

Science on the Air

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

March 3 (CNN) Future Watch Explores global threats to the planet — environmental, ecological and technological — and the search for solutions. Saturdays.

March 3 (CNN) Healthweek Provides comprehensive coverage of medical and health issues. Saturdays.

March 3 (CNN) Science and Technology Week Covers the latest news in science and technology. Saturdays.

March 3 (PBS) Wild America — “Weasels: Sleek & Savage—Part 2” Profiles members of the weasel family — from the playful sea otter to the endangered black-footed ferret.



March 6 (PBS) Newton's Apple (R) Shows some extraordinary effects involving liquid nitrogen that occur when a material freezes or boils. Showcases studies being done to learn more about Commerson's dolphins.

March 7 (PBS) National Geographic Special — “Journey to the Forgotten River” Takes viewers to a place where wild animals play out the dramas of the African plain as predator and prey.

March 10 (PBS) Nature — “The Colorado” Traces the Colorado River from the Rockies to Mexico's Sea of Cortez while surveying the spectacular diversity of life, from the bald eagle to the puma.

March 10 (PBS) Wild America — “Olympic Odyssey” Showcases the lush beauty of Washington's Olympic National Park, looking at a variety of wildlife including the Roosevelt elk, black-tailed deer and mountain beaver.

March 11 (PBS) Nature — “The Emerald Isle” Relates the human and natural history of the Irish countryside through lush footage and music by the Chieftains.

March 13 (PBS) Nova — “Rise of the Dragon: The Genius That Was China” Traces Chinese civilization from the 13th century to the present, and shows how politics, culture and economy have affected its advancement.

March 17 (PBS) Wild America — “Badlands” Explores the formations of South Dakota's Badlands National Park and the habitat it provides for a variety of mammals.

March 18 (PBS) Newton's Apple (R) Shows how electronic instruments have progressed since the early 1960s and explores the process of turning tree sap into maple syrup.

March 18 (PBS) Nature — “Giant Otters” Profiles the South American otter — the rarest, loudest and largest of its kind — and the animal's potential extinction due to the fur trade.

March 20 (PBS) Nova — “Empires in Collision: The Genius That Was China” Examines the extraordinary transformation that propelled Europe into the rest of the world during the 15th to 18th centuries, while China remained isolated.

March 24 (PBS) Wild America — “Shenandoah Springtime” Showcases one of America's national parks at the height of season's change.

March 25 (PBS) Nature — “Haida Gwai: Islands of the People” Looks at the Pacific Northwest island of Haida Gwai by way of its people's culture and folklore.

March 25 (PBS) Newton's Apple (R) Demonstrates the invisible forces of magnetism, investigates forest fires and profiles a Siberian lynx.

March 27 (PBS) Newton's Apple — “The Threat from Japan: The Genius That Was China” (R) Explores East-West conflict over trade and power in the 19th century and Japan's successful Westernization over China in later years.

March 28 (PBS) Smithsonian World — “Tales of the Human Dawn” Examines humankind's ever-unfolding story of evolution through art and literature as well as anthropology.

March 31 (PBS) Wild America — “Attracting Wildlife” Outlines easy steps to provide food and shelter for a variety of birds and mammals.



Books

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The Amateur Naturalist — Gerald Durrell. A beautifully illustrated beginning guide covering the practical details of equipment, observation and experimental techniques, and preservation methods. Photographs show the living things that can be found with readily available tools (eyes, hand lens) in 17 environments including the beach, meadow, mountaintop and backyard. Originally published in hardcover in 1983. Knopf, 1989, 320 p., color illus., paperback, \$18.95.

Ideas and Information: Managing in a Hi-Tech World — Arno Penzias. An upbeat and readable account of computers and people — how each depends on the other — for the general reader and technical expert alike. The author, a Nobel laureate, uses striking examples and personal anecdotes to chronicle the computer's origins, working applications, limitations, artificial intelligence, management and “supercapabilities” of the future. While extolling the virtues of the machine, he stresses that “the world's most powerful information tool will continue to be the human mind.” Originally published in hardcover by Norton in 1989. S&S, 1990, 224 p., paperback, \$8.95.

Man on Earth — John Reader. Examines 12 present-day cultures to show how their systems of adaptation and regulation — birthright, marriage, inheritance, belief, education, government — have enabled them to maintain their existence in a variety of harsh environments. The 146 stunning color plates enhance the descriptions of such diverse cultures as the Alpine pastoralists of Switzerland, the rice growers of Bali, the hunter-gatherers of Labrador and the city dwellers of Cleveland. Originally published in hardcover in 1988 by U of Tex Pr. Har-Row, 1989, 255 p., paperback, \$14.95.

Sleuthing Fossils: The Art of Investigating Past Life — Alan M. Cavanaugh. Offers budding paleontologists and admirers of the scientific process an introduction to the art and science of paleontology. Describes field techniques, characteristics of a good paleontologist, the value of fossils to history and culture, recent paleontological discoveries and scientists' hopes for future finds, as well as how to collect, prepare and identify fossils on your own. Wiley, 1989, 203 p., illus., paperback, \$12.95.

Understanding Chimpanzees — Paul G. Heltne and Linda A. Marquardt, Eds., foreword by Jane Goodall. Thirty-three contributors from around the world examine aspects of chimpanzees and bonobos, including free-ranging and captive behavior, endangered status, language acquisition, and “cultural” differences between populations in different regions. Includes a Japanese group's findings from Africa that have remained largely unreported in the West. Harvard U Pr, 1989, 407 p., color/b&w illus., hardcover, \$40.00.