

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. 2 (PBS) Innovation — "Allergy Blues" Looks at new methods of treating allergies based on the growing knowledge of how the immune system works.

Aug. 4 (PBS) River Journeys — "The Murray with Russell Braddon" This Australian writer follows the Murray River from its source to its estuary.

Aug. 5 (PBS) Nova — "The Plane That Changed the World" (R) Celebrates the 50th anniversary of the DC-3 and highlights its contributions to history.

Aug. 6 (PBS) National Geographic Special — "Jerusalem: Within These Walls" (R) Documents the history of this ancient city and tells the story of some of its varied inhabitants and profoundly different cultures.

Aug. 7 (PBS) Living Wild — "Last Kingdom of the Elephants" (R) Visits one of the last areas where elephants and hippopotami live untouched by humankind.

Aug. 9 (PBS) Innovation — "Stroke: Frontiers of Hope" Discusses how a better understanding of the brain is helping doctors develop methods of detecting early warning signs and speeding rehabilitation.

Aug. 11 (PBS) National Audubon Society Special — "The Mysterious Black-Footed Ferret" Presents new information and film of the black-footed ferret, once thought to be extinct.

Aug. 12 (PBS) Nova — "A Magic Way of Going: The Story of Thoroughbreds" (R) Looks at the horse-racing industry and its search for the magic combination of speed, stamina and the will to win.

Aug. 12 (PBS) Trash (R) Investigates refuse, from the history of coping with waste to the increasing scarcity of disposal sites to the potential uses of garbage for energy.

Aug. 13 (PBS) The Journey Inward: Images of the Brain (R) Examines new technologies for seeing brain function and their applications for human health.

Aug. 13 (PBS) National Geographic Special — "Realm of the Alligator" (R) Two scientists brave the eerie, uncharted wilderness of the Okefenokee Swamp to unlock and share its secrets.

Aug. 14 (PBS) Living Wild — "Ribbon of Life: The Great Barrier Reef" (R) The role of Australia's Great Barrier Reef in sustaining a copious sea life.

Aug. 16 (PBS) Innovation — "Animals: How Smart Are They?" Presents university research findings that show animals may be far smarter than we think.

Aug. 19 (PBS) Nova — "Goddess of the Earth" (R) Explores the hypothesis that the earth is a living organism.

Aug. 20 (PBS) National Geographic Special — "Chesapeake Borne" (R) An intimate look at this bay and its people.

Aug. 23 (PBS) Innovation — "One Out of Eleven" A story of women who are fighting breast cancer (which will kill 39,000 women this year alone) and winning.

Aug. 25 (PBS) Survival Special — "Wild Seas, Wild Seals" (R) A close look at the common and the grey seal in the Outer Hebrides.

Aug. 27 (PBS) National Geographic Special — "Creatures of the Mangrove" (R) Journeys to the tiny island of Siarau off Borneo to look at life in this domain and how it is influenced by the ebb and flow of the daily tides.

Books

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Annual Review of Medicine: Selected Topics in the Clinical Sciences, Vol. 37 — William P. Creger, Ed. Subjects range from the spleen's role in resistance to infection to the clinical pharmacology of nicotine. Annual Reviews, 1986, 465 p., illus., \$31.

Astronomy with a Small Telescope — James Muirden. An introduction to the different celestial objects that can be observed with the naked eye, binoculars or a simple astronomical telescope. The book is designed for those with interest in, but no knowledge of, astronomy. P-H, 1986, illus., \$18.95.

Averting Catastrophe: Strategies for Regulating Risky Technologies — Joseph G. Morone and Edward J. Woodhouse. Describes risky technologies and tells how society approaches and copes with them. The analysis of case studies on the regulation of risky technologies seems to show the beginnings of a system for averting catastrophe. The authors point out the system's primary weaknesses and make recommendations for its improved effectiveness. U of Cal Pr, 1986, 215 p., \$17.95.

The Cell Builders — H. Garrett DeYoung. Through the story of a young doctor's struggle with cancer, the book provides an account of a major biological breakthrough, the development of monoclonal antibodies. Follows this medical tool from its beginnings in 1975 to today's ongoing research that offers hope of new treatments for a wide range of diseases. Looks at the biotechnology industry and its role in monoclonal antibodies. Doubleday, 1986, 227 p., \$16.95.

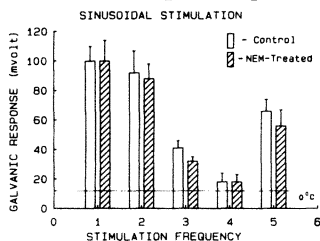
The Cosmic Inquirers: Modern Telescopes and Their Makers — Wallace Tucker and Karen Tucker. Tells of the efforts of astronomers to promote, design and build the new instruments used in modern astronomical research, such as the Very Large Array, the Einstein X-ray Observatory and the space telescope. Describes the demands that "big science" places on experimenters today and their struggles with Congress, NASA and their colleagues to obtain support and funding. Includes the past achievements and future promise for these telescopes. Harvard U Pr, 1986, 221 p., illus., \$20.

Medical Care Can Be Dangerous to Your Health: A Guide to the Risks and Benefits — Eugene D. Robin. A Stanford University professor of medicine analyzes the medical system, taking as his premise that the system rather than the individual doctor is primarily responsible for the harm that patients may suffer. Assumes that an understanding of the system and its problems will be useful to patients. Previously published by W. H. Freeman as *Matters of Life and Death*. Har-Row, 1986, 271 p., paper, \$7.95.

The Quest for SS433 — David H. Clark. A fascinating account of how the author, along with several other prominent astronomers around the world, discovered this bizarre stellar object. Goes on to tell what has been learned about this celestial phenomenon. Published in hardback in 1985 by Viking Press. Penguin, 1986, 206 p., illus., paper, \$6.95.

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