

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 and dates. (R) indicates a repeat broadcast.

Jan. 3,10,17,24 (PBS) Newton's Apple — Host Ira Flatow answers science questions from both television viewers and the studio audience on this weekly show.

Jan. 4 (PBS) Nature — "Kingdom of the Ice Bear — The Land Beyond" (R) Focuses on the land-based animals that inhabit the Arctic.

Jan. 6 (PBS) Nova — "China's Only Child" (R) Explores the one-child policy of the People's Republic of China, where large families had been a tradition.

Jan. 7 (PBS) Discover — Travels to Nova Scotia, where a new fossil find provides evidence that might link the mass extinction of dinosaurs to asteroids colliding with earth.

Jan. 8 (PBS) Wild America — "Pennsylvania Whitetail" Traces the history of game management in the United States, focusing specifically on the white-tailed deer.

Jan. 10 (PBS) Bodywatch — "Mastering Pain" Summarizes the latest research on the causes and treatment of acute and chronic pain.

Jan. 11 (PBS) Nature — "Kingdom of the Ice Bear — The Final Challenge" (R) Examines the relationship between humans and the Arctic environment.

Jan. 13 (PBS) Nova — "How Babies Get Made" Documents the experiments that led to the discovery of a tiny sea of molecules, which may explain how a complete organism develops from a single cell.

Jan. 14 (PBS) National Geographic Special — "The Lions of Africa" Follows a pride of 40 lions during a "typical" night in the African jungle.

Jan. 15 (PBS) Wild America — "Woodies and the Hoodies" Focuses on two of the world's most beautiful ducks, the wood duck and the hooded merganser.

Jan. 17 (PBS) Bodywatch — "Secrets of Longevity" Examines fact and fiction concerning aging and degenerative diseases.

Jan. 18 (PBS) Nature — "Elephants" Studies the conflict of interest between Africans and elephants in a land where increasing amounts of elephant territory must be committed to cultivation.

Jan. 19 (PBS) Planet Earth — "The Living Planet" (R) Explores the theory of plate tectonics — one of the most important scientific developments of this century.

Jan. 20 (PBS) Nova — "Countdown to the Invisible Universe" Scans the skies through the infrared-sensitive eyes of the Infrared Astronomical Satellite, which has been exposing never-before-seen cosmic objects for the past year.

Jan. 22 (PBS) Wild America — "King of Snakes" Covers the combat, mating, egg-hatching and feeding behavior of the king snake.

Jan. 27 (PBS) Frontline — "The Real Stuff" Looks at NASA's shuttle program through the eyes of those who "ride the stack" — the astronauts.

Jan. 27 (PBS) Nova — "Children of Eve" Recent genetic studies prompt several controversial questions about the origins of *Homo sapiens*.

Jan. 29 (PBS) Wild America — "Family Feud" Explores sibling rivalry in the animal kingdom — conflicts that can be fatal.

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 **Science News Books**, 1719 N Street, NW, Washington, DC 20036. All books sent postpaid. Domestic orders only.

Bioburst: The Impact of Modern Biology on the Affairs of Man — Richard Noel Re. Discusses the advances that have been made in modern biology in recent years. Describes the changes in medicine, agriculture and technology that have resulted from this new knowledge in molecular biology. Re feels that the technological advances and the new knowledge are "producing a deeper appreciation of the world in which we live." La State U Pr, 1986, 254 p., illus., \$19.95.

Challenges and Opportunities: From Now to 2001 — Howard F. Didsbury Jr., Ed. In this collection of papers, futurists analyze what they feel are the most pressing problems facing the world between now and the next century. Potential solutions are identified. Areas considered include crisis management and conflict resolution, global security, roots of conflict, economics and education. World Future, 1986, 310 p., paper, \$14.95.

The Child in Crisis — Patricia Doyle and David Behrens. By presenting case histories, the authors examine many crises of childhood and adolescence, such as anorexia, depression, drug abuse, attempted suicide, school failure and leaving home. Included are suggestions for parents as to how each crisis might have been handled or avoided altogether. McGraw, 1986, 201 p., \$17.95.

On Becoming a Biologist — John Janovy Jr. A very readable book about the biological profession. Discusses its relationship to nature, the actual practice and tools of biology and the education the author feels is necessary to be a biologist. Originally published in hardback in 1985. Har-Row, 1986, 160 p., \$6.95.

Paper Capers: An Amazing Array of Games, Puzzles, and Tricks — Jack Botermans. Instructions for creating two- and three-dimensional objects from paper and cardboard. Many of the objects are unique and have their basis in mathematics. Holt, 1986, 119 p., illus., paper, \$9.95.

People of Chaco: A Canyon and Its Culture — Kendrick Frazier. The Indian culture of Chaco Canyon a thousand years ago was more highly developed than that of any other prehistoric Indians north of Mexico. The Chacoans built multi-story stone villages, 400 miles of roads, signal stations and irrigation systems. This book describes the results of the ten-year joint National Park Service/University of New Mexico project of research into every aspect of Chacoan culture. Tells about the people who created Chaco, of the demise of Chacoan life, of the soldiers and archaeologists who probed its secrets and of the Pueblo Indians of today who consider Chaco Canyon part of their heritage. Norton, 1986, 224 p., illus., \$19.95.

The Practical Archaeologist: How We Know What We Know About the Past — Jane McIntosh. A beautifully illustrated introduction to archaeology for the general reader. Covers the history, methods, techniques and the achievements of this science which studies the artifacts of the past. Facts on File, 1986, 192 p., color/b&w illus., \$18.95.

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