

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. (R) indicates a repeat broadcast.

Television

Nov. 1 (PBS) NOVA—"Anthropology on Trial" What people who are studied think of the anthropologists who study them.

Nov. 3 (PBS) Wild America—"Hog Wild!" Bizarre lives of peccaries and hogs.

Nov. 3, 10, 17, 24 (PBS)—**The New Tech Times**—Weekly series on the effects of computers and other technology on industry, individuals and society in general; hosted by Nicholas Johnson.

Nov. 6 (PBS) Bradshaw on the Eight Stages of Man—"Are You Still Getting a Report Card?" Educator/theologian/therapist John Bradshaw discusses developments between the ages of 7 and 13.

Nov. 6 (PBS) Nature—"On the Tracks of the Wild Otter" Tracking an otter on one of the remote Shetland Islands.

Nov. 7 (PBS) The Making of a Continent—"The Great Basin and the Lava Plains" How the American Southwest was formed from a violent history of volcanoes and earthquakes.

Nov. 8 (PBS) NOVA—"To Live Until You Die" Tracing Dr. Elizabeth Kubler-Ross's work with the dying.

Nov. 10 (PBS) Wild America—"Antlered Kingdom" The deer family, from mule deer to caribou to moose to elk.

Nov. 13 (PBS) BESM—"Don't Start the Crisis Without Me" A look at adolescence.

Nov. 14 (PBS) The Making of a Continent—"California" The development of the dramatic California terrain.

Nov. 15 (PBS) "The Four Corners: A National Sacrifice Area?" The "hidden costs" of development in mineral-rich Colorado.

Nov. 17 (PBS) Wild America—"Wild Wings" Examines the natural power of flight and airborne freedom of birds.

Nov. 20 (PBS) BESM—"They Lived Happily Ever After" When a person decides between intimacy and isolation.

Nov. 20 (PBS) Nature—"The Flight of the Condor" Journey through the diverse landscape of the Andes Mountains.

Nov. 21 (PBS) "Making of Mankind" The first in a five-part series on the origins of our species with anthropologist Richard Leakey.

Nov. 22 (PBS) NOVA—"A Normal Face: The Wonders of Plastic Surgery" Plastic surgery since early efforts on World War I battlegrounds.

Nov. 23 (PBS) Survival Specials—"Tiger, Tiger" History, life and habits of the Bengal tiger.

Nov. 24 (PBS) Wild America—"Wild Cats" A look at the cat family—including the jaguar, lynx and margay—which has reached the peak of predatory evolution.

Nov. 27 (PBS) BESM—"The Middle Age Craziest" A time of life that is full of changes and realizations.

Nov. 30 (PBS) Survival Specials—"The Amazing World of Spiders" An order of spiders is discussed in detail.

Radio

• **Focus** is a monthly, thirty-minute broadcast that features newsworthy science topics such as acid rain, diet and cancer. The show is sponsored by the American Association for the Advancement of Science and is broadcast on public radio stations. For information contact: Joan Wrather, 1776 Massachusetts Ave., NW, Washington, D.C. 20036.

• **Report on Science** is a daily, 90-second broadcast that airs on the CBS radio network and features selected subjects in science for the lay audience. For information contact: Carol L. Rogers, 1776 Massachusetts Ave., NW, Washington, D.C. 20036.

• **Science Editor** is a semi-weekly, three-minute broadcast that airs on the CBS radio network. The show is produced by the University of California and reports on topics in science, technology and research. For information contact: Valena M. Williams, Systemwide Administration, 131 University Hall, Berkeley, Calif. 94720.

• **Star Date** is a daily, two-minute vignette about astronomy. Each program is different and provides information on what to look for in the night sky, the history of astronomy, and recent astrophysical and space research developments. For information contact: Star Date, McDonald Observatory, Public Information Dept., University of Texas, 2601 University, UNI 102, Austin, Texas 78712.

For information on the following three shows produced by the American Chemical Society, contact: Don Rhamy, ACS, 1155 16th St., NW, Washington, D.C. 20036.

• **Dimensions in Science** is a weekly, 15-minute program aired on 550 radio stations nationwide. The show examines the latest developments in many scientific fields.

• **Science Chronicles** is a weekly, two and one-half minute broadcast on science issues.

• **Science Log** is a weekly, one and one-half minute program on selected science topics.

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 **Book Order Service**, Science News, 1719 N Street, N.W., Washington, D.C. 20036. All books sent postpaid. Domestic orders only.

Betrayers of the Truth—William Broad and Nicholas Wade. An analysis of what can be seen of science from the perspective of scientific fraud. "Cases of fraud," says the preface, "provide telling evidence not just about how well the checking systems of science work in practice, but also about the fundamental nature of science—about the scientific method, about the relation of fact to theory, about the motives and attitudes of scientists." Originally published in hardback in 1982. S&S, 1983, 256 p., paper, \$6.95.

Born Too Soon: Preterm Birth and Early Development—Susan Goldberg and Barbara A. DiVitto. Tells of the unique experiences and problems of preterm infants as well as some of the ways in which they are similar to their full-term counterparts. Points out areas where there is wide variation between full-term and preterm infants and some of the ways in which premature babies may be especially difficult to care for. Identifies the most frequent developmental abnormalities among preterm infants and the frequency with which these occur. W H Freeman, 1983, 201 p., illus., \$12, paper, \$6.95.

God and the New Physics—Paul Davies. "This is not a book about religion," says the author in the preface, "rather it is about the impact of the new physics on what were formerly religious issues." It is a book about science and its wider implications intended for the general reader with no previous knowledge of science. S&S, 1983, 255 p., illus., \$16.95.

The Homeowner's Handbook of Solar Water Heating Systems: How to Build or Buy Systems to Heat Your Water, Your Swimming Pool, Hot Tub or Spa—Bill Keisling. Provides complete information on how to choose a water heating system that is appropriate for a variety of homesites, climates and budgets. Explains how to design, build, install and operate different systems. Discusses finding, choosing and working with a solar contractor, and federal and state tax credits. Rodale Pr, 1983, 246 p., illus., \$16.95, paper, \$12.95.

Human Culture: A Moment in Evolution—Theodosius Dobzhansky and Ernest Boesiger, edited and completed by Bruce Wallace. Examines the logic of evolution and the status of the human species with respect to evolutionary change. Presents a unique discussion of biological and cultural evolution and the various relationships between the two. Dobzhansky and Boesiger died in 1975 before completing the manuscript for this book. Dr. Wallace, a geneticist, completed and edited the book. Columbia U Pr, 1983, 175 p., illus., by Hans Erni, \$18.95.

The Trembling Earth: Probing & Predicting Quakes—Frederic Golden. This simple science book details the destructiveness of earthquakes, tells the history of quakes over the centuries and relates what scientists have learned about earthquakes. Using this information seismologists are coming closer to the time when they will be able to foretell when, where and with what force an earthquake will strike. Scribner, 1983, 175 p., illus., \$13.95.