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Bay Country: Reflections on the Chesapeake — Tom Horton. Beautifully written essays about the Chesapeake Bay, its environs and its natural inhabitants by a native of the Eastern Shore. Points out the changes taking place in this environment, such as the depletion of the rockfish and the disappearance of underwater grasses, which have provided a habitat for many species and an important link in the bay's food chain. Originally published in hardcover in 1987 by Johns Hopkins. Ticknor & Fields, 1989, 210 p., paperback, \$7.95.

Farm — Grant Heilman. Contains more than 200 of this longtime agricultural photographer's spectacular color photos of the nation's varied croplands. Scenes include, among others, mid-western furrowed landscapes, chicken houses in Arkansas, irrigated peach orchards in the Arizona desert, mechanical harvesting of peanuts, fields of sunflowers in North Dakota, aquaculture in Mississippi, Florida's bright citrus groves, California's artichokes in full bloom and picturesque southern tobacco farms and smokehouses. The text reveals many interesting facts about U.S. farming. Discusses new food crops such as quinoa and kenaf and alternative methods of agriculture such as hydroponic growing. Abbeville Pr, 1988, 287 p., hardcover, \$45.00.

Life Pulse: Episodes from the Story of the Fossil Record — Niles Eldredge. Long periods of evolutionary stability interrupted occasionally by periods of relatively rapid evolutionary change form the basis of the theory called punctuated equilibria, proposed by this paleontologist and Stephen Jay Gould. Here, Eldredge presents evidence for the theory by taking the reader on a fascinating trip through geologic time beginning with the Precambrian epoch. On the journey, he concentrates on the turning points in the Earth's evolution. Originally published in hardcover in 1987. Facts on File, 1989, 246 p., illus., paperback, \$10.95.

New World, New Mind: Moving Toward Conscious Evolution — Robert Ornstein and Paul Ehrlich. Two science writers here contend that present-day burdens that seem out of control — such as terrorism, AIDS and budget deficits — are the result of the "human mental system failing to comprehend the modern world." They argue that our species is conditioned to react to sudden changes such as hostage captures, stock market crashes and a local drunken driver, and doesn't recognize the gradual signs and warnings of major change. Our delayed reactions to slow changes such as the swelling world population, out-of-date education systems, proliferation of nuclear weapons and steady environmental degradation will allow these changes to lead to huge, seemingly out-of-control problems of the future. Our fundamental connections to the past and our need to retrain our thought processes for a future full of unprecedented threats are the focus of the book. Doubleday, 1989, 302 p., hardcover, \$18.95.

Parallel Universes: The Search for Other Worlds — Fred Alan Wolf. Beginning with a definition of parallel universes as "universes that exist side by side with our own and even perhaps occupying the same space as our own," Wolf reveals that parallel universes are helping to explain some of the questions raised by modern physics and cosmology. In the six parts of the book, this science writer shows the general reader how parallel universes may help to explain quantum physics, relativity (especially black holes), cosmology, psychology, time and communication with the future. Doubleday, 1988, 351 p., hardcover, \$19.95.

Voyager — Jeana Yeager and Dick Rutan with Phil Patton. The story, told by the pilots, of the idea, research and exhausting effort that led to the 1986 flight of *Voyager* — the first plane to circumnavigate the globe nonstop without refueling. Originally published in hardcover in 1987 by Knopf. Har-Row, 1989, 337 p., illus., paperback, \$8.95.

What is Archaeology? An Essay on the Nature of Archaeological Research — Phil Courbin. An archaeologist looks at the differences in the bases, objectives and methods of the New Archeology (without the ae), which was born in the 1960s, and traditional archaeology. Courbin introduces the pioneers of New Archeology, mostly British and American, and critiques its focus (primarily prehistory), methods and conclusions. Translated from French by Paul Bahn. U of Chicago Pr, 1988, 197 p., hardcover, \$24.95.

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