

**Horns, Pronghorns, and Antlers.** Evolution, Morphology, Physiology, and Social Significance. GEORGE A. BUBENIK and ANTHONY B. BUBENIK, Eds. Springer-Verlag, New York, 1990. xii, 562 pp., illus. \$89.

*Horns, Pronghorns, and Antlers* is, the editors note, a "rather unique" project, bringing together scientists in fields ranging from taxonomy to neuroendocrinology to deal with the subject of "cranial appendages." The volume opens with a set of six papers under the heading Evolution and Morphology. Anthony Bubenik leads off with a 110-page overview chapter in which he distinguishes between "horns" that are a product of skin and those that are protuberances of bone, reviews terminology for and taxonomy based on such structures, and discusses evolutionary and ontogenetic explanations for them. There follow another comparative and evolutionary discussion by C. M. Janis, focusing on the relation of reproduction and digestion in their evolution, and phylogenetic and morphological accounts of the Muntiacidae (muntjac and tufted deer) by C. P. Groves and P. Grubb, the Cervidae of Southeast Asia by Grubb, and the Bovidae of Africa by A. W. Gentry, along with a chapter by C. S. Churcher on the distinctive "cranial ornaments" known as ossicones in the Giraffoidea. The remainder of the book—Physiology, Genetics, and Behavior—is given over to more specialized papers. After an account (by B. E. O'Gara) of the pronghorn deer that appears to be more appropriate to the earlier section of the book, a dozen papers take up such topics as the neuroendocrine regulation of the antler cycle, the development of antlers as an example of metamorphosis, experimental induction of antler growth and regeneration, the relation between reproductive and antler cycles, nutritional requirements for antler growth, the relation of social dominance, hormonal changes, and antler development, and genetic variability in antler development. The volume ends with a combined reference list and indexes of fossil and extant pecora and "general terms."—K.L.

## Reprints of Books Previously Reviewed

**Australian Science in the Making.** R. W. Home, Ed. Cambridge University Press, New York, 1990. Paper, \$29.95. *Reviewed* 242, 118 (1988).

**First the Seed.** Jack Ralph Kloppenburg. Cambridge University Press, New York, 1990. Paper, \$14.95. *Reviewed* 243, 412 (1989).

**Indian Clothing Before Cortés.** Patricia Rieff Anawalt. University of Oklahoma Press, Norman, OK, 1990. *Reviewed* 216, 870 (1982).

**Pacific Visions.** Michael L. Smith. Yale University Press, New Haven, CT, 1990. Paper, \$12.95. *Reviewed* 241, 731 (1988).

## Books Received

**Alternative Life-History Styles of Fishes.** Michael N. Bruton, Ed. Kluwer, Boston, 1990. iv, 327 pp., illus. \$165. Developments in Environmental Biology of Fishes, 10. From a conference, Grahamstown, South Africa, June 1987. Reprinted from *Environmental Biology of Fishes* 28 (1-4), 1990, with indexes added.

**Analysis of Geological Structures.** N. J. Price and J. W. Cosgrove. Cambridge University Press, New York, 1990. xiv, 502 pp., illus. \$125; paper, \$49.50.

**Analysis of Growth and Development of Xanthium.** Roman Maksymowich, with James O. Brooks and Frank B. Salisbury. Cambridge University Press, New York, 1990. xii, 220 pp., illus. \$64.50. Developmental and Cell Biology series.

**The Analytical and Topological Theory of Semigroups.** Trends and Developments. Karl Heinrich Hofmann, Jimmie D. Lawson, and John S. Pyn, Eds. De Gruyter, New York, 1990. xii, 398 pp., illus. \$74.95. De Gruyter Expositions in Mathematics, 1. From a conference, Oberwolfach, F.R.G.

**Analytical Microbiology and Methods.** Chromatography and Mass Spectrometry. Alvin Fox *et al.*, Eds. viii, 280 pp., illus. \$69.50. From a symposium, Columbia, SC, June 1987.

**The Appalachian-Ouachita Orogen in the United States.** Robert D. Hatcher, Jr., William A. Thomas, and George W. Viele, Eds. Geological Society of America, Boulder, CO, 1989. xiv, 767 pp., illus., + plates in slipcase. \$75. Decade of North American Geology Project series, vol. F-2.

**The Art of Tracking.** The Origin of Science. Louis Liebenberg. Philip, Claremont, South Africa, 1990. x, 176 pp., illus. R49.95.

**Asbestos.** Medical and Legal Aspects. Barry I. Castleman. 3rd ed. Prentice Hall, Englewood Cliffs, NJ, 1990. xxii, 776 pp., illus. \$85.

**Astrodynamics 1989.** Catherine L. Thornton *et al.*, Eds. Published for the American Astronautical Society by Univelt, San Diego, CA, 1990. 2 parts. Ivi, 1437 pp., illus. \$200; paper, \$170. Advances in the Astronautical Sciences, vol. 71. From a conference, Stowe, VT, Aug. 1989.

**Atlas of Ozone Spectral Parameters From Microwave to Medium Infrared.** Jean-Marie Flaud *et al.* Academic Press, San Diego, CA, 1990. viii, 599 pp., illus. \$89.50.

**Atomic Spectroscopy.** James W. Robinson. Dekker, New York, 1990. viii, 299 pp., illus. \$99.75.

**The Bacteria.** A Treatise on Structure and Function. Vol. 12, Bacterial Energetics. Terry Ann Krulwich, Ed. Academic Press, San Diego, CA, 1990. xii, 569 pp., illus. \$110.

**Behavioral Aspects of AIDS.** David G. Ostrow, Ed. Plenum, New York, 1990. xviii, 414 pp., illus. \$55.

**Behavioural Ecology of the Galah.** *Eolophus roseicapillus*. In the Wheatbelt of Western Australia. Ian Rowley. Beatty, Chipping Norton, Australia, 1990. xii, 188 pp., illus. \$39.60.

**Biological Oxidation Systems.** Vol. 1. C. Channa Reddy, Gordon A. Hamilton, and K. M. Madyastha, Eds. Academic Press, San Diego, CA, 1990. xxii, 546 pp., illus. \$80. From a symposium, Bangalore, India, Oct. 1989.

**Biopharmaceutics and Clinical Pharmacokinetics.** Milo Gibaldi. 4th ed. Lea and Febiger, Philadelphia, 1991. x, 406 pp., illus. \$35.

**Biotechnology and Food Process Engineering.** Henry G. Schwartzberg and M. A. Rao, Eds. Dekker, New York, 1990. viii, 493 pp., illus. \$69.75. Basic Symposium series. From a symposium, Chicago, IL, June 1989.

**Biotechnology and Food Safety.** Dennis Westhoff *et al.*, Eds. Butterworth-Heinemann, Boston, 1990. xiv, 381 pp., illus. \$65. From a symposium.

**Bryant's Law and Other Broadides.** Recent Controversial Writings of John Bryant. Illustrated by Lenora and John Bryant. Socratic Press, St. Petersburg Beach, FL, 1990. viii, variously paged. Paper, \$19.95.

**Carotenoids.** Chemistry and Biology. Norman I. Krinsky, Micheline M. Mathews-Roth, and Richard F. Taylor, Eds. Plenum, New York, 1990. x, 382 pp., illus. \$85. From a symposium, Boston, July 1987.

**The Changing Atmosphere.** A Global Challenge. John Firor. Yale University Press, New Haven, CT, 1990. xiv, 145 pp., illus. \$19.95.

**Chemical Kinetics.** The Study of Reaction Rates in Solution. Kenneth A. Connors. VCH, New York, 1990. xiv, 480 pp., illus. \$95; paper, \$49.50.

**Chemical Physics of Liquids.** N. H. March. Gordon and Breach, New York, 1990. xii, 326 pp., illus.

\$145. Contemporary Topics in Pure and Applied Condensed Matter Science, vol. 1.

**Circulating Regulatory Factors and Neuroendocrine Function.** John C. Porter and Daniela Ježová, Eds. Plenum, New York, 1990. xx, 487 pp., illus. \$105. Advances in Experimental Medicine and Biology, vol. 274. From a symposium, Smolenice Castle, Czechoslovakia, June 1989.

**Colliding Galaxies.** The Universe in Turmoil. Barry Parker. Drawings by Lori Scofield. Plenum, New York, 1990. x, 298 pp., illus. \$23.95.

**Colloidal Dispersions.** W. B. Russel, D. A. Saville, and W. R. Schowalter. Cambridge University Press, New York, 1990. xviii, 525 pp., illus. \$99.50. Cambridge Monographs on Mechanics and Applied Mathematics.

**Colorado Flora.** Eastern Slope. William A. Weber. University Press of Colorado, Niwot, CO 1990. xxviii, 396 pp., illus., + plates. \$32.50; paper, \$19.95.

**The Coming Quake.** Science and Trembling on the California Earthquake Frontier. T. A. Heppenheimer. Paragon, New York, 1990. xviii, 290 pp., illus. Paper, \$12.95. Reprint, 1988 ed.

**Computational Vision.** Harry Wechsler. Academic Press, San Diego, 1990. xviii, 558 pp., illus. \$64.50. Computer Science and Scientific Computing.

**Delinquency Careers in Two Birth Cohorts.** Paul E. Tracy, Marvin E. Wolfgang, and Robert M. Figlio. Plenum, New York, 1990. x, 308 pp., illus. \$35. Plenum Series in Crime and Justice.

**Dependence with Complete Connections and Its Applications.** Marius Iosifescu and Serban Grigorescu. Cambridge University Press, New York, 1990. xvi, 304 pp. \$69.50. Cambridge Tracts in Mathematics, 96. Translated with revisions from the Romanian edition (1982).

**The Diencephalon and Sleep.** Mauro Mancia and Gabriella Marini, Eds. Raven, New York, 1990. xvi, 402 pp., illus. \$60. From a symposium, Lago Maggiore, Italy, Sept. 1989.

**Distributed Ada.** Developments and Experiences. Judy M. Bishop, Ed. Cambridge University Press, New York, 1990. viii, 321 pp., illus. \$39.50. Ada Companion Series. From a symposium, Southampton, U.K., Dec. 1989.

**Electronic Aspects of Organic Photochemistry.** Josef Michl and Vlasta Bonacic-Koutecky. Wiley, New York, 1990. xvi, 475 pp., illus. \$64.95. A Wiley-Interscience Publication.

**Electronic Materials Science.** For Integrated Circuits in Si and GaAs. James W. Mayer and S. S. Lau. Macmillan, New York, 1990. xx, 476 pp., illus. \$58.

**Electroweak Interactions.** An Introduction to the Physics of Quarks and Leptons. Peter Renton. Cambridge University Press, New York, 1990. xiv, 596 pp., illus. \$110; paper, \$37.50.

**Endocrine and Biochemical Development of the Fetus and Neonate.** José M. Cuezva, Ana M. Pascual-Leone, and Mulchand S. Patel, Eds. Plenum, New York, 1990. x, 316 pp., illus. \$75. Reproductive Biology. From a meeting, Madrid, Spain, Dec. 1988.

**Fluid Mechanics.** Pijush K. Kundu. Academic Press, San Diego, CA, 1990. xxii, 638 pp., illus. \$55.

**Fundamentals of Superconductivity.** Vladimir Z. Kresin and Stuart A. Wolf. Plenum, New York, 1990. xii, 231 pp., illus. \$42.50.

**G-Proteins and Signal Transduction.** G. Milligan, M. J. O. Wakelam, and J. Kay, Eds. Biochemical Society, London, 1990. xiv, 171 pp., illus. \$65. Biochemical Society Symposium no. 56. From a symposium, London, Dec. 1989.

**Geology of the Composite Avalon Terrane of Southern New England.** Anthony D. Socci, James W. Skehan, and Geoffrey W. Smith, Eds. Geological Society of America, Boulder, CO, 1990. viii, 254 pp., illus. Paper, \$45. GSA Special Paper 245. From a symposium, Pittsburgh, PA, March 1987.

**Global Environmental Issues.** A Climatological Approach. David D. Kemp. Routledge, New York, 1990. xvi, 220 pp., illus. \$57.50; paper, \$15.95.

**Health Psychology.** Processes and Applications. Anabel K. Broome, Ed. Chapman and Hall, New York, 1990. xvi, 498 pp., illus. Paper, \$55.

**The Human Core.** The Intrapyschic Base of Behavior. Leo Rangell. International Universities Press, Madison, CT, 1990. 2 vols. Vol. 1, Action within a Structural View. x + pp. 1-468, illus. \$60. Vol. 2, From Anxiety to Integrity. xii + pp. 473-959, illus. \$60.

**Humic Substances in Soil and Crop Science.** Selected Readings. P. MacCarthy *et al.*, Eds. American Society of Agronomy, Madison, WI, 1990. xviii, 281 pp., illus. \$30. From a symposium, Chicago, IL, Dec. 1985.

- The Hurricane.** Roger A. Pielke. Routledge, New York, 1990. xii, 228 pp., illus. \$59.95.
- Immune Recognition and Evasion.** Molecular Aspects of Host-Parasite Interaction. Lex H. T. Van der Ploeg, Charles R. Cantor, and Henry J. Vogel, Eds. Academic Press, San Diego, CA, 1990. xiv, 315 pp., illus. \$65. From a symposium, New York, June 1988.
- In Situ Hybridization.** Application to Developmental Biology and Medicine. N. Harris and D. G. Wilkinson, Eds. Cambridge University Press, New York, 1990. xii, 288 pp., illus. \$59.50. Society for Experimental Biology Seminar Series, 40.
- Inca Civilization in Cuzco.** R. Tom Zuidema. University of Texas Press, Austin, 1990. xiv, 101 pp., illus. \$19.95; paper, \$9.95. Translated from the French edition (Paris, 1986) by Jean-Jacques Decoster.
- Inclusion Phenomena and Molecular Recognition.** Jerry L. Atwood. Plenum, New York, 1990. x, 411 pp., illus. \$89.50. From a symposium, Orange Beach, AL, Sept. 1988.
- Individual Differences in Infancy.** Reliability, Stability, Prediction. John Colombo and Jeffrey Fagen, Eds. Erlbaum, Hillsdale, NJ, 1990. xii, 484 pp., illus. \$69.95.
- Information and the Internal Structure of the Universe.** An Exploration into Information Physics. Tom Stonier. Springer-Verlag, New York, 1990. xii, 155 pp., illus. \$19.95.
- Inka Settlement Planning.** John Hyslop. University of Texas Press, Austin, 1990. xvi, 377 pp., illus. \$30.
- Introduction to Infrared and Raman Spectroscopy.** Norman B. Colthup, Lawrence H. Daly, and Stephen E. Wiberley, Eds. 3rd ed. Academic Press, San Diego, CA, 1990. xii, 547 pp., illus. \$69.50.
- Inverse Problems in Differential Equations.** Gottfried Anger. Plenum, New York, 1990. 255 pp., illus. \$65.
- Investing in the Future.** An International Comparison of Government Funding of Academic and Related Research. John Irvine, Ben R. Martin, and Phoebe Isard. Elgar, Brookfield, VT, 1990. xvi, 277 pp., illus. \$49.95. Report of a study sponsored by the U.K. Advisory Board for the Research Councils and the U.S. National Science Foundation.
- Language and Species.** Derek Bickerton. University of Chicago Press, Chicago, 1990. xii, 297 pp., illus. \$24.95.
- Late Quaternary History of the Lake Michigan Basin.** Allan F. Schneider and Gordon S. Fraser, Eds. Geological Society of America, Boulder, CO, 1990. viii, 123 pp., illus. Paper, \$32.50. GSA Special Paper 251. From a symposium, DeKalb, IL, April 1985.
- Local Density Theory of Polarizability.** Gerald D. Mahan and K. R. Subbaswamy. Plenum, New York, 1990. x, 255 pp., illus. \$49.50. Physics of Solids and Liquids.
- Mathematical Ecology of Plant Species Competition.** A Class of Deterministic Models for Binary Mixtures of Plant Genotypes. Anthony G. Pakes and Ross A. Maller. Cambridge University Press, New York, 1990. xiv, 193 pp., illus. \$49.50. Cambridge Studies in Mathematical Biology.
- Modula-2 Programming.** A First Course. Edward D. Harter. Prentice-Hall, Englewood Cliffs, NJ, 1990. xvi, 519 pp., illus. Paper, \$37.60.
- Molecular and Cellular Biology of Cytokines.** Joost J. Oppenheim *et al.*, Eds. Wiley-Liss, New York, 1990. xlii, 570 pp., illus. \$150. Progress in Leukocyte Biology, vol. 10A. From a workshop, Hilton Head Island, SC, Dec. 1989.
- Molecular Approaches to Supracellular Phenomena.** Stephen Roth, Ed. University of Pennsylvania Press, Philadelphia, 1990. x, 229 pp., illus. \$34.95. Developmental Biology Series.
- Molecular Approaches to the Study of Allergens.** B. A. Baldo, Ed. Karger, New York, 1990. viii, 166 pp., illus. \$158. Monographs in the Study of Allergens, vol. 28.
- Molecular Aspects of Immune Response and Infectious Diseases.** H. Kiyono, E. Jirillo, and C. DeSimone, Eds. Raven, New York, 1990. xxii, 202 pp., illus. \$85. Advances in Host Defense Mechanisms, vol. 7. From a conference, Rome, Italy, July 1989.
- Molecular Structure, Function, and Assembly of the ATP Synthases.** Sangkot Marzuki, Ed. x, 284 pp., illus. \$69.50. From a symposium, Honolulu, Hawaii, April 1987.
- Moments in the Life of a Scientist.** Bruno Rossi. Cambridge University Press, New York, 1990. xvi, 181 pp., illus., + plates. \$44.50.
- Multiple Muscle Systems.** Biomechanics and Movement Organization. Jack M. Winters and Savio L-Y. Wood, Eds. Springer-Verlag, New York, 1990. xx, 801 pp., illus. \$69.
- Networking in International Agricultural Research.** Donald L. Plucknett, Nigel J. H. Smith, and Selcuk Ozgediz. Cornell University Press, Ithaca, NY, 1990. xvi, 224 pp., illus. \$28.95. Food Systems and Agrarian Change.
- Neurobiology of Stress Ulcers.** Daniel E. Hernandez and Gary B. Glavin, Eds. New York Academy of Sciences, New York, 1990. xii, 299 pp., illus. Cloth or paper, \$75. Annals of the New York Academy of Sciences, vol. 597. From a conference, Lake Arrowhead, CA, May 1988.
- Nonlinear Photonics.** H. M. Gibbs, G. Khitrova, and N. Peyghambarian, Eds. Springer-Verlag, New York, 1990. xii, 209 pp., illus. \$59.50. Springer Series in Electronics and Photonics, vol. 30.
- On the Shoulders of Giants.** New Approaches to Numeracy. Lynn Arthur Steen, Ed. National Academy Press, Washington, DC, 1990. viii, 232 pp., illus. \$17.95.
- Ordinary Differential Equations.** An Introduction to Nonlinear Analysis. Herbert Amann. De Gruyter, New York, 1990. xiv, 458 pp., illus. \$69. De Gruyter Studies in Mathematics, no. 13. Translated from the German edition (Berlin, 1983) by Gerhard Metzner.
- Other Origins.** The Search for the Giant Ape in Human Prehistory. Russell Ciochon, John Olsen, and Jamie James. Bantam, New York, 1990. xxii, 262 pp., illus. \$22.95.
- Parental Loss and Achievement.** Marvin Eisenszadt *et al.* International Universities Press, Madison, CT, 1990. xiv, 338 pp. \$37.50. Translated from the French edition (1977).
- Penguin Biology.** Lloyd S. Davis and John T. Darby, Eds. Academic Press, San Diego, CA, 1990. xx, 467 pp., illus. \$79.95.
- Peroovskites and High T<sub>c</sub> Superconductors.** Francis S. Galasso, Gordon and Breach, New York, 1990. xiv, 293 pp., illus. \$110.
- Perspectives of Nonlinear Dynamics.** Vol. 2. E. Atlee Jackson. Cambridge University Press, New York, 1990. xviii, 632 pp., illus. \$59.50.
- Physical Cosmology and Philosophy.** John Leslie, Ed. Macmillan, New York, 1990. viii, 277 pp. Paper, \$13. Philosophical Topics.
- Physical Methods of Chemistry.** Vol. 5, Determination of Structural Features of Crystalline and Amorphous Solids. Bryant W. Rossiter and John F. Hamilton, Eds. 2nd ed. Wiley, New York, 1990. xiv, 618 pp., illus. \$125. A Wiley-Interscience Publication.
- The Principles of Electromagnetic Theory.** Attay Kovetz. Cambridge University Press, New York, 1990. xviii, 221 pp., illus. \$49.50; paper, \$19.95.
- Protozoa and Other Protists.** Michael A. Sleight. Arnold (Hodder and Stoughton), New York, 1989. x, 342 pp., illus. \$60; paper, \$29.95. New edition of *The Biology of Protozoa*.
- Residual Currents and Long-term Transport.** R. T. Cheng, Ed. Springer-Verlag, New York, 1990. xii, 544 pp., illus. \$98. Coastal and Estuarine Studies, 38. From a conference, Pacific Grove, CA, Nov. 1988.
- Risk and Protective Factors in the Development of Psychopathology.** Jon Rold *et al.*, Eds. Cambridge University Press, New York, 1990. xvi, 554 pp., illus. \$59.50.
- Science and Its Fabrication.** Alan Chalmers. University of Minnesota Press, Minneapolis, MN, 1990. xii, 142 pp. \$39.95; paper, \$14.95.
- Scientific Software Systems.** J. C. Mason and M. G. Cox, Eds. Chapman and Hall, New York, 1990. xiv, 265 pp., illus. \$49. From a symposium, Shrivenham, U.K., July 1988.
- Sea Mammals and Oil.** Confronting the Risks. Joseph R. Geraci and David J. St. Aubin, Eds. Academic Press, San Diego, CA, 1990. xvi, 282 pp., illus. \$59.95.
- Self-Directedness.** Cause and Effects Throughout the Life Course. Judith Rodin, Carmi Schooler, and K. Warner Schaie, Eds. Erlbaum, Hillsdale, NJ, 1990. xii, 268 pp., illus. \$39.95.
- Sensory Transduction.** Antonio Borsellino, Luigi Cervetto, and Vincent Toree, Eds. Plenum, New York, 1990. xiv, 217 pp., illus. \$69.50. NATO Advanced Science Institute Series, vol. 194. From a course, Erice, Italy, June 1988.
- Small Ring Compounds in Organic Synthesis IV.** A. de Meijere, Ed. Springer-Verlag, New York, 1990. viii, 160 pp., illus. \$69.50. Topics in Current Chemistry, 155.
- Sportometrics.** Brian L. Goff and Robert D. Tollison. Texas A&M University Press, College Station, TX, 1990. x, 319 pp., illus. \$47.50. Texas A&M University Economics Series, no. 11.
- Steps in Commutative Algebra.** R. Y. Sharp. Cambridge University Press, New York, 1990. xii, 321 pp. \$49.50; paper, \$17.95. London Mathematical Society Student Texts, 19.
- Study Abroad.** The Experience of American Undergraduates. Jerry S. Carlson *et al.* Greenwood, New York, 1990. xx, 244 pp. \$42.95. Contributions to the Study of Education, no. 37.
- Subantarctic Macquarie Island.** Environment and Biology. P. M. Selkirk, R. D. Seppelt, and D. R. Selkirk. Cambridge University Press, New York, 1990. xiv, 285 pp., illus. \$64.50. Studies in Polar Research.
- Surface Water Hydrology.** M. G. Wolman and H. C. Riggs, Eds. Geological Society of America, Boulder, CO, 1990. viii, 374 pp., illus., + plates. \$60. Decade of North American Geology Series, vol. O-1.
- Sustaining the Earth.** John Young. Harvard University Press, Cambridge, MA, 1990. x, 225 pp., illus. \$19.95.
- Symmetric Multivariate and Related Distributions.** Kai-Tai Fang, Samuel Kotz, and Kai Wang Ng. Chapman and Hall, New York, 1990. x, 220 pp. \$49.95. Monographs on Statistics and Applied Probability, 36.
- Systems Approaches to Developmental Neurobiology.** Pamela A. Raymond, Stephen S. Easter, Jr., and Giorgio M. Innocenti, Eds. Plenum, New York, 1990. x, 194 pp., illus. \$59.50. NATO Advanced Science Institute Series, vol. 192. From a study institute, Varenna, Italy, June 1989.
- Therapeutic Monoclonal Antibodies.** Carl A. K. Borrebaeck and James W. Larrick, Eds. Stockton, New York, 1990. xiv, 369 pp., illus. \$79.95.
- Thermodynamic Properties of Individual Substances.** Vol. 2, Elements C, Si, Ge, Sn, Pb, and Their Compounds. L. V. Gurvich, I. V. Veys, and C. B. Alcock. Hemisphere (Taylor and Francis), New York, 1990. 2 parts. Part I, Methods and Computation. xii, 569 pp. Part 2, Tables. xii, 372 pp. \$249.
- Thymus Update.** Vol. 3, The Role of the Thymus in Tolerance Induction. Marion D. Kendall and Mary A. Ritter, Eds. Harwood, New York, 1990. x, 327 pp., illus. \$120.
- Trends in Eicosanoid Biology.** Bengt Samuelsson *et al.*, Eds. Raven, New York, 1990. xii, 264 pp., illus. \$55. Advances in Prostaglandin, Thromboxane and Leukotriene Research, vol. 20. From a symposium, Interlaken, Switzerland, Sept. 1989.
- Uncertainty.** A Guide to Dealing with Uncertainty in Quantitative Risk and Policy Analysis. M. Granger Morgan and Max Henrion with a chapter by Mitchell Small. Cambridge University Press, New York, 1990. xii, 332 pp., illus. \$44.50.
- The Use of Pulsating Stars in Fundamental Problems of Astronomy.** Edward G. Schmidt, Ed. Cambridge University Press, New York, 1990. viii, 298 pp., illus. \$44.50. International Astronomical Union Colloquium, 111.
- Verification of Conventional Arms Control in Europe.** Technological Constraints and Opportunities. Richard Kokoski and Sergey Koulik, Eds. Westview, Boulder, CO, 1990. xiv, 322 pp., illus. Paper, \$21.95.
- Very High Speed Integrated Circuits.** Heterostructure. Toshiaki Ikoma, Ed. Academic Press, San Diego, CA, 1990. x, 290 pp., illus. \$75. Semiconductors and Semimetals, vol. 30.
- Viral Vaccines.** Avshalom Mizrahi, Ed. Wiley, New York, 1990. xiv, 381 pp., illus. \$124.95. Advances in Biotechnological Processes, vol. 14.
- Visual Agnosia.** Disorders of Object Recognition and What They Tell Us about Normal Vision. Martha J. Farah. MIT Press, Cambridge, MA, 1990. xviii, 184 pp., illus. \$25. Issues in the Biology of Language and Cognition. A Bradford Book.
- Visitation in Historical Perspective.** Nicholas A. Rupke, Ed. Routledge, New York, 1990. x, 373 pp., illus. Paper, \$17.95. Wellcome Institute Series in the History of Medicine. Reprint, 1987 ed.
- Volcanism and Fossil Biotas.** Martin G. Lockley and Alan Rice, Eds. Geological Society of America, Boulder, CO, 1990. vi, 125 pp., illus. Paper, \$27.50. Special Paper, 244. From a symposium, Boulder, CO, May 1987.
- The Warrior's Edge.** John B. Alexander, Richard Groller, and Janet Morris. Morrow, New York, 1990. 240 pp., illus. \$19.95.
- Why Preserve Natural Variety?** Bryan G. Norton. Princeton University Press, Princeton, NJ, 1990. xiv, 281 pp. Paper, \$13.95. Studies in Moral, Political, and Legal Philosophy. Reprint, 1987 ed.
- ZAAP! Taming ESD, RFI, and EMI.** M. Bruce Corp. Academic Press, San Diego, CA, 1990. xii, 236 pp., illus. \$34.95.