

BOOKS

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ANNUAL REVIEW OF GENETICS, Vol II — Herschel L. Roman et al, Eds. — Annual Reviews, 1977, 505 p., illus., \$17. Introductory chapter is a brief tribute to L. C. Dunn and tells of his contribution to T-locus genetics.

ASTROLOGY DISPROVED — Lawrence E. Jerome — Prometheus Books, 1977, 233 p., illus., \$14.95. A study devoted to disproving astrology. The debate of its validity has been raging since the sixth century B.C., when the Greeks adopted it from the Babylonians.

COMMUNITY PSYCHOLOGY IN TRANSITION: Proceedings of the National Conference on Training in Community Psychology — Ira Iscoe et al, Eds. — Hemisphere (Wiley), 1977, 353 p., \$22.50. The goal of the conference held in Austin, Tex., April 1975, was to examine models and approaches appropriate for doctoral training in community psychology.

CREATIVE MENTAL HEALTH SERVICES FOR THE ELDERLY — Raymond M. Glasscote et al — Am Psychiatric, 1977, 190 p., \$8.50. A report on a number of creative and innovative methods utilized by communities in the United States and Europe to provide services for the elderly.

THE EYE BOOK: A Specialist's Guide to Your Eyes and Their Care — Ben Esterman — Great Ocean, 1977, 262 p., illus., \$10.95, paper,

\$5.95. Written for the layman by an ophthalmologist, this book explains the workings of the eye, its care and its ailments.

HELPING PARENTS HELP THEIR CHILDREN — L. Eugene Arnold, Ed. — Brunner-Mazel, 1978, 420 p., \$17.50. Recognizing the profound influence that parents have on their children's development and mental health, this volume covers general principles of parent guidance, conceptual options in parent guidance, helping parents with children who have specific problems, guiding parents who have specific problems, and guidance from doctors, educators, pastors and court workers.

HOW TO FIND AND IDENTIFY THE VALUABLE METALS — George F. Muns — Dorrance, 1977, 133 p., drawings, \$6.95. Gives simple physical descriptions, preparations and uses of the minerals and ores, as well as identifying chemical tests for the metals.

THE MASTER BUILDERS: A History of Structural and Environmental Design from Ancient Egypt to the Nineteenth Century — Henry J. Cowan — Wiley, 1977, 299 p., illus., \$19.95. The first of two volumes on the history of building science. Relates the story from ancient times to the end of the Napoleonic Wars during which time the master builders erected great buildings by essentially empirical rules.

MEDICAL SCHOOL: THE INTERVIEW AND THE APPLICANT — Marguerite Rush Lerner — Barron, 1977, 160 p., paper, \$2.95. How a medical school admissions committee reacted to a sampling of applicants, thereby offering premed students an inside view of this critical process.

PSYCHOLOGY IN THE LEGAL PROCESS — Bruce Dennis Sales, Ed. — Spectrum (Halsted Pr), 1977, 291 p., \$20. Material expanded from talks originally presented at the American Psychology-Law Society meeting in Chicago, September 1975, plus several solicited papers.

RAIN DANCE TO RESEARCH — John A. Donnan and Marcia Donnan — McKay, 1977, 148 p., illus., \$7.95. Tells of people through the ages who have tried to change or forecast the weather using a wide variety of techniques: ceremonial, pseudo-scientific and scientific. Discusses in simple language what makes clouds, rain, hail, tornados and hurricanes, why they are formed and how modern science can be used to control weather.

SCIENCE AND BUILDING: Structural and Environmental Design in the Nineteenth and Twentieth Centuries — Henry J. Cowan — Wiley, 1978, 374 p., illus., \$23. The second of two volumes on the history of building science deals with the 19th and 20th centuries when science and technology transformed the traditional craft-based practice of architecture and building.

TECHNOLOGY AND SOCIAL SHOCK — Edward W. Lawless — Rutgers U Pr, 1977, 616 p., graphs & charts, paper, \$6.95. While cases of social shock over technology are not new, these case histories of recent episodes of strong public concern, the author feels, will show that such cases have become more numerous and vastly more complicated in recent years as our technologies have grown and become entwined with each other and with our culture.

THE THIN EDGE: Coast and Man in Crisis — Anne W. Simon — Har-Row, 1978, 180 p., \$10. On the seashore where terrestrial life began, we have to use, the author says, all the wits man has developed to figure out how life can continue and how to design our energy-consuming existence without destroying nature's system of life support.

WHO SHOULD PLAY GOD?: The Artificial Creation of Life and What it Means for the Future of the Human Race — Ted Howard and Jeremy Rifkin — Dell, 1977, 272 p., \$8.95, paper, \$1.95. Expresses the views of some outspoken critics of genetic engineering.

• **February 1 (PBS) NOVA** — "The Final Frontier" examines "the hottest thing in futurism today" — space colonization. With the successful testing of the space shuttle Enterprise in the summer of 1977, scientists have come to realize that space, with zero gravity and a perfect vacuum, makes building on a large scale easier. Scientists are also looking to space for an answer to the energy problem — in the form of orbiting solar power satellites.

• **February 8 (PBS) NOVA** — "The Business of Extinction" explores the huge international trade in animals, assessing its effects on vanishing wildlife, as well as the effects of underworld smuggling. Included are talks with ecologists and biologists — and with a smuggler. Also covered is the effect on habitat loss of deforestation — a very real problem since rainforests contain four out of five of the world's animal species.

• **February 15 (PBS) NOVA** — "BaMiki BaNdula: Children of the Forest" introduces the inhabitants of Zaire's Ituri forest — the Mbuti Pygmies. Made by a filmmaker who lived among the pygmies and recorded a lifestyle that has remained unchanged for thousands of years, the program also examines the Zaire government's unsuccessful attempts to relocate the Mbuti and incorporate them into national life.

SCIENCE ON TV

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. Check your local listings for exact times.



• **February 22 (PBS) NOVA** — "The Trial of Denton Cooley" takes another look at the celebrated 1972 malpractice trial. In it, Cooley was accused of malpractice after the death of a patient who had been kept alive successfully with an experimental mechanical device for three days while a heart donor was sought. The program examines a number of ethical issues, includ-

ing those of informed consent, how far a doctor should be trusted to act in the patient's best interest and the quality of guidelines for human experimentation.

• **February 16 (PBS) National Geographic Society** — "The Great Whales" looks at the largest creature ever to inhabit the earth, and echoes worldwide concern for their safety in the face of an industry that has hunted them nearly to extinction. Included is footage of Gigi, the only great whale to be captured, studied (at California's Sea World) and later released. Morgan, a pilot whale trained by the U.S. Navy for its deep sea diving operations recovery system, the first birth of a live killer whale ever photographed and a humpback whale in "full song."

• "When Havoc Struck" — A Mobil Showcase series examining disasters — both natural and those caused by humans — and the ways in which those disasters are now prevented or their effects lessened. The episodes show newsreel footage and photographs taken at the time of each event, and include interviews with survivors and eyewitnesses. Episodes are shown on Wednesdays, although the time and station will vary. Remaining episodes include February 1: "The Dust Bowl" — A dust and wind storm that brought devastation 40 years ago but is still thought of with dread today.