will become the classic reference. It sets the stage for genome sequencing while stopping short of a possible opening soliloquy.

> GERALD P. HOLMOUIST Department of Biology, City of Hope Medical Center, Duarte, CA 91010

Books Received

Decline of the Sea Turtle. Causes and Prevention. Committee on Sea Turtle Conservation, National Research Council. National Academy Press, Washington,

DC, 1990. xvi, 259 pp., illus. Paper, \$14.95.

The Discipline of Curiosity. Science in the World. Janny Groen, Eefke Smit, and Juurd Eijsvoogel, Eds. Elsevier, New York, 1990. vi, 156 pp. Paper, \$25.

Dynamics of Dinosaurs and Other Extinct Giants.

R. McNeill Alexander. Columbia University Press, New York, 1991. viii, 167 pp., illus. Paper, \$12.95. Reprint, 1989 ed.

Ecological Economics. Energy, Environment and Society. Juan Martinez-Alier with Klaus Schlüpmann. Blackwell, Cambridge, MA, 1990. xxvi, 287 pp., illus. Paper, \$18.95. Translated from the Spanish edition (1984). Reprint, 1987 ed.

Electron Energy Loss Spectrometers. The Technological High Paccasage Harald Health Spaineau.

nology of High Performance. Harald Ibach. Springer-Verlag, New York, 1991. viii, 178 pp., illus. \$59. Springer Series in Optical Sciences, vol. 63.

Electrophysiology and Microinjection. P. Michael Conn, Ed. Academic Press, San Diego, CA, 1991. xvi, 504 pp., illus. Spiral bound, \$45. Methods in Neuroscience, vol. 4

Science, vol. 4.

Engendering Archaeology. Women and Prehistory.
Joan M. Gero and Margaret W. Conkey, Eds. Blackwell,
Cambridge, MA, 1991. xiv, 418 pp., illus. \$59.95;
paper, \$21.95. Social Archaeology. From a conference,
Georgetown, SC, April 1988.
Environmental Disputes. Community Involvement

in Conflict Resolution. James E. Crowfoot and Julia M.

in Conflict Resolution. James E. Crowfoot and Julia M. Wondolleck. Island Press, Washington, DC, 1991. xviii, 278 pp. \$34.95; paper, \$22.95.

Enzyme Engineering 10. Hirosuke Okada, Atsuo Tanaka, and Harvey W. Blanch, Eds. New York Academy of Sciences, New York, 1990. xxii, 897 pp., illus. Cloth or paper, \$225. Annals of the New York Academy of Sciences, vol. 613. From a conference, Kashikojima, Langa, Sci. 1989.

Japan, Sept. 1989.
Essays on the Theory of Scientific Cognition. Jerzy Kmita. Kluwer, Boston, and PWN, Warsaw, Poland, 1991. vi, 192 pp. \$59. Studies in Epistemology, Logic, Methodology, and Philosophy of Science, vol. 210. Translated from the Polish edition (Warsaw, 1976)

by Jacek Holowka.

Fundamentals of Adhesion. Lieng-Huang Lee, Ed.
Plenum, New York, 1991. xviii, 454 pp., illus. \$89.50.

Galileo, Bellarmine, and the Bible. Including a Translation of Foscarini's Letter on the Motion of the Earth. Richard J. Blackwell. University of Notre Dame Press,

RICHARU J. BIACKWEII. University of Notre Dame Press, Notre Dame, IN, 1991. x, 291 pp. \$29.95.

General Relativity and Gravitation 1989. Neil Ashby, David F. Bartlett, and Walter Wyss, Eds. Cambridge University Press, New York, 1991. xviii, 502 pp., illus. \$49.50. From a conference, Boulder, CO, July 1989.

Global Climate and Ecosystem Change. Gordon J. MacDonald and Luigi Sertorio, Eds. Plenum, New York, 1990. x, 252 pp., illus. \$69.50. NATO Advanced Science Institutes Series, vol. 240. Series B, Physics. From a workshop, Maratea, Italy, Sept. 1989. Large-Scale Mammalian Cell Culture Technology.

Anthony S. Lubiniecki, Ed. Dekker, New York, 1990. xviii, 624 pp., illus. \$150. Bioprocess Technology, vol.

Learning and Computation Neuroscience. Foundation of Adaptive Networks. Michael Gabriel and John Moore, Eds. MIT Press, Cambridge, MA, 1991. xvi, 613

pp., illus. \$50. A Bradford Book.

A Legacy of Change. Historic Human Impact on Vegetation in the Arizona Borderlands. Conrad Joseph Bahre. University of Arizona Press, Tucson, 1991. xviii, 231 pp., illus. \$29.95.

Life as a Geological Force. Dynamics of the Earth.

Peter Westbrock. Norton, New York, 1991. 240 pp., illus. \$21.95. Commonwealth Fund Book Program.

Life Span Perspectives of Suicide. Time-Lines in

the Suicide Process. Antoon A. Leenaars, Ed. Plenum,

the Suicide Process. Antoon A. Leenaars, Ed. Pienum, New York, 1991. xviii, 325 pp., illus. \$39.50. **Lignans.** Chemical, Biological and Clinical Properties. D. C. Ayres and J. D. Loike. Cambridge University Press, New York, 1991. xx, 402 pp., illus. \$95. Chemistry and Pharmacology of Natural Products. **Liquid Crystals.** Nature's Delicate Phase of Matter.

Peter J. Collings. Princeton University Press, Princeton, NJ, 1991. xiv, 222 pp., illus., + plates. \$39.50; paper, \$10.95. Princeton Science Library.

Liquid Metals. Concepts and Theory. N. H. March. Cambridge University Press, New York, 1991. xii, 492 pp., illus. \$100. Cambridge Monographs on Mathematical Physics.

Molécular Mechanisms in Cellular Growth and Differentiation. Anthony R. Bellvé and Henry J. Vogel, Eds. Academic Press, San Diego, CA, 1991. xxii, 365

MRI Atlas of the Spine. Kenneth R. Maravilla and Wendy A. Cohen. Raven, New York, and Dunitz, London, 1991. x, 440 pp., illus. \$140.

Myelination and Dysmyelination. I. D. Duncan, R.

N. Skoff, and D. Colman, Eds. New York Academy of Sciences, New York, 1990. xii, 461 pp., illus. Cloth or paper, \$140. Annals of the New York Academy of Sciences, vol. 605. From a conference, Arlington, VA, Nov. 1989.

National Interests in an Age of Global Technology. Thomas H. Lee and Proctor P. Reid, Eds. National Academy Press, Washington, DC, 1991. xii, 159 pp., illus. Paper, \$19.95. Series on Prospering in a Global

Natural and Artificial Parallel Computation. M. A. Arbib and J. A. Robinson, Eds. MIT Press, Cambridge, MA, 1991. xiv, 345 pp., illus. \$37.50. From a symposium, Syracuse, NY, March 1989.

The Neuropharmacology of Serotonin. Patricia M. Whitaker-Azmitia and Stephen J. Peroutka, Eds. New York Academy of Sciences, New York, 1990. xii, 718 pp., illus. \$160. Annals of the New York Academy of Sciences, vol. 600. From a conference, New York, July

The New Aspects of Time. Its Continuity and Novelties. Selected Papers in the Philosophy of Science. Milič Čapek. Kluwer, Boston, 1991. xx, 348 pp., illus. \$94. Boston Studies in the Philosophy of Science, vol.

New Directions in Understanding Dementia and **Alzheimer's Disease**. Taher Zandi and Richard J. Ham, Eds. Plenum, New York, 1990. xii, 161 pp., illus. \$59.50. Advances in Experimental Medicine and Biology, vol. 282. From a conference, Plattsburgh, NY, May 1989.

New Frontiers in Quantum Electrodynamics and Quantum Optics. A. O. Barut, Ed. Plenum, New York, 1990. x, 610-pp., illus. \$129.50. NATO Advanced Science Institutes Series, vol. 232. Series B, Physics. From an advanced study institute, Istanbul, Turkey, Aug.

Nitrogen in Terrestrial Ecosystems. Questions of

Productivity, Vegetational Changes, and Ecosystem Stability. Carl Olof Tamm. Springer-Verlag, New York, 1991. xii, 115 pp., illus. \$89. Ecological Studies, vol. 81. NMR Applications in Biopolymers. J. W. Finley, S. J. Schmidt, and A. S. Serianni, Eds. Plenum, New York, 1990. x, 515 pp., illus. \$115. Basic Life Sciences, vol. 56. From symposia, Los Angeles, CA, Sept. 1988, and Toronto, Canada, June 1988.

Nonlinear Waves in Solid State Physics. A. D. Boardman, M. Bertolotti, and T. Twardowski, Eds. Plenum, New York, 1990. viii, 500 pp., illus. \$120. NATO Advanced Science Institutes Series, vol. 247. Series B, Physics. From an advanced study institute, Sicily, Italy, July 1989.

Nonlinear Waves Processes in Excitable Media.

Arun V. Holden, Mario Markus, and Hans G. Othmer, Eds. Plenum, New York, 1991. xii, 525 pp., illus. \$120. NATO Advanced Science Institutes Series, vol. 244. Series B, Physics. From a workshop, Leeds, U.K., Sept.

1989.

Operational Research and Systems. The Systemic Nature of Operational Research. Paul Keys. Plenum, New York, 1991. xvi, 267 pp., illus. \$49.50. Contemporary Systems Thinking.

Optical Fibers and Sources for Communications. M. J. Adams and I. D. Henning. Plenum, New York, 1990. x, 182 pp., illus. \$49.50. Updates in Applied Physics and Electrical Technology.

Optoelectronics for Environmental Science. S. Martellucci and A. N. Chester, Eds. Plenum, New York, 1991. x, 293 pp., illus. \$79.50. Ettore Majorana International Science Series (Physical Sciences), vol. 54. From a course, Erice, Italy, Sept. 1989. a course, Erice, Italy, Sept. 1989.

Oscillations and Waves. In Strong Gravitational and Electromagnetic Fields. Nail R. Sibgatullin. Spring-er-Verlag, New York, 1991. xiv, 362 pp., illus. \$89. Texts and Monographs in Physics. Translated from the Russian edition (Moscow, 1984) by Nathaniel M.

Physical Foundation of Solid State and Electron Devices. Altan M. Ferendeci. McGraw-Hill, New York, 1991. xvi, 443 pp., illus. \$54.95. Electronics and Electronic Circuits.

Physics, Geometry, and Topology. H. C. Lee, Eds. Plenum, New York, 1990. x, 681 pp., illus. \$139.50. NATO Advanced Science Institutes Series, vol. 238. Series B, Physics. From an advanced study institute, Banff, Canada, Aug. 1989.

Plants for Reclamation of Wastelands. Teniarla C. S. Sastry et al., Eds. Publications and Information Direc-New Delhi, India, 1990. xii, 684 pp., illus., + plates.

Plastics. America's Packaging Dilemma. Nancy Wolf and Ellen Feldman. Island Press, Washington, DC, 1990. xii, 132 pp., illus. \$19.95; paper, \$12.95. Island Press Critical Issues Series, no. 3.

The Preservation and Valuation of Biological Resources. Gordon H. Orians et al., Eds. University of Washington Press, Seattle, 1991. x, 303 pp., illus. \$40. From a workshop, Lake Wilderness, WA, June 1985.

From a workshop, Lake Wilderness, WA, June 1985.

Radiative Corrections. Results and Perspectives. N.

Dombey and F. Boudjema, Eds. Plenum, New York,
1990. x, 578 pp., illus. \$130. NATO Advanced Science
Institutes Series, vol. 233. Series B, Physics. From a
workshop, Brighton, U.K., July 1989.

Reconstructing Babylon. Essays on Women and
Technology. H. Patricia Hynes, Ed. Indiana University
Press, Bloomington, 1991. xvi, 206 pp. \$35; paper,
\$12.50.

Research and Development in Expert Systems 7. T. R. Addis and R. M. Muir, Eds. Published for the British Computer Society by Cambridge University Press, New York, 1991. viii, 317 pp., illus. \$44.50. British Computer Society Conference Series, 2. From a conference, London, Sept. 1990.

Selective Activation of Drugs by Redox Processes. G. E. Adams et al., Eds. Plenum, New York, 1990. xii, 361 pp., illus. \$89.50. NATO Advanced Science Institutes Series, vol. 198. Series A, Life Sciences. From a workshop, Fermo, Italy, Aug. 1989.

Selective Fluorination in Organic and Bioorganic

Chemistry. John T. Welch, Ed. American Chemical Society, Washington, DC, 1991. viii, 215 pp., illus. \$57.95. ACS Symposium Series, 456. From a symposium, Boston, MA, April 1990.

Sensory Abilities of Cetaceans. Laboratory and Field Evidence. Jeanette A. Thomas and Ronald A. Kastelein, Eds. Plenum, New York, 1990. xiv, 710 pp., illus. \$127.50. NATO Advanced Science Institutes Series, vol. 196. Series A, Life Sciences. From a sympo-

ries, vol. 196. Series A, Lite Sciences. From a symposium, Rome, Aug. 1989.

A Simple Matter of Salt. An Ethnography of Nutritional Deficiency in Spain. Renate Lellep Fernandez. University of California Press, Berkeley, 1991. xiv, 252 pp., illus. \$34.95. Comparative Studies of Health Systems and Medical Care.

Siting Hazardous Waste Treatment Facilities. The Nimby Syndrome. Kent E. Portney. Auburn House, New York, 1991. xvi, 181 pp. \$37.95. Sixth Cooley's Anemia Symposium. Arthur Bank,

Ed. New York Academy of Sciences, New York, 1990. xiv, 590 pp., illus. Cloth or paper, \$150. Annals of the New York Academy of Sciences, vol. 612. From a symposium, New York, March 1990.

The Timetables of Science. A Chronology of the

Most Important People and Events in the History of Science. Alexander Hellemans and Bryan Bunch. Simon and Schuster, New York, 1991. vi, 660 pp. Paper, \$19.95. A Touchstone Book. Reprint, 1988 ed.

Trace Elements in Nutrition of Children 2. Ranjit Kumar Chandra, Ed. Raven, New York, 1991. xvi, 232 pp., illus. \$55. Nestlé Nutrition Workshop Series, vol. 23. From a workshop, Marrakech, Morocco, May 1989. Trajectories and Rays. The Path-Summation in

Quantum Mechanics and Optics. Vol. 1. A. Ranfagni et al. World Scientific, Teaneck, NJ, 1991. xii, 227 pp., illus. \$55. World Scientific Lecture Notes in Physics, vol. 36.

Transport, Correlation and Structural Defects. Hellmut Fritzsche, Ed. World Scientific, Teaneck, NJ, 1991. x, 305 pp., illus. \$67. Advances in Disordered Semiconductors,

Wildlife and Habitats in Managed Landscapes.

Jon E. Rodiek and Eric G. Bolen, Eds. Island Press,

Wildlife and Habitats in Managed Landscapes. Washington, DC, 1991. xx, 218 pp., illus. \$45; paper,