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**The Artificial Intelligence Debate: False Starts, Real Foundations** — Stephen R. Graubard, Ed. Eighteen experts in artificial intelligence (AI), including Daniel Dennett, Seymour Papert, Pamela McCorduck and David Sharp, explain why and how certain discoveries about the human brain have or have not been used by the AI community. Their arguments focus on the debates that have vitalized this research and whether the AI endeavor has increased our understanding of human cognition. Written for the general reader who has a basic understanding of AI. Originally published as "Artificial Intelligence" in *DAEDALUS*, Winter 1988. MIT Press, 1988, 311 p., illus., paperback, \$9.95.

**Collapse of an Industry: Nuclear Power and the Contradictions of U.S. Policy** — John L. Campbell. A story about one of the most controversial technologies — commercial nuclear power — and its collapse as an industrial enterprise in the United States. The author details the politics of nuclear energy and points out the advantages and disadvantages of various forms of industrial planning for this sector. He uses the nuclear industry as an example of how capitalism and democracy can be incompatible in some situations. Cornell U Pr, 1988, 231 p., charts, paperback, \$32.50.

**Freud and Jung: Years of Friendship, Years of Loss** — Linda Donn. The story of how two pioneers of psychoanalysis came to meet in 1907, the path of their vibrant and impassioned seven-year friendship and their bitter arguments and final parting in 1914. The author draws on interviews with Jung's colleagues and his son Franz to uncover the many personal dimensions of the friendship, and offers evidence that both men suffered mental torment after the breakup. Scribner, 1988, 238 p., illus., hardcover, \$19.95.

**The Freud/Jung Letters: The Correspondence Between Sigmund Freud and C. G. Jung** — William McGuire, Ed. The complete, corrected correspondence between Freud and Jung from 1906 to 1914. The letters are especially captivating in light of new findings that have been published about Jung and Freud's relationship. Originally published in hardcover by Princeton U Pr in 1974. Harvard, 1988, 649 p., illus., paperback, \$15.95.

**The Macmillan Illustrated Encyclopedia of Dinosaurs and Prehistoric Animals: A Visual Who's Who of Prehistoric Life** — Dougal Dixon, Barry Cox, R.J.G. Savage and Brian Gardiner. "[A] natural history of times past, featuring real creatures that lived, breathed, reproduced — then died forever," according to the foreword. More than just dinosaurs, this book includes fishes, amphibians, reptiles, birds and mammals in large-format full color accompanied by brief text written by experts in biology, geology and paleontology. Macmillan, 1988, 312 p., color illus. hardcover, \$39.95.

**McGraw-Hill Dictionary of Scientific and Technical Terms, Fourth Edition** — Sybil P. Parker, Ed. Thoroughly revised and updated by the staff of the *McGraw-Hill Encyclopedia of Science and Technology*, this edition contains 7,600 new entries, bringing the dictionary's total coverage to 100,100 terms from 102 disciplines. Thumb-indexed and generously illustrated, this reference is understandable to the general reader and a valuable reference for the specialist. Appendices include SI conversion tables, the periodic table of elements, scientific and technical organizations and elementary particles. McGraw, 1988, 2,137 p., hardcover, \$95.00.

**Sand** — Raymond Siever. A prominent geologist, whose favorite kind of rock is sandstone, shows the general reader the glory in a grain of sand. This beautifully illustrated book points out how sand reveals much about the Earth's surface and the history of our planet. The author explains where sand comes from, how it moves, what it means in the geologic record and how it turns to stone, while introducing the researchers involved in sand geology and discussing their work. W H Freeman, 1988, 237 p., color illus., hardcover, \$32.95.

**Webster's New World Dictionary of Computer Terms, Third Edition**. Prepared under the supervision of the staff of *Webster's New World Dictionary*, this updated edition targets the personal computer user. Defines and explains 4,500 terms, from the Association for Computing Machinery to MacDraw to zone bits. S&S, 1988, 412 p., paperback, \$6.95.

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