

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.

Aug. 1 (PBS) Smithsonian World — "Speaking Without Words" (R) Unlikely and unexpected ways that human beings and other creatures communicate.

Aug. 1 (PBS) National Geographic Specials—"Rain Forest" (R) Plant and animal life in a wet Costa Rican environment, and the threat of deforestation.

Aug. 3 (PBS) The Making of Mankind—"In the Beginning" (R) In the first of five parts, anthropologist Richard Leakey discusses evolutionary theories and reviews the transition to bipedalism.

Aug. 7 (PBS) NOVA — "Alcoholism: Life Under the Influence" (R) The medical, historical and social faces of alcoholism.

Aug. 8 (PBS) National Geographic Specials—"Flight of the Whooping Crane" (R) U.S. and Canadian scientists' joint effort to save this bird from extinction.

Aug. 10 (PBS) The Making of Mankind—"A Human Way of Life" (R) A look at the oldest footprints in the world and the hunter-gatherer way of life.

Aug. 12 (PBS) Survival Specials — "Sharks: The Perfect Predators" (R) The diversity of the shark family, whose members range from six inches to 60 feet long.

Aug. 14 (PBS) NOVA — "Eyes Over China" (R) Details of an experiment using an airplane as a research and exchange station for medical skills from around the world.

Aug. 15 (PBS) National Geographic Specials — "Return to Everest" (R) Sir Edmund Hillary's life and relationship with the Sherpa people of Nepal.

CABLE NETWORKS

Lifetime

"Arthritis Informathon: A Serious Look" — Aug. 15, 7 and 11 pm.

"Cable Health World Report" — Mon-Fri 6 am; 4:30, 8:30 pm; Mon-Sat 11:30 pm.

"Human Sexuality" — Mon-Fri noon, 10:30 pm.

"Physician's Journal Update" — Wed 8 am, Sat 10 am, Sun 9 am.

Aug. 17 (PBS) The Making of Mankind—"A New Era" (R) What our ancestors faced when they left Africa and spread into Europe and Asia; the origins of speech and the emergence of *homo sapiens*.

Aug. 19 (PBS) Survival Specials—"The Man Who Lives With Gorillas" (R) A zoologist's photographic study of the endangered mountain gorillas of Africa.

Aug. 20 (PBS) Together Alone — Marriage, parenting and coping with illness and dysfunction are explored by couples who have problems conceiving.

Aug. 21 (PBS) NOVA — "City of Coral" (R) Explore this colorful ecosystem where rocklike figures move, eat and fight.

Aug. 22 (PBS) The Making of Mankind—"Settling Down" (R) The reasons behind the transition to a settled way of life after millions of years of roaming.

Aug. 22 (PBS) National Geographic Specials—"Among the Wild Chimpanzees" (R) Dr. Jane Goodall's life with the wild chimpanzees in East Africa.

Aug. 26 (PBS) Survival Specials—"Parents of the Wild" (R) How seals, wasps, elephants and others care for their young.

Aug. 28 (PBS) NOVA — "Visions of the Deep: The Underwater World of Al Giddings" (R) A portrait of this underwater photographer at work and some of his own films of great white sharks and sunken Japanese fleets.

Aug. 29 (PBS) National Geographic Specials—"Australia's Animal Mysteries" (R) Kangaroo, wallaby, koala and other creatures indigenous to Australia.

Aug. 29 (PBS) AIDS: Profile of an Epidemic — A blend of historical, scientific and personal perspectives of this incurable disease.

Aug. 31 (PBS) The Making of Mankind—"Survival of the Species" (R) The lessons we can learn from our ancient ancestors.

Cable News Network

"News from Medicine" — Mon-Fri 6, 7, 10, 12 pm; 3, 4, 8, 12 am.

"Healthweek" — Sat 9:10 am, 2:10 pm; Sun 1:10 am, 4:10 pm.

Satellite Program Network

"The Personal Computer Show" — Thurs 7:30 pm, Sat 2 pm, Wed 1:30 pm.

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.

American Medical Association Guide to Better Sleep—Lynne Lamberg. Takes a close look at the phenomenon of sleep and the problems that may be associated with it. Presents the most recent scientific sleep research and goes on to suggest a few simple steps to insure a good night's sleep. Random, 1984, 342 p., paper, \$8.95.

The Audubon Society Handbook for Butterfly Watchers—Robert Michael Pyle, with foreword by Roger Tory Peterson. A comprehensive guide to butterfly watching with practical advice for the field and best locations for watching butterflies in the U.S. and abroad. Discusses the biology of the butterfly and its behavior. Tells how to garden to attract butterflies and how to photograph them. Scribner, 1984, 274 p., illus. by Sarah Anne Hughes, \$17.95.

Birds at a Glance: A Guide to the Eastern Land Birds from South Carolina west to the Rocky Mountains and north to the Arctic—Lou Blachly and Randolph Jenks. Organized under overall color categories, this guide helps the bird enthusiast to observe the obvious and then shows how to use that first, often fleeting glance, to lead to an identification of an unfamiliar bird. Although the drawings are in black and white, the colors for each bird are indicated. Originally published in hardback in 1963 by Knopf under the title *Naming the Birds at a Glance*. Van Nos Reinhold, 1984, 331 p., illus., paper, \$13.50.

The Cold and the Dark: The World after Nuclear War—Paul R. Ehrlich, Carl Sagan, Donald Kennedy and Walter Orr Roberts. The immediate and long-range effects of a nuclear war on the earth's atmosphere, climate and ecosystems were presented at a conference held in Washington, D.C. in the fall of 1983. The research findings suggest that the aftermath of a nuclear war could be far more devastating than anyone had previously imagined. This book is a record of that conference and includes the dialogue via satellite from Moscow with a number of distinguished Soviet scientists, who reported that they had reached conclusions similar to those of the Western scientists. (See: SN: 11/12/83, p. 314) Norton, 1984, 229 p., color/b&w illus., \$12.95.

Fossils and the History of Life—George Gaylord Simpson. An outstanding paleontologist surveys in text and illustrations the history of life over three and a half billion years. The fact of evolution or the objective nature of the fossil record is not disputed by paleontologists; however, there is healthy discussion about some details of the interpretation of those facts. The important issues are presented and Simpson offers, as well, his own somewhat controversial views. Sci Am Lib (W H Freeman), 1984, 239 p., color/b&w illus., \$27.95.