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COVER: Companion animals not only can improve the health of the mentally or physically ill, but benefit the mental and physical health of well persons, a new field of research is starting to reveal. For instance, pets help young children make the transition from loving their parents to loving other people. See p. 220. (Photo: Arehart-Treichel)

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BOOKS

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CANCER: The Misguided Cell—David M. Prescott and Abraham S. Flexer. An overview of what recent research has revealed about the causes of cancer, how it can be treated and how it might be prevented. Begins with an explanation of the behavior and activities of cells, both normal and cancerous. Explores the psychological and emotional aspects of cancer. Includes an appendix covering cancer-related services and resources for the patient. Scribner, 1982, 314 p., illus., \$17.95.

THE CLOCKS THAT TIME US: Physiology of the Circadian Timing System—Martin C. Moore-Ede, Frank M. Sulzman and Charles A. Fuller. Explains the structure and function of circadian clocks in animals and man and provides a basis for understanding the medical and public health implications of this rhythm. Written for the physician, psychologist, health specialist, biologist and the general reader who is interested in an introduction to current information in this field. Harvard U Pr, 1982, 448 p., illus., \$25.

DOCTORS ON THE NEW FRONTIER: Breaking Through the Barriers of Modern Medicine—William Hoffman and Jerry Shields. Eight portraits of persons in various medical fields whose accomplishments have provided breakthroughs in modern medicine like Patrick Steptoe, David Baltimore and Norman Shumway. Macmillan, 1981, 207 p., \$12.95.

THE DOOMSDAY BOOK OF ANIMALS: A Natural History of Vanished Species—David Day. A readable comprehensive encyclopedia that includes a description of the animal's behavior, habitat and appearance, as well as the events leading up to its demise. Wildlife illustrators have recreated the animals as they might have appeared in life in beautiful color and black and white drawings. Viking Pr, 1981, 288 p., color/b&w illus., \$40.

SCIENCE ON THE AIR

SCIENCE NEWS prints the latest written word of scientific developments 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.

- April 7 (PBS) National Geographic Society "The Thames" is a documentary that looks at the massive cleanup of this river.
- (PBS) "Creativity with Bill Moyers": April 23 "National Center for Atmospheric Research" looks at the effects of growing amounts of carbon dioxide in the air and creative solutions to the problem.
- (PBS) "NOVA": April 4 "Artists in the Lab" looks at the use of lasers and computers in creating new art forms; April 11 "Notes of a Biology Watcher: A Film with Lewis Thomas" is a profile of this leading biologist and award-winning author; April 18 "Cosmic Fire" is a report on the findings X-ray astronomy has yielded; "April 25 "Computers, Spies, and Private Lives" investigates the benefits and potential hazards that we face as advances are made in computer technology.
- (PBS) "Life on Earth: April 6 "The Compulsive Communicators" concludes this series with a focus on the influence of communications on the development of man.
- (PBS) "Natural History of a Sunbeam": April 3 "Survival Under the Sun, Part II" examines the science of photobiology, looking at attempts to imitate the energy-producing action of plants.
- (PBS) "The Cousteau Odyssey": April 13 "The Nile, Part 1" takes viewers from the headwaters of the Nile to Lake Victoria and to the point at which the White Nile and the Blue Nile meet, looking also at the role of the tsetse fly in the area's balance of nature; April 20 "The Nile, Part 2" continues the journey down the Nile to the Aswan Dam, to Cairo and to the Nile delta.