

## Science on the Air

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

**April 1 (PBS) Nature** — “**Presque Isle: Land in Motion**” Looks at the latest attempt to halt beach erosion on Presque Isle, a peninsula in Lake Erie, and examines whether that effort will help or hurt the environment.

**April 1 (PBS) Newton’s Apple (R)** Explores the physics, biomechanics and teamwork that go into the sport of horse jumping, and reveals how a Slinky can help illustrate weightlessness.

**April 2 (PBS) Atlantic Realm** — “**Ocean of Light**” (R) Shows how the unification of ocean currents links the sea and the atmosphere in a global weather machine that affects the feeding, breeding and migrating behavior of life forms within it.

**April 2 (PBS) 3-2-1 Contact** — “**Japan: Precious Oysters, Rare Salamanders**” Investigates the making of cultured pearls and the search for the rare Japanese salamander.

**April 3 (PBS) 3-2-1 Contact** — “**Japan: Landslide!**” Examines landslide damage in Japan and what to do about it.

**April 5 (PBS) 3-2-1 Contact** — “**Japan: Earthquake!**” Investigates Japanese efforts to prepare for earthquakes, including the design of “quake-proof” buildings.

**April 7 (PBS) Wild America** — “**Swamp Bear, Part I**” (R) Tracks the South’s largest animal, the honey-loving black bear.



Tennessee State Library

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

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

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

**April 8 (PBS) Nature** — “**Yellowstone on Fire**” Traces the events that led to the 1988 Yellowstone fire and displays dramatic footage of the blaze. Examines how this fire, like many before it, played an important role in Yellowstone’s ecosystem and why the wild inhabitants of the park displayed surprising indifference to the flames that charred their world.

**April 9 (PBS) Atlantic Realm** — “**Into the Abyss**” Observes deep-sea creatures and seafloor terrain using remotely operated cameras, submersibles and diving bells.

**April 10 (PBS) Nova** — “**What Is Music?**” (R) Explores the science of musical sound, from what makes a classic violin to how the human brain perceives music.

**April 11 (PBS) The Infinite Voyage** — “**The Living Clock**” Examines recent findings about the inexorable ticking of the biological clock — the daily and seasonal fluctuations in our bodies — and shows how those findings may provide new approaches to the diagnosis and treatment of illness.

**April 14 (PBS) Wild America** — “**Swamp Bear, Part II**” (R) Encounters both friendly and deadly creatures in the search for the bears’ feeding ground.

**April 16 (PBS) Profit the Earth** Presents case studies of creative, practical and economical solutions to environmental problems.



**April 17 (PBS) Nova** — “**Decoding the Book of Life**” (R) As biologists gear up to decode the 3-billion-letter genetic message that describes how individual humans are made, some ethicists warn that it may not be such a good idea.

**April 21 (PBS) Wild America** — “**Beautiful Blues**” (R) Looks at the color blue in the plant and animal kingdoms, from bluebells to bluebirds to blue whales, and explains some of the reasons why it exists in nature.

## 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 Ants** — Bert Hölldobler and Edward O. Wilson. This landmark book distills a lifetime of research by two leading myrmecologists, or experts on ants. Illustrates and provides detailed taxonomic keys to each of the 292 genera of ants. Describes the natural history, anatomy, physiology, social organization and ecology of these highly social creatures. More than 1,000 line drawings, photographs and paintings help make this book useful as an introduction to the subject or as an encyclopedic reference for entomologists, ecologists and sociologists. Harvard U Pr, 1990, 732 p., color/b&w illus., hardcover, \$65.00.

**Cosmic Coincidences: Dark Matter, Mankind and Anthropic Cosmology** — John Gribbin and Martin Rees. Explores the relationship of humans with the rest of the universe. A science writer and an astronomer investigate the many “coincidences” that allowed humans to establish themselves on Earth, presenting for the general reader the current theories and advances in the understanding of such physical phenomena as dark matter, black holes, brown dwarfs and quark nuggets. Originally published in hardcover in 1989. Bantam, 1990, 302 p., illus., paperback, \$9.95.

**The Earliest Relationship: Parents, Infants and the Drama of Early Attachment** — T. Berry Brazelton and Bertrand G. Cramer. Examines why people want to become parents, how feelings develop between mother and child during gestation and how these feelings are affected by birth and development. The authors, a pediatrician and a psychotherapist, use case studies to illustrate various types of attachments. A book for professional caregivers, but useful and interesting for parents as well. Addison-Wesley, 1990, 252 p., hardcover, \$19.95.

**The Privilege of Being a Physicist** — Victor F. Weisskopf. A collection of essays for the general reader revealing this noted physicist’s principal interests: natural science, mainly physics; the expression of human creativity, especially in technology, philosophy and art; the crisis in education; the impact of modern lifestyles on the environment; and the nuclear arms race. Originally published in hardcover in 1988. W H Freeman, 1989, 235 p., illus., paperback, \$12.95.

**State of the World 1990** — Lester R. Brown et al. Chapters in this year’s report address rising sea levels, water scarcities, food shortages and the role of the bicycle in transportation systems. The concluding chapter offers a blueprint for a sustainable society — one that is efficient in all senses, powered by renewable energy sources, relying on less-damaging agricultural practices and using recycled materials for many purposes. Norton, 1990, 253 p., charts & graphs, paperback, \$9.95.