

gene" (though the editors question Mendel's designation as the founder of genetics). Preceding the treatment of the masterwork itself are a 37-page life of Mendel and an introduction supplying "minimum basic information" about plant breeding and about peas. There follow 120 pages of "text and interpretation." Here Mendel's text is set off in a separate typeface and broken into blocks of typically 60 to 100 lines, numbered for easy reference, with interpretative comments of equal or greater length interspersed. The interpretation is focused on the text as such, without reference to secondary sources. After an epilogue in which the authors comment in a general way on more recent developments, there are appendixes describing fertilization and meiosis, giving the chronology of Mendel's experiments, discussing problems having to do with the relation between the seed and its coat, and considering, with some elementary statistics, "where is the bias?" in the experiments. Finally, the book contains a glossary, a bibliography of mostly historical works, and an index. In October Rutgers University Press will issue it in electronic form as a "Hyper!Book," with special arrangements possible for classroom use.

—Katherine Livingston

## Books Received

**The Atomic Energy Commission under Nixon.** Adjusting to Troubled Times. Glenn T. Seaborg with Benjamin S. Loeb. St. Martin's, New York, 1993. xx, 268 pp., illus. \$39.95.

**The Aztecs, Maya, and Their Predecessors.** Archaeology of Mesoamerica. Muriel Porter Weaver. 3rd ed. Academic Press, San Diego, CA, 1993. xx, 567 pp., illus. \$54.95.

**The Chemotherapy of Human Parasitic Disease.** V. Bozdech and P. Mason. University of Zimbabwe Publications, Harare, 1992. x, 220 pp. Paper, \$27.

**Climate Change and Its Biological Consequences.** David M. Gates. Sinauer, Sunderland, MA, 1993. viii, 280 pp., illus. Paper, \$18.95.

**Climate System Modeling.** Kevin E. Trenberth, Ed. Cambridge University Press, New York, 1992. xxx, 788 pp., illus. \$49.95.

**Climate under Cover.** Digital Dynamic Simulation in Plant Bio-Engineering. Tadashi Takakura. Kluwer, Norwell, MA, 1993. xii, 155 pp., illus. \$84.

**CO<sub>2</sub> and Biosphere.** J. Rozema *et al.*, Eds. Kluwer, Norwell, MA, 1993. x, 484 pp., illus. \$302. Advances in Vegetation Science, 14. From a workshop, Wageningen, The Netherlands, Nov. 1991. Reprinted from *Vegetatio*, vol. 104/105.

**Cocaine.** Physiological and Physiopathological Effects. Alfonso Paredes, David A. Gorelick, and Barry Stimmel, Eds. Haworth, Binghamton, NY, 1992. viii, 130 pp., illus. \$26.95; paper, \$19.95. Published as *Journal of Addictive Diseases*, vol. 11, no. 4.

**Collecting the Pre-Columbian Past.** Elizabeth Hill Boone, Ed. Dumbarton Oaks Research Library and Collection, Washington, DC, 1993. vi, 359 pp., illus. \$30. From a symposium, Washington, DC, Oct. 1990.

**Coming to Life.** Leston Havens. Harvard University Press, Cambridge, MA, 1993. x, 206 pp. \$22.50.

**Communication within Animal Cells.** Greg J. Barritt. Oxford University Press, New York, 1992. xvi, 343 pp., illus. \$95.

**The Elusive Transformation.** Science, Technology,

and the Evolution of International Politics. Eugene B. Skolnikoff. Princeton University Press, Princeton, NJ, 1993. xiv, 322 pp., illus. \$39.50. A Council on Foreign Relations Book.

**Environmental Change.** Andrew Goudie. 3rd ed. Clarendon (Oxford University Press), New York, 1992. xx, 329 pp., illus. \$55; paper, \$23.

**Environmental Poisons in Our Food.** J. Gordon Millichap. PNB, Chicago, 1993. xiv, 271 pp. Paper, \$14.95.

**Freedom and Tenure in the Academy.** William W. Van Alstyne, Ed. Duke University Press, Durham, NC, 1993. xiv, 429 pp. \$39.95. Augmented version of *Law and Contemporary Problems*, vol. 53, no. 3 (1990).

**From Kostenki to Clovis.** Upper Paleolithic-Paleo-Indian Adaptations. Olga Soffer and N. D. Praslov, Eds. Plenum, New York, 1993. xx, 334 pp., illus. \$49.50. Interdisciplinary Contributions to Archaeology.

**From Sails to Satellites.** The Origin and Development of Navigational Science. J. E. D. Williams. Oxford University Press, New York, 1992. x, 310 pp., illus. \$35.

**History of International Broadcasting.** James Wood. Peregrinus, Stevenage, Herts., U.K., 1992 (U.S. distributor, IEEE Service Center, Piscataway, NJ). xx, 258 pp., illus. \$59. IEE History of Technology Series, 19.

**Human Biology in Papua New Guinea.** The Small Cosmos. Robert D. Attenborough and Michael P. Alpers, Eds. Clarendon (Oxford University Press), New York, 1992. xiv, 427 pp., illus. \$98. Research Monographs on Human Population Biology, 10.

**Inverse Problems in Scattering and Imaging.** M. Bertero and E. R. Pike, Eds. Hilger, Philadelphia, 1992 (distributor, American Institute of Physics, New York). xii, 426 pp., illus. \$100. Malvern Physics Series. From a workshop, Cape Cod, MA, April 1991.

**The Jepson Manual.** Higher Plants of California. James C. Hickman, Ed. University of California Press, Berkeley, 1993. xviii, 1400 pp., illus. \$65.

**Mammal Species of the World.** A Taxonomic and Geographic Reference. Don E. Wilson and DeeAnn M. Reeder, Eds. 2nd ed. Smithsonian Institution Press, Washington, DC, 1993. xviii, 1206 pp., illus. \$75.

**Mammalian Amino Acid Transport.** Mechanisms and Control. Michael S. Kilberg and Dieter Haussinger, Eds. Plenum, New York, 1992. x, 318 pp., illus. \$85. From a conference, Titisee, Germany, May 1990.

**Nuclear Magnetic Shieldings and Molecular Structure.** J. A. Tossell, Ed. Kluwer, Norwell, MA, 1993. xvi, 584 pp., illus. \$199. NATO Advanced Science Institutes Series C, vol. 386. From a workshop, College Park, MD, July 1992.

**Planets Around Pulsars.** J. A. Phillips, S. E. Thorsett, and S. R. Kulkarni, Eds. Astronomical Society of the Pacific, San Francisco, 1993. xvi, 391 pp., illus., \$40; to ASP members, \$36. ASP Conference Series,

vol. 36. From a conference, April 1992.

**Principles and Applications of Aquatic Chemistry.** François M. M. Morel and Janet G. Hering. Wiley, New York, 1993. xviii, 588 pp., illus. \$59.95. New edition of *Principles of Aquatic Chemistry*.

**Produced Water.** Technological/Environmental Issues and Solutions. James P. Ray and F. Rainer Engelhardt, Eds. Plenum, New York, 1992. xvi, 616 pp., illus. \$129.50. Environmental Science Research, vol. 46. From a symposium, San Diego, CA, Feb. 1992.

**Program Verification.** Fundamental Issues in Computer Science. Timothy R. Colburn, James H. Fetzer, and Terry L. Rankin, Eds. Kluwer, Norwell, MA, 1993. xiv, 457 pp., illus. \$205. Studies in Cognitive Systems, vol. 14.

**Pursuing Parenthood.** Ethical Issues in Assisted Reproduction. Paul Lauritzen. Indiana University Press, Bloomington, 1993. xxii, 167 pp. \$19.95. Medical Ethics Series.

**RNA Methodologies.** A Laboratory Guide for Isolation and Characterization. Robert E. Farrell, Jr. Academic Press, San Diego, CA, 1993. xiv, 317 pp., illus. Spiral bound, \$49.95.

**Robotic Telescopes in the 1990s.** Alexei V. Filippenko, Ed. Astronomical Society of the Pacific, San Francisco, 1992. xvi, 367 pp., illus. \$40; to ASP members, \$36. ASP Conference Series, vol. 34. From a symposium, Laramie, Wyoming, June 1991.

**Robotics.** The Marriage of Computers and Machines. Ellen Thro. Facts on File, New York, 1993. viii, 119 pp., illus. \$17.95. Facts on File Science Sourcebooks.

**The Sputnik Challenge.** Robert A. Divine. Oxford University Press, New York, 1993. xviii, 245 pp. \$25.

**Star Formation in Stellar Systems.** G. Tenorio-Tagle, M. Prieto, and F. Sánchez, Eds. Cambridge University Press, New York, 1992. xiv, 573 pp., illus. \$69.95. From a school, Tenerife, Spain, Dec. 1991.

**Stochastic Equations in Infinite Dimensions.** Giuseppe Da Prato and Jerzy Zabczyk. Cambridge University Press, New York, 1992. xviii, 454 pp. \$89.95. Encyclopedia of Mathematics and Its Applications, 44.

**Stress Regimes in the Lithosphere.** Terry Engelder. Princeton University Press, Princeton, NJ, 1993. xvi, 457 pp., illus. \$75.

**Studies of Supply and Demand in Higher Education.** Charles T. Clotfelter and Michael Rothschild, Eds. University of Chicago Press, Chicago, 1993. x, 294 pp., illus. \$45. National Bureau of Economic Research Project Report. From a conference, Williamsburg, VA, May 1991.

**Sulphones in Organic Synthesis.** N. S. Simpkins. Pergamon, Tarrytown, NY, 1993. xii, 381 pp., illus. \$99; paper, \$54. Tetrahedron Organic Chemistry Series, vol. 10.

## Vignettes: Success

It is never wise to seek prominence in a field whose routine chores do not interest you.

—Eugene Wigner, in *The Recollections of Eugene Wigner, as Told to Andrew Szanton* (Plenum)

For those propelled on the Wheel of Fortune, heady pursuits like thinking have become a casualty of the time crunch.

—Lee Burns, in *Busy Bodies: Why Our Time-Obsessed Society Keeps Us Running in Place* (Norton)

Man has mounted science and is now run away with.

—Henry Adams, 1852, as quoted by Ian Inkster in *Science and Technology in History* (Rutgers University Press)