials – “Whales”(R) Highlights a study of the right whale, including the first underwater footage of these creatures breeding.

July 19 (PBS) Nova – “Buried in Ice”(R) Investigates the long-buried remains of members of the 19th-century Franklin expedition to ask why all members were lost.

July 23 (PBS) Innovation – “Diet: The Cancer Connection”(R) Examines information linking nutrition to cancer and presents the views of some science and health experts who argue that the data making the link are inconclusive and ill-founded.

July 23 (PBS) Wild America – “Feathered Jewels”(R) Hummingbirds are seen as never before in an extreme slow-motion sequence.

July 24 (PBS) National Audubon Society Specials – “Messages From the Birds”(R) Shows how annual bird surveys provide accurate and scientifically valid data that show the progress or depletion of certain species.

July 26 (PBS) Nova – “Top Gun and Beyond”(R) Looks at high-speed fighter planes and how technology has changed the nature of flying.

July 30 (PBS) Innovation – “The Artist as Scientist—Part I”(R) A look at artists who use science and technology to create art that moves.

July 30 (PBS) Wild America – “Ringtailed Rascals”(R) Looks at the raccoon, ringtail and coatimundi.

July 31 (PBS) National Audubon Society Specials – “Galápagos: My Fragile World”(R) Resident photographer Tui De Roy offers insights into the fascinating animal life of the Galápagos and the fight to preserve threatened species.

July 31 (PBS) Who Lives, Who Dies?(R) Examines how the exorbitant cost of medical technology is preventing many Americans from receiving necessary — often lifesaving — medical attention.

Books

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Archeological Surveys of Chaco Canyon, New Mexico — Alden C. Hayes et al. This book, the first substantive archeological report of Chaco Canyon, was originally published in 1981 by the National Park Service. Presents data on and analysis of the chronology of cultures in Chaco Canyon from prepottery times to the modern Navajo. U of NM Pr, 1988, 154 p., illus., paper, \$14.95.

Elephant Memories: Thirteen Years in the Life of an Elephant Family — Cynthia Moss. The author has been studying the elephant population in Kenya's Amboseli National Park since 1972. The book concentrates on the lives of one extended family of elephants. Relates how they survived or succumbed to droughts, poachers, Masai warriors, disease, injuries and tourists. Tells of the elephants' families, companions, mates and offspring through good and bad times. Each chapter covers a year or more and discusses some aspect of elephant life, such as mating, birth and social organization. Morrow, 1988, 336 p., color/b&w illus., \$22.95.

Fishes of the Pacific Coast — Gar Goodson. Provides color drawings and information on all the common fishes and many of the rare fishes of the coastal waters of the Eastern Pacific from Alaska to Peru, including the Gulf of California and the Galápagos Islands. Describes behavior, breeding patterns, color variations, survival techniques and other distinguishing characteristics for each of the fish families. Stanford U Pr, 1988, 267 p., color illus. by Phillip J. Weisgerber, paper, \$7.95.

The International Biotechnology Handbook — Ron Hack et al. Describes the historical developments and the scientific progress being made in biotechnology. The main focus, however, is on practical economic issues, such as products on the market, major companies, the biotechnology industry in the United States, Japan and western Europe, patenting of biotechnology products and governments' regulation of biotechnology. Facts on File, 1988, 244 p., \$65.

The Oral Report: The Consumer's Commonsense Guide to Better Dental Care — Jerry F. Taintor with Mary Jane Taintor. Written by a practicing dentist, this book provides for the general reader information on how to choose a dentist, proper home dental care techniques, regular dental checkups, root canal therapy, wisdom teeth, oral surgery and periodontitis. Discusses orthodontics, how to know if a child needs braces, pediatric dentistry, crowns, bridges, dentures and other issues important to the dental consumer. Facts on File, 1988, 194 p., \$18.95.

The View From Space: American Astronaut Photography 1962-1972 — Ron Schick and Julia Van Haaften. A book of magnificent color photographs together with commentaries written by the 16 astronauts who took the photographs. Includes a brief history of the space program during this period and short biographies of the 16 astronauts. Crown, 1988, 128 p., color illus., \$30.