

Books Received

Amazonian Indians from Prehistory to the Present. Anthropological Perspectives. Anna Roosevelt, Ed. University of Arizona Press, Tucson, 1994. xx, 421 pp., illus. \$60.

Analysis of Addictive and Misused Drugs. John A. Adamovics, Ed. Dekker, New York, 1994. vii, 671 pp., illus. \$195.

Antarctica and Environmental Change. D. J. Drewry *et al.*, Eds. Royal Society and Clarendon (Oxford University Press), New York, 1994. viii, 137 pp., illus. \$55. From a meeting, May 1992. Reprinted from *Philosophical Transactions of the Royal Society of London*, series B, vol. 338, no. 1285.

Antibody-Antigen Complexes. Eduardo A. Padlan. Landes, Georgetown, TX, 1994 (distributor, CRC Press, Boca Raton, FL). vi, 94 pp., illus. \$89.95.

Antibody Techniques. Vedpal S. Malik and Erik P. Lillehoj, Eds. Academic Press, San Diego, CA, 1994. xvi, 353 pp., illus. Spiralbound, \$44.95.

Arterial Chemoreceptors. Cell to System. Ronan G. O'Regan *et al.*, Eds. Plenum, New York, 1994. xvi, 400 pp., illus. \$95. Advances in Experimental Medicine and Biology, vol. 360. From a meeting, Dublin, Ireland, Aug. 1993.

Biological Diversity. The Coexistence of Species on Changing Landscapes. Michael A. Huston. Cambridge University Press, New York, 1994. xx, 681 pp., illus. \$100; paper, \$34.95.

Biology and Palaeobiology of Bryozoans. Peter J. Hayward, John S. Ryland, and Paul D. Taylor, Eds. Olsen and Olsen, Fredensborg, Denmark, 1994. viii, 240 pp., illus. £78. From a conference, Swansea, Wales, July-Aug. 1992.

Biology of the Heteromyidae. Hugh H. Genoways and James H. Brown, Eds. American Society of Mammalogists, Provo, UT, 1993. xii, 719 pp., illus. \$65. Special Publication no. 10.

Blindness of Modern Science. Undo Uus. Tartu Observatory, Tartu, Estonia, 1994. xvi, 512 pp. Paper, \$30.

Brain Chemistry and the French Connection, 1791-1841. An Account of the Chemical Analyses of the Human Brain by Thuret (1791), Fourcroy (1793), Vauquelin (1811), Coerbe (1834), and Frémy (1841). Donald B. Tower. Raven, New York, 1994. xxiv, 306 pp. \$69. A Second Sourcebook in the History of Neurochemistry.

A Brief History of Pollution. Adam Markham. St. Martin's, New York, 1994. xiv, 162 pp. \$39.95; paper, \$15.95.

The Coevolutionary Process. John N. Thompson. University of Chicago Press, Chicago, 1994. xii, 376 pp., illus. \$49 or £39.25; paper, \$19.95 or £15.95.

The Cognitive Neurosciences. Michael S. Gazzaniga. MIT Press, Cambridge, MA, 1994. xiv, 1447 pp., illus., + plates. \$95 or £64.95.

Complexity. Metaphors, Models, and Reality. George A. Cowan, David Pines, and David Meltzer, Eds. Addison-Wesley, Reading, MA, 1994. xviii, 731 pp., illus. \$60.25; paper, \$34.50. Santa Fe Institute Studies in the Sciences of Complexity, Proceedings vol. 19.

Constraints and Possibilities. The Evolution of Knowledge and Knowledge of Evolution. Mauro Ceruti. Gordon and Breach, Langhorne, PA, 1994 (distributor, International Publishers Distributor, Brooklyn, NY). xviii, 159 pp. \$40 or £26 or ECU33. World Futures General Evolution Studies, vol. 8. Translated from the Italian edition (Milan, 1986) by Alfonso Montuori.

Cooperation and Conflict in General Evolutionary Processes. Johri L. Casti and Anders Karlqvist, Eds. Wiley, New York, 1994. xii, 435 pp., illus. \$69.95. From a workshop, Abisko, Sweden, May 1992.

Cosmological Aspects of X-Ray Clusters of Galaxies. Waltraut C. Seitter, Ed. Kluwer, Norwell, MA, 1994. xvi, 503 pp., illus. \$225 or £145 or Dfl. 360. NATO ASI series C, vol. 441.

A Course on Graph Theory. John S. Rose. Dover, New York, 1994. x, 310 pp. Paper, \$8.95. Reprint, 1978 ed.

Current Concepts in Endovascular Surgery. Samuel S. Ahn, Darwin Eton, and Kim J. Hodgson, Eds. Landes, Georgetown, TX, 1994 (distributor, CRC Press, Boca Raton, FL). viii, 128 pp., illus. \$89.95.

Curves and Surfaces in Geometric Design. Pierre-Jean Laurent *et al.*, Eds. Peters, Wellesley, MA,

1994. xvi, 490 pp., illus. \$69.95. From a conference, Chamonix-Mont-Blanc, France, June 1993.

Evolutionary Pathways and Enigmatic Algae. *Cyanidium caldarium* (Rhodophyta) and Related Cells. Joseph Seckbach, Ed. Kluwer, Norwell, MA, 1994. xii, 349 pp., illus. \$205 or £136.50 or Dfl. 250. Developments in Hydrobiology, 91.

Health and Numbers. Basic Biostatistical Methods. Chap T. Le and James R. Boen. Wiley-Liss, New York, 1994. xxii, 247 pp., illus. Paper, \$34.95.

Helicopter Theory. Wayne Johnson. Dover, New York, 1994. xxii, 1089 pp., illus. Paper, \$24.95. Reprint, 1980 ed.

Hidden Scholars. Women Anthropologists and the Native American Southwest. Nancy J. Parezo, Ed. University of New Mexico Press, Albuquerque, 1994. xxii, 429 pp., illus. \$47.50.

A History and Philosophy of Fluid Mechanics. G. A. Tokaty. Dover, New York, 1994. x, 241 pp., illus. Paper, \$8.95. Reprint, 1971 ed.

A History of Communication Study. A Biographical Approach. Everett M. Rogers. Free Press (Macmillan), New York, 1994. xvi, 576 pp., illus. \$34.95.

Hot Stars in the Galactic Halo. Saul J. Adelman *et al.*, Eds. Cambridge University Press, New York, 1994. xviii, 386 pp., illus. \$59.95. From a meeting, Schenectady, NY, Nov. 1993.

Human Learned Helplessness. A Coping Perspective. Mario Mikulincer. Plenum, New York, 1994. xii, 311 pp. \$45.

Integrins. Molecular and Biological Responses to the Extracellular Matrix. David A. Cheresh and Robert P. Mecham, Eds. Academic Press, San Diego, CA, 1994. xiv, 278 pp., illus. \$89.95.

Interpreting Nature. The Science of Living Form from Linnaeus to Kant. James L. Larson. Johns Hopkins University Press, Baltimore, MD, 1994. xii, 228 pp., illus. \$40.

Intimal Hyperplasia. Philip B. Dobrin. Landes, Georgetown, TX, 1994 (distributor, CRC Press, Boca Raton, FL). xvi, 355 pp., illus. \$125.

An Introduction to Information Theory. Fazlollah M. Reza. Dover, New York, 1994. xvi, 496 pp., illus. Paper, \$12.95. Reprint, 1961 ed.

Invention and Evolution. Design in Nature and Engineering. Michael French. 2nd ed. Cambridge University Press, New York, 1994. xx, 367 pp., illus. Paper, \$29.95.

Irrationality. Why We Don't Think Straight! Stuart Sutherland. Rutgers University Press, New Brunswick, NJ, 1994. x, 359 pp. \$24.95.

Metamathematics, Machines, and Gödel's Proof. N. Shankar. Cambridge University Press, New York, 1994. xvi, 202 pp. \$39.95. Cambridge Tracts in Theoretical Computer Science.

Methods in Enzymology. Vol. 244, Proteolytic Enzymes: Serine and Cysteine Peptidases. Alan J. Barrett, Ed. Academic Press, San Diego, CA, 1994. xxxii, 765 pp., illus. \$110.

Modern Analytical Ultracentrifugation. Acquisition and Interpretation of Data for Biological and Synthetic Polymer Systems. Todd M. Schuster and Thomas M. Laue, Eds. Birkhäuser Boston, Cambridge, MA, 1994. Springer-Verlag, New York. xiv, 351 pp., illus. \$94.50. Emerging Biochemical and Biophysical Techniques.

Nonlinear Waves in Networks. Felix Ali Mehmeti. Akademie Verlag, Berlin (U.S. distributor, VCH, New York), 1994. 171 pp. Paper, \$45. Mathematical Research, vol. 80.

Nothing Is Too Wonderful to Be True. Philip Morrison. AIP Press, Woodbury, NY, 1994. xii, 446 pp., illus. \$29.95. Masters of Modern Physics, vol. 11.

NowHere. Space, Time and Modernity. Roger Friedland and Deirdre Boden, Eds. University of California Press, Berkeley, 1994. xiv, 436 pp., illus. \$47; paper, \$18.

The Nuclear Shell Model. Study Edition. Kris L. G. Heyde. 2nd ed. Springer-Verlag, New York, 1994. xvi, 438 pp., illus. \$49.95.

Number Theory. George E. Andrews. Dover, New York, 1994. x, 259 pp., illus. Paper, \$6.95. Reprint, 1971 ed.

Pioneer Naturalists. The Discovery and Naming of North American Plants and Animals. Howard Ensign Evans. Holt, New York, 1994. x, 294 pp., illus. Paper, \$12.95 or £C17.95. Reprint, 1993 ed.

Plant-Environment Interactions. Robert E. Wilkin-

son, Ed. Dekker, New York, 1994. xii, 599 pp., illus. \$150.

Power Surge. Guide to the Coming Energy Revolution. Christopher Flavin and Nicholas Lenssen. Norton, New York, 1994. 382 pp., illus. \$23; paper, \$10.95. Worldwatch Environmental Alert Series.

Practical Bifurcation and Stability Analysis. From Equilibrium to Chaos. Rüdiger Seydel. 2nd ed. Springer-Verlag, New York, 1994. xxvi, 407 pp., illus. \$49. Interdisciplinary Applied Mathematics, 5.

Principles and Practice of Infectious Disease. 4th ed. 2 vols. Vol. 1, xxxii pp. + pp. 1-1312, illus., + index. Vol. 2, xxxii pp. + pp. 1313-2804, illus., + index. Gerald L. Mandell, John E. Bennett, and Raphael Dolin, Eds. Churchill Livingstone, New York, 1994. \$249.95.

Principles of Gene Manipulation. An Introduction to Genetic Engineering. R. W. Old and S. B. Primrose. 5th ed. Blackwell Scientific, Cambridge, MA, 1994. vi, 474 pp., illus. Paper, \$42.95. Studies in Microbiology.

Progress in Iron Research. Chaim Hersko *et al.*, Eds. Plenum, New York, 1994. x, 402 pp., illus. \$110. Advances in Experimental Medicine and Biology, vol. 356. From a conference, Jerusalem, Israel, April-May 1993.

The Psychology of Writing. Ronald T. Kellogg. Oxford University Press, New York, 1994. x, 253 pp., illus. \$39.95.

Public Archaeology in Annapolis. A Critical Approach to History in Maryland's Ancient City. Parker B. Potter, Jr. Smithsonian Institution Press, Washington, DC, 1994. x, 260 pp., illus. \$45; paper, \$19.95.

Risky Rivers. The Economics and Politics of Floodplain Farming in Amazonia. Michael Chibnik. University of Arizona Press, Tucson, 1994. x, 268 pp., illus. \$25.95. Arizona Studies in Human Ecology.

Roger Tory Peterson. The Art and Photography of the World's Foremost Birder. Roger Tory Peterson and Rudy Hoglund, Eds. Rizzoli, New York, NY, 1994. 204 pp., illus. \$50.

Scientific Style and Format. The CBE Manual for Authors, Editors, and Publishers. 6th ed. CBE Style Manual Committee. Cambridge University Press, New York, 1994. xvi, 825 pp. \$34.95.

A Short Course in General Relativity. J. Foster and J. D. Nightingale. 2nd ed. Springer-Verlag, New York, 1994. x, 230 pp., illus. Paper, \$29.95.

A Short History of the Universe. Joseph Silk. Scientific American Library (HPLP), New York, 1994 (distributor, Freeman, New York). x, 246 pp., illus. \$32.95.

Sly and Able. A Political Biography of James F. Byrnes. David Robertson. Norton, New York, 1994. xvi, 639 pp. + plates. \$29.95.

The Social Organization of Sexuality. Sexual Practices in the United States. Edward O. Laumann *et al.* University of Chicago Press, Chicago, 1994. xxxii, 718 pp., illus. \$49.95.

Spontaneous Current Sheets in Magnetic Fields. With Applications to Stellar X-rays. Eugene N. Parker. Oxford University Press, New York, 1994. xiv, 420 pp., illus. \$85. International Series on Astronomy and Astrophysics, 1.

Stably Stratified Flows. Flow and Dispersion over Topography. I. P. Castro and N. J. Rookliff. Clarendon (Oxford University Press), New York, 1994. xiv, 358 pp., illus. \$90.00. Institute of Mathematics and Its Applications Conference Series, new series, 52. From a conference, Sept. 1992.

Syntactic Theory and First Language Acquisition. Cross-Linguistic Perspectives. 2 vols. Vol. 1, Heads, Projections, and Learnability. Barbara Lust, Margarita Suárez, and John Whitman, Eds. xxxviii, 352 pp., illus. \$79.95. Vol. 2, Binding, Dependencies, and Learnability. Barbara Lust, Gabriella Hermon, and Jaklin Kornfilt, Eds. xi, 535 pp., illus. \$99.25. Erlbaum, Hillsdale, NJ, 1994. The two, \$125.

System Reliability Theory. Models and Statistical Methods. Arniot Høyland and Marvin Rausand. Wiley, New York, 1994. x, 523 pp., illus. \$69.95. Wiley Series in Probability and Mathematical Statistics. Applied Probability and Statistics.

Temporal Logic. Mathematical Foundations and Computational Aspects. Vol. 1. Dov M. Gabbay *et al.* Clarendon (Oxford University Press), New York, 1994. xiv, 653 pp. \$95. Oxford Logic Guides, 28.