

of species. Anyone who doubts that these two traditions can be merged, or that comparative biology has a great deal to contribute to the emerging science of diversity, should read these books.

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Reprints of Books Previously Reviewed

Enrico Fermi, Physicist. Emilio Segrè. University of Chicago Press, Chicago, 1995. Paper, \$13.95 or £11.25. *Reviewed* 169, 846 (1970).

The Firecracker Boys. Dan O'Neill. St. Martin's Griffin, New York, 1995. Paper, \$14.95 or £C21. *Reviewed* 266, 663 (1994).

The Physics of Immortality. Frank J. Tipler. Anchor (Doubleday), New York, 1995. Paper, \$14.95 or £C19.95. *Reviewed* 267, 1042 (1995).

Unusual Telescopes. Peter Marly. Cambridge University Press, New York, 1995. Paper, \$19.95. *Reviewed* 257, 421 (1992).

Books Received

Antibody Engineering Protocols. Sudhir Paul, Ed. Humana, Totowa, NJ, 1995. xii, 450 pp., illus. Spiral-bound, \$69.50. Methods in Molecular Biology, 51.

The Belle Epoque of Surgery. The Life and Times of Theodor Billroth. Karel B. Absolon. Kabel, Rockville, MD, 1995. 214 pp., illus., + plates. \$49.50; paper, \$39.50.

Biochemistry. Lubert Stryer. 4th ed. Freeman, New York, 1995. xxxvi, 1064 pp., illus. \$69.95.

Bluebirds and Their Survival. Wayne H. Davis and Philippe Roca. University Press of Kentucky, Lexington, 1995. x, 154 pp., illus. Paper, \$15.95.

Changing the Rules. Psychology in the Netherlands, 1900-1985. Trudy Dehue. Cambridge University Press, New York, 1995. x, 204 pp., illus. \$49.95. Cambridge Studies in the History of Psychology. Translated from the Dutch edition (Amsterdam, 1990) by Michael O'Loughlin.

Chaos, Gaia, Eros. A Chaos Pioneer Uncovers the Three Great Streams of History. Ralph H. Abraham. HarperSanFrancisco, San Francisco, 1994. xvi, 263 pp., illus. Paper, \$16.

Chemistry of Structure-Function Relationships in Cheese. Edyth L. Malin and Michael H. Tunick, Eds. Plenum, New York, 1995. x, 397 pp., illus. \$95. Advances in Experimental Medicine and Biology, vol. 367. From a symposium, Chicago, IL, Aug. 1993.

Children of the Atomic Bomb. An American Physician's Memoir of Nagasaki, Hiroshima, and the Marshall Islands. James N. Yamazaki, with Louis B. Fleming. Duke University Press, Durham, NC, 1995. xvi, 184 pp., illus. \$16.95. Asia-Pacific: Culture, Politics, and Society.

Cycles in Humans and Nature. An Annotated Bibliography. John T. Burns. Scarecrow, Metuchen, NJ, 1994. xii, 288 pp. \$37.50. Magill Bibliographies.

The Encyclopedia of Advanced Materials. David Bloor *et al.*, Eds. Pergamon (Elsevier Science), Tarrytown, NY, 1994. 4 vols. lii, 3152 pp., illus. \$1600.

An Encyclopedia of Claims, Frauds, and Hoaxes of the Occult and Supernatural. James Randi. St. Martin's, New York, 1995. xx, 284 pp., illus. \$24.95.

Essential Substances. A Cultural History of Intoxicants in Society. Richard Rudgley. Kodansha Globe, New York, 1995. x, 197 pp., illus. Paper, \$12. Reprint, 1994 ed.

Essentials of Psychology in Action. Karen Huff-

man, Mark Vernoy, and Judith Vernoy. Wiley, New York, 1994. xxx, 522 pp., illus., + supplementary material. Paper, \$29.50.

Ethics on the Ark. Zoos, Animal Welfare, and Wildlife Conservation. Bryan G. Norton *et al.*, Eds. Smithsonian Institution Press, Washington, DC, 1995. xxviii, 330 pp., illus. \$32.50. Zoo and Aquarium Biology and Conservation. From a workshop, Atlanta, March 1992.

The Evening Star. Venus Observed. Henry S. F. Cooper, Jr. Johns Hopkins University Press, Baltimore, 1994. xiv, 300 pp., illus. Paper, \$12.95. Reprint, 1993 ed.

Global Environmental Change. Interactions of Science, Policy, and Politics in the United States. Robert G. Fleagle. Praeger, Westport, CT, 1994. xvi, 243 pp. \$59.95.

A Global Geochemical Database. For Environmental and Resource Management. A. G. Damley *et al.* UNESCO, Paris, 1995. x, 122 pp., illus. Paper. Earth Sciences, 19. Final Report of IGCP Project 259.

The Global Geospace Mission. C. T. Russell, Ed. Kluwer, Norwell, MA, 1995. viii, 877 pp., illus. \$349 or £209 or Dfl. 495. Reprinted from *Space Science Reviews*, vol. 71, nos. 1-4, 1995.

Hochschild Cohomology of von Neumann Algebras. Allan M. Sinclair and Roger R. Smith. Cambridge University Press, New York, 1995. viii, 196 pp. Paper, \$29.95. London Mathematical Society Lecture Note, 203.

Hormonal Regulation of Bone Mineral Metabolism. Daniel D. Bikle and Andres Negro-Vilar, Eds. Endocrine Society Press, Bethesda, MD, 1995. vi, 397 pp., illus. Paper, \$60; to society members, \$50. Endocrine Reviews Monographs, 4.

Hot Hadronic Matter. Theory and Experiment. Jean Letessier, Hans H. Gutbrod, and Johann Rafelski, Eds. Plenum, New York, 1995. xii, 562 pp., illus. \$145. NATO ASI Series B, vol. 346.

Intercellular Signalling in the Mammary Gland. Colin J. Wilde, Malcolm Peaker, and Christopher H. Knight, Eds. Plenum, New York, 1995. xii, 296 pp., illus. \$89.50. From a symposium, Ayr, UK, April 1994.

International Handbook of Personality and Intelligence. Donald H. Saklofske and Moshe Seidner, Eds. Plenum, New York, 1995. xxiv, 776 pp., illus. \$95. Perspectives on Individual Differences.

International Tables for Crystallography. Vol. A, Space-Group Symmetry. Theo Hahn, Ed. 4th ed. Published for the International Union of Crystallography by Kluwer, Norwell, MA, 1995. xvi, 878 pp., illus. \$180 or £120 or Dfl. 340.

Interstitial, Connective Tissue and Lymphatics. R. K. Reed *et al.*, Eds. Portland, London, 1995 (U.S. distributor, Ashgate, Brookfield, VT). xiv, 341 pp., illus. \$120 or £75. Proceedings, 9. From a congress, Glasgow, UK, 1993.

Memory's Ghost. The Strange Tale of Mr. M. and the Nature of Memory. Philip J. Hilts. Simon and Schuster, New York, 1995. 253 pp. \$22.

Microbiology and Immunology. An Illustrated Review with Questions and Explanations. David J. Hentges. 2nd ed. Little Brown, New York, 1995. xvi, 288 pp., illus. Paper, \$27.95.

Modern Practice of Gas Chromatography. Robert L. Grob. 3rd ed. Wiley, New York, 1995. xiv, 888 pp., illus. \$89.95.

Modern Synthetic Methods 1995. Beat Ernst and Christian Leumann, Eds. Verlag Helvetica Chimica Acta, Basel, Switzerland, and VCH, New York, 1995. x, 453 pp., illus. \$80.

Modified Lipoproteins in the Pathogenesis of Atherosclerosis. Sampath Parthasarathy. Landes, Georgetown, TX, 1994 (distributor, CRC Press, Boca Raton, FL). x, 131 pp., illus. \$89.95. Medical Intelligence Unit.

The Periodic Kingdom. A Journey into the Land of the Chemical Elements. P. W. Atkins. BasicBooks, New York, 1995. xii, 163 pp., illus. \$20. Science Masters.

Personal Liberty and Community Safety. Pretrial Release in the Criminal Court. John S. Goldkamp *et al.* Plenum, New York, 1995. xxiv, 342 pp., illus. \$45. Plenum Series in Crime and Justice.

Petroleum Sedimentology. Winifred Zimmerle. Kluwer, Norwell, MA, 1995. x, 413 pp., illus. \$169 or £110 or Dfl. 260.

Photonic Crystals. Molding the Flow of Light. John D. Joannopoulos, Robert D. Meade, and Joshua N.

Winn. Princeton University Press, Princeton, NJ, 1995. xii, 137 pp. \$35 or £30.

The Physiology of Fungal Nutrition. D. H. Jennings. Cambridge University Press, New York, 1995. xvi, 622 pp., illus. \$150.

Picturing Health and Illness. Images of Identity and Difference. Sander L. Gilman. Johns Hopkins University Press, Baltimore, 1995. 200 pp., illus. \$32.95. Published in UK by Reaktion Books as *Health and Illness: Images of Difference*.

Population Management for Survival and Recovery. Analytical Methods and Strategies in Small Population Conservation. J. D. Ballou, M. Gilpin, and T. J. Foose, Eds. Columbia University Press, New York, 1995. xx, 375 pp., illus. Paper, \$29.50 or £21. Methods and Cases in Conservation Science.

A Primer of Conservation Biology. Richard B. Primack. Sinauer, Sunderland, MA, 1995. x, 278 pp., illus. Paper, \$18.95.

Principles of Biochemistry. Geoffrey L. Zubey, William W. Parson, and Dennis E. Vance. Brown, Dubuque, IA, 1995. xxxii, 864 pp., illus., + supplementary material. \$80.11.

Principles of Plasma Discharges and Materials Processing. Michael A. Lieberman and Allan J. Lichtenberg. Wiley, New York, 1994. xxvi, 572 pp., illus. \$54.95.

Quantum Measurement. Vladimir B. Braginsky and Farid Ya. Khalili. Cambridge University Press, New York, 1995. xviii, 193 pp. Paper, \$24.95. Reprint, 1992 ed.

The Search for God. Can Science Help? John Houghton. Lion, Oxford, UK, 1995. 224 pp., illus. Paper, £6.99.

Sedimentographica. Photographic Atlas of Sedimentary Structures. Franco Ricci Lucchi. 2nd ed. Columbia University Press, New York, 1995. x, 255 pp., illus. \$45 or £31.50. Translated from the Italian edition (Bologna, 1992).

Self-Motion. From Aristotle to Newton. Mary Louise Gill and James G. Lennox, Eds. Princeton University Press, Princeton, NJ, 1994. xxii, 367 pp. \$45 or £36.50. Based on a conference, Pittsburgh, Feb. 1990.

The Seven Thunders of the Soul. A Unified General Theory of Behavior. Henry Jacobs. Trinity Research Center, Ashland, MS, 1995. vi, 162 pp., illus. Paper, \$14.95.

Sexuality. A Developmental Approach to Problems. Betty N. Gordon and Carolyn S. Schroder. Plenum, New York, 1995. xviii, 157 pp. \$35. Clinical Child Psychology Library.

The Shoulders of Giants. A History of Human Flight to 1919. Phil Scott. Addison-Wesley, Reading, MA, 1995. xiv, 337 pp., illus., + plates. \$24.

Single-Channel Recording. Bert Sakmann and Erwin Neher, Eds. 2nd ed. Plenum, New York, 1995. xxiv, 700 pp., illus., + plates. \$89.50.

The Social and Interactional Dimension of Human-Computer Interfaces. Peter J. Thomas, Ed. Cambridge University Press, New York, 1995. x, 268 pp., illus. \$54.95. Cambridge Series on Human-Computer Interaction, 9.

Publishers' Addresses

Below is information about how to direct orders for books reviewed in this issue. A fuller list of addresses of publishers represented in *Science* appears in the issue of 26 May 1995, page 1220.

Cambridge University Press, 110 Midland Ave., Port Chester, NY 10573-4930. Phone: 800-872-7423; 916-937-9600. Fax: 914-937-4712.

Little, Brown and Co., 200 West St., Waltham, MA 02154. Phone: 800-759-0190; 617-890-2125. Fax: 617-890-0875.

University of Chicago Press, 11030 S. Langley Ave., Chicago, IL 60628. Phone: 800-621-2736; 312-568-1550. Fax: 800-621-8476; 312-660-2235.

Warner Books, P.O. Box 690, Special Sales Dept., 1217 Avenue of the Americas, New York, NY 10020. Phone: 800-222-6747; 212-522-6982. Fax: 800-222-6902.