

lineated. Nevertheless, we need more. The challenge is that there cannot be a general theory of fitness, like Newtonian physics, that applies to all organisms in all populations, because there is no overall property that is maximized by evolution. Attempts at such a theory, for example ones based on entropy, have uniformly failed in providing the needed general framework. Does this mean there can be no general theory or framework? I think not. Therein lies the task for ecological genetics, the science of fitness.

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## Reprints of Books Previously Reviewed

**Animal Minds.** Donald R. Griffin. University of Chicago Press, Chicago, 1994. Paper, \$12.95 or £10.25. *Reviewed* **258**, 830 (1992).

**Linnaeus.** The Man and His Work. Tore Frängsmyr, Ed. Science History Publications/U.S.A. (Watson), Nantucket, MA, 1994. Paper, \$14.95. *Reviewed* **221**, 49 (1983).

**Longevity, Senescence, and the Genome.** Caleb E. Finch. University of Chicago Press, Chicago, 1994. Paper, \$45 or £35.95. *Reviewed* **252**, 1864 (1991).

## Books Received

**Aerodynamics, Aeronautics, and Flight Mechanics.** 2nd ed. Barnes W. McCormick. Wiley, New York, 1994. xii, 652 pp., illus. \$84.95.

**Breaking the Thread of Life.** On Rational Suicide. Robert L. Barry. Transaction, New Brunswick, NJ, 1994. xxii, 353 pp. \$34.95.

**Case Studies in Biometry.** Nicholas Lange *et al.*, Eds. Wiley, New York, 1994. xxii, 496 pp., illus. + diskette. \$59.95; paper, \$29.95. Wiley Series in Probability and Mathematical Sciences.

**Diode Laser Arrays.** Dan Botez and Don R. Scifres, Eds. Cambridge University Press, New York, 1994. xvi, 448 pp., illus. \$100. Cambridge Series in Modern Optics, vol. 14.

**Energy Needs in the Year 2000.** Ethical and Environmental Perspectives. William R. Shea, Ed. Watson, Canton, MA, 1994. xviii, 222 pp., illus. Paper, \$16.95. From a conference, Montreal, May 1993.

**Field Days.** Journal of an Itinerant Biologist. Roger B. Swain. Lyons and Burford, New York, 1994. vi, 217 pp. Paper, \$12.95. Reprint, 1983 ed.

**Gifted IQ.** Early Developmental Aspects. Allen W. Gottfried *et al.* Plenum, New York, 1994. xii, 207 pp. \$34.50. The Fullerton Longitudinal Study.

**Human Facial Expression.** An Evolutionary View. Alan J. Fridlund. Academic Press, San Diego, CA, 1994. xiv, 369 pp., illus. \$59.

**In the Belgian Château.** The Spirit and Culture of a European Society in an Age of Change. Renée C. Fox. Dee, Chicago, 1994. xii, 339 pp., illus. \$28.50.

**Linking the Gaseous and Condensed Phases of Matter.** The Behavior of Slow Electrons. Loucas G. Christophorou, Eugen Illenberger, and Werner F. Schmidt, Eds. Plenum, New York, 1994. x, 596 pp., illus. \$139.50. NATO ASI Series B, vol. 326. From an institute, Patras, Greece, Sept. 1993.

**Marine Light Field Statistics.** Ronald E. Walker. Wiley, New York, 1994. xvi, 675 pp., illus. \$89.95. Wiley Series in Pure and Applied Optics.

**Nitroalkenes.** Conjugated Nitro Compounds. V. V. Perekalin *et al.*, Eds. Wiley, New York, 1994. xii, 256 pp. \$95.00.

**Perfumery.** Practice and Principles. Robert R. Calkin and J. Stephan Jellinek. Wiley, New York, 1994. xiv, 287 pp., illus. \$74.95.

**Permanent Magnet Materials and Their Application.** Peter Campbell. Cambridge University Press, New York, 1994. x, 207 pp., illus. \$49.95.

**The Road to Health Care Reform.** Designing a System That Works. Jeffrey C. Merrill. Plenum, New York, 1994. x, 313 pp. \$29.95.

**Seeds of Reflection.** Word Clusters for Meditation on the Infliction and the Relief of Suffering. R. G. H. Siu. International Society for Panetics, Washington, DC, 1994. vi, 335 pp. Paper, \$10. Panetics Trilogy, vol. 3.

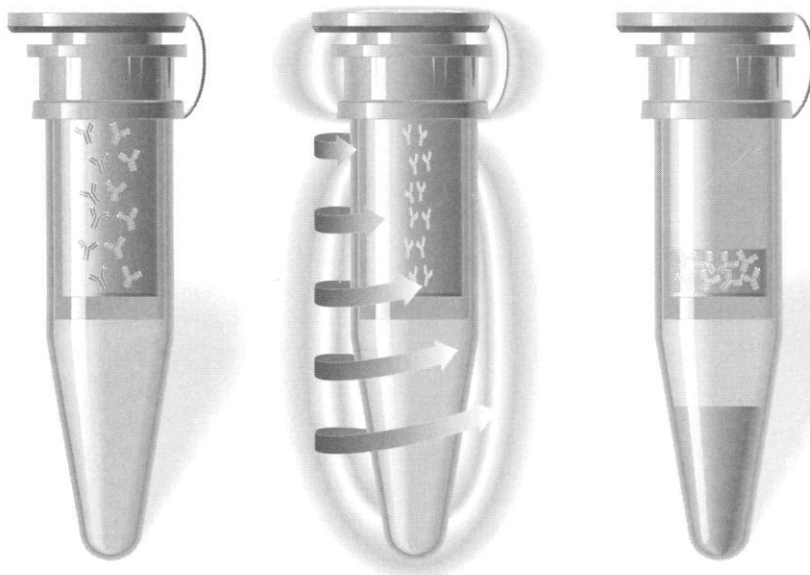
**Synchrotron Radiation in the Biosciences.** B. Chance *et al.*, Eds. Oxford University Press, New York, 1994. xxxii, 784 pp., illus. \$145. Based on a conference, Tsukuba, Japan.

**Taking Charge.** The Electric Automobile in America. Michael Brian Schiffer with Tamara C. Butts and Kimberly K. Grimm. Smithsonian Institution Press, Washington, DC, 1994. xiv, 225 pp., illus. \$24.

**World Atlas of Reconnaissance Satellite Images, 1: 1,000,000.** Vol. 32, Portugal, Spain, Italy, Yugoslavia, Albania, Greece, Turkey, C. I. S., Iran, People's Republic of China, North Korea, Japan, U. S. A. P. Lof, Ed. Copernican Science Press, Amstelveen, The Netherlands, 1994. iv, 145 pp. \$300.

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