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**THE EEL: Biology and Management of Anguillid Eels** — F-W. Tesch, translated by Jennifer Greenwood, English ed., P.H. Greenwood, Ed. — Chapman & Hall (Halsted Pr), 1977, 434 p., illus., \$42.50. Covers the natural history of these fishes with special emphasis on ecology, reproduction, migration, physiology, fishery management, fishing techniques and fish farming.

**EXTINCTION AND SURVIVAL IN HUMAN POPULATIONS** — Charles D. Laughlin, Jr. and Ivan A. Brady, Eds. — Columbia U Pr, 1978, 327 p., \$20; paper, \$8.95. Examines how a variety of human populations adapt to changing environmental circumstances and how the manner of adaptation under stress determines whether a population will succeed or fail.

**THE GRAY KANGAROO AT HOME** — Margaret Rau — Knopf, 1978, 89 p., drawings by Eva Hülsmann, \$5.95. Documents a year in the life of a doe and her young one, the joey. Tells of the birth of a new grublike embryo, the daily activities of these kangaroos and of the animals, many of them rare and exotic, that share the habitat of the gray kangaroo.

**LIVING WITH FEAR: Understanding and Coping with Anxiety** — Isaac M. Marks — McGraw, 1978, 302 p., \$9.95. Examines the most common fears — fear of heights, crowds, airplanes, storms, night, hospitals, physical intimacy and animals. The author, a psychiatrist, indicates that many fears can be controlled and provides a step-by-step self-help therapy program. For those with more profound fears he points out what can be expected from a professional therapist and aids the reader in deciding if this help is needed.

**NATURE'S WEATHER FORECASTERS** — Helen R. Sattler — Nelson, 1978, 158 p., illus., \$6.95. Before modern meteorology people depended upon animal behavior, wind direction and cloud formation to warn them about changing weather. This book points out the clues that nature gives for approaching storms and other weather changes.

**NEFERTITI: An Archaeological Biography** — Philipp Vandenberg, translated from German by Ruth Hein — Lippincott, 1978, 161 p., color plates, b&w photographs and drawings, \$10. In this biography based on archaeological records, the author tells the story of Egypt's most famous queen and reveals a life of excitement, intrigue and tragedy.

**PARTICLES: An Introduction to Particle Physics** — Michael Chester — Macmillan, 1978, 154 p., illus., \$8.95. Our everyday world is built out of particles, such as protons, pions and quarks, things that are both particles and waves, things that might move backward and forward in time. A simply written book that tells how physicists through the years have developed their understanding of fundamental particles.

**SATELLITE COMMUNICATIONS IN THE NEXT DECADE: 14th Goddard Memorial Symposium** — Leonard Jaffe, Ed. — Univelt, 1977, 177 p., illus., \$20. This AAS publication discusses the needs for communication satellites, gives background on where we are in the communication satellite business, reviews communication satellite technology and the changing telecommunications market and examines the national and international issues associated with these satellites. Proceedings of a symposium held March 12, 1976.

AUGUST 12, 1978

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### . . . Fusion Reactors

gram.

Although DOE has decided not to continue riggatron support, Manual Lujan (Rep-N.M.) introduced an amendment on the House floor earmarking \$7 million for riggatron support; it passed unanimously. A similar bill will probably be issued in the Senate, but opposition is already mounting. Congressional sources say DOE is "lobbying aggressively" against it. At least one "outside" government agency has been asked to review the concept. Its analysis, due soon, should prove influential in any support Bussard hopes to find in the Senate.

"Mr. Kinter is the first director of the fusion program in its entire life history who has been confronted with the possibility of building a machine that might actually make fusion power. And he and his labs are terrified of it," Bussard told SCIENCE NEWS. "They seem to feel that a working riggatron would threaten their programs," he said. "But I think it would be a boost in the arm for the entire fusion community."

When all else fails, Bussard has what he thinks is another ace up his sleeve — the riggatron's "fission cousin." It's a virtually proliferation-proof reactor that uses fusion neutrons to convert nonfissile uranium-238 into fissile fuel. □

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