

Bibliography

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Chapter 1

- Achinstein, P. 1983. *The Concept of Evidence*. New York: Oxford Univ. Press.
- Beauchamp, T.L., and L. Walters, editors. 1978. *Contemporary Issues in Bioethics*. Belmont, CA: Wadsworth.
- Bigelow, J., and R. Pargetter. 1990. *Science and Necessity*. New York: Cambridge University Press.
- Boyce, W.D., and L.C. Jensen. 1978. *Moral Reasoning: A Psychological-Philosophical Integration*. Lincoln NB: Univ. of Nebraska Press.
- Brody, B.A., and R.E. Grandy, editors. 1989. *Readings in the Philosophy of Science*, 2nd ed. Englewood Cliffs, NJ: Prentice Hall.
- Cann, R.L., M. Stoneking, and A.C. Wilson. 1987. Mitochondrial DNA and human evolution. *Nature*, 325: 31–36.
- Carson, G. 1972. *Men, Beasts, and Gods: A History of Cruelty and Kindness to Animals*. New York: Charles Scribner's Sons.
- Cohen, C. 1986. The case for the use of animals in biomedical research. *New Eng. J. Med.*, 315: 865–870.
- Copp, D., and D. Zimmerman, editors. 1984. *Morality, Reason, and Truth*. Totowa, NJ: Rowman & Allanheld.
- Cushing, J.T., C.F. Delaney, and G.M. Gutting, editors. 1984. *Science and Reality: Recent Work in the Philosophy of Science*. Notre Dame, IN: University of Notre Dame Press.
- Davis, B.D., editor. 1991. *The Genetic Revolution*. Baltimore: Johns Hopkins Univ. Press.
- Dawkins, M.S. [1991.] *Ethics in Research on Animal Behaviour*. [London:] Academic Press.
- Depew, D.J., and B.H. Weber, editors. 1985. *Evolution at a Crossroads: The New Biology and the New Philosophy of Science*. Cambridge, MA: MIT Press.
- Doyal, L. 1986. *Empiricism, Explanation, and Rationality*. London: Routledge & K. Paul.
- Earman, J., editor. 1983. *Testing Scientific Theories*. Minneapolis: University of Minnesota Press.
- Edel, M., and A. Edel. 1959. *Anthropology and Ethics*. Springfield, IL: Charles C. Thomas.
- Fox, M.W. 1986a. *The Case for Animal Experimentation: An Evolutionary and Ethical Perspective*. Berkeley, CA: University of California Press.
- Fox, M.W. 1986b. *Returning to Eden: Animal Rights and Human Responsibility*. Malabar, FL: Robert E. Krieger.
- Fuller, S. 1993. *Philosophy of Science and its Discontents*, 2nd ed. New York: Guilford Press.
- Gutting, G. 1980. *Paradigms and Revolutions: Appraisals and Applications of Thomas Kuhn's Philosophy of Science*. Notre Dame, IN: University of Notre Dame Press.
- Haan, N., E. Aerts, and B.A.B. Cooper. 1985. *On Moral Grounds: The Search for Practical Morality*. New York: New York University Press.
- Haber, J.G., editor. 1994. *Absolutism and its Consequentialist Critics*. Lanham, MD: Rowman and Littlefield.
- Hacking, I. 1981. *Scientific Revolutions*. New York: Oxford University Press.
- Hardin, R. 1988. *Morality within the Limits of Reason*. Chicago: Univ. of Chicago Press.
- Hargrove, E.C., editor. 1992. *The Animal Rights/ Environmental Ethics Debate*. Albany, NY: State University of New York Press.
- Harre, R. 1985. *The Philosophies of Science*. New York: Oxford University Press.
- Hesse, M.B. 1980. *Revolutions and Reconstructions in the Philosophy of Science*. Bloomington, IN: Indiana Univ. Press.
- Hull, D. L. 1988. *Science as a process: an evolutionary account of the social and conceptual development of science*. Chicago: University of Chicago Press.
- Kagan, S. 1989. *The Limits of Morality*. Oxford, UK: Clarendon Press.
- Kitcher, P., and W.C. Salmon, editors. 1989. *Scientific Explanation*. Minneapolis: University of Minnesota Press.

Bibliography

- Kuhn, T.S. 1970. *The Structure of Scientific Revolutions*, 2nd ed. Chicago: University of Chicago Press.
- Ladd, J. 1973. *Ethical Relativism*. Belmont CA: Wadsworth.
- Laudan, L. 1984. *Science and Values: The Aims of Science and their Role in Scientific Debate*.
- Lederberg, J., and E.L. Lederberg. 1952. Replica plating and indirect selection of bacterial mutants. *J. Bacteriol.*, 63: 399–406.
- Mappes, T.A., and J.S. Zembaty. 1992. *Social Ethics. Morality and Social Policy*, 4th ed. New York: McGraw-Hill.
- Mendelsohn, E., and Y. Elkana. 1981. *Sciences and Cultures: Anthropological and Historical Studies of the Sciences*. Dordrecht, Holland: D. Reidel.
- Merton, R.K. 1970. *Science, Technology, and Society in Seventeenth Century England*. New York: H. Fertig.
- Miller, H.B., and W.H. Williams, editors. 1983. *Ethics and Animals*. Clifton, NJ: Humana Press.
- Moore, J.A. 1993. *Science as a Way of Knowing: The Foundations of Modern Biology*. Cambridge, Mass.: Harvard University Press.
- Nagel, E. 1961. *The Structure of Science*. New York: Harcourt, Brace, & World.
- Newkirk, I. 1990. *Save the Animals! 101 Easy Things You Can Do*. New York: Warner Books.
- Newkirk, I. 1992. *Free the Animals! The Untold Story of the U.S. Animal Liberation Front and its Founder, "Valerie."* Chicago: Noble Press.
- Nitecki, M.H., and D.V. Nitecki. 1992. *History and Evolution*. Albany, NY: State University of New York Press.
- Phillips, M.T., and J.A. Sechzer. 1989. *Animal Research and Ethical Conflict*. New York: Springer-Verlag.
- Popper, K.R. 1959. *The Logic of Scientific Discovery*. New York: Basic Books.
- Preece, R., and L. Chamberlain. 1993. *Animal Welfare and Human Values*. Waterloo, Ont.: Wilfrid Laurier University Press.
- Purtillo, R. 1999. *Ethical Dimensions in the Health Professions*, 3rd ed. Philadelphia, W.B. Saunders.
- Rawls, J. 1972. *A Theory of Justice*. Cambridge, MA: Belknap Press, Harvard University Press.
- Regan, T. 1982. *All that Dwell Therein. Animal Rights and Environmental Ethics*. Berkeley: University of California Press.
- Regan, T. 1983. *The Case for Animal Rights*. Berkeley, CA: University of California Press.
- Regan, T., and P. Singer. 1976. *Animal Rights and Human Obligations*. Englewood Cliffs, NJ: Prentice-Hall.
- Rodd, R. 1990. *Biology, Ethics, and Animals*. Oxford: Clarendon Press.
- Rollin, B.E. 1989. *The Unheeded Cry. Animal Consciousness, Animal Pain, and Science*. New York: Oxford University Press.
- Rollin, B.E. 1992. *Animal Rights and Human Morality*, revised ed. Buffalo, NY: Prometheus Books.
- Ryder, R.D. 1989. *Animal Revolution*. Oxford, UK: Basil Blackwell.
- Scheffler, S., editor. 1988. *Consequentialism and its critics*. Oxford, UK: Oxford University Press.
- Simon, H.A. 1977. *Models of Discovery and Other Topics in the Methods of Science*. Boston: D. Reidel.
- Simpson, G.G. 1980. *Why and How: Some Problems and Methods in Historical Biology*. New York: Pergamon Press.
- Singer, P. 1975. *Animal Liberation: A New Ethics for Our Treatment of Animals*. New York: Random House.
- Singer, P., editor. 1985. *In Defense of Animals*. New York: Basil Blackwell.
- Singer, P., editor. 1991. *A Companion to Ethics*. Cambridge, MA: Basil Blackwell.
- Sterba, J.S., editor. 1994. *Morality in Practice*, 4th ed. Belmont, CA: Wadsworth Publishing Co.
- U.S. Congress, Office of Technology Assessment. 1993. *Biomedical Ethics in U.S. Public Policy Background Paper, OTA-BR-BBS-105*. Washington DC: U.S. Government Printing Office.
- Watson, J.D. 1968. *The Double Helix*. New York: Atheneum.
- Williams, J., editor. 1991. *Animal Rights and Welfare*. New York: H.W. Wilson.

Chapter 2

- Bishop, J.E., and M. Waldholz. 1990. *Genome*. New York: Simon and Schuster.
- Edlin, G. 1990. *Human Genetics, A Modern Synthesis*. Boston: Jones and Bartlett.
- Fausto-Sterling, A. 2000. *Sexing the Body: Gender Politics and the Construction of Sexuality*. New York: Basic Books/Perseus.
- Koopman, P. 2001. The genetics and biology of vertebrate sex determination. *Cell* 105: 843–847.
- Levitan. M. 1988. *Textbook of Human Genetics*, 3rd ed. New York: Oxford Univ. Press.
- Sayre, A. 1975. *Rosalind Franklin and DNA*. New York: W. W. Norton.
- Singer, M., and P. Berg. 1991. *Genes and Genomes. A Changing Perspective*. Mill Valley, CA: University Science Books.
- Stern, C., and E.R. Sherwood, editors. 1966. *The Origin of Genetics; a Mendel Source Book*. San Francisco: W.H. Freeman.
- Stratham, P. 1999. *Crick, Watson, and DNA*. New York: Anchor Books.
- Watson, J.D. 1968. *The Double Helix*. New York: Atheneum.

Chapter 3

- Anderlik, M.R., and M.A. Rothstein. 2001. Privacy and confidentiality of genetic information: what rules for the new science? *Ann. Rev. Genomics Human Genetics* 2: 401–433.
- Beardsley, T. 1997. China syndrome. *Scientific American* March, 1997: 33–34.
- Botstein, D., et al. 1980. Construction of a genetic linkage map in man using restriction fragment polymorphisms. *Amer. J. Human Genet.*, 32: 314–331.
- Bussey, H. 1996. Chain of being. *The Sciences*, March/April 1996, pp. 28–33.
- Coen, E. 1999. *The Art of Genes: How Organisms Make Themselves*. New York: Oxford University Press.
- Cooper, D.N. 1999. *Human Gene Evolution*. Oxford: BIOS Scientific Publishers.
- Cox, G.A., et al. 1993. Overexpression of dystrophin in transgenic mdx mice eliminates dystrophic symptoms without toxicity. *Nature*, 364: 725–729.

Bibliography

- D'Alton, M.E., and A.H. DeCherney. 1993. Prenatal diagnosis. *New Eng. J. Med.*, 328: 114–120.
- Davis, B.D., editor. 1991. *The Genetic Revolution*. Baltimore: Johns Hopkins Univ. Press.
- Edlin, G. 1990. *Human Genetics, A Modern Synthesis*. Boston: Jones and Bartlett.
- Gelehrter, T.D. 1990. *Principles of Medical Genetics*. Baltimore: Williams and Wilkins.
- Gillham, N.W. 2001. A life of Sir Francis Galton: From African exploration to the birth of eugenics. Oxford: Oxford University Press.
- Guggino, W.B. 1999. Cystic fibrosis and the salt controversy. *Cell* 96: 607–610.
- Gould, S.J. 1981. *The Mismeasure of Man*. New York: W. W. Norton.
- Gusella, J.F., et al. 1983. A polymorphic DNA marker genetically linked to Huntington's disease. *Nature*, 306: 234–238.
- Haller, M.H. 1963. *Eugenics: Hereditarian Attitudes in American Thought*. New Brunswick, NJ: Rutgers University Press.
- Holtzman, N.A. 1989. *Proceed with Caution*. Baltimore: Johns Hopkins Press.
- Hubbard, R., and E. Wald. 1993. *Exploding the gene myth*. Boston: Deacon Press.
- Jordan, I. K. 1991. Ethical issues in the genetic study of deafness. In, *Genetics of Hearing Impairment*; R. J. Ruben, T. R. van de Water, and K. P. Steel, eds., *Ann. N.Y. Acad. Sci.*, 630: 236–239.
- Kamin, L.J. 1974. *The Science and Politics of IQ*. Potomac, MD: L. Erlbaum Associates.
- Kerr, A., and T. Shakespeare. 2002. *Genetic Politics: From Eugenics to Genome*. Cheltenham, England: New Clarion Press.
- Levy, H.L., and S. Albers. 2000. Genetic screening of newborns. *Ann. Rev. Genomics Human Genetics* 1: 139–177.
- Lewin, B. 1999. *Genes VII*. New York: Oxford University Press.
- Lewontin, R.C., S. Rose, and L.J. Kamin. 1984. *Not in Our Genes*. New York: Pantheon Books.
- Lusher, J.M., et al. 1993. Recombinant factor VIII for the treatment of previously untreated patients with hemophilia A. *New Eng. J. Med.*, 328: 453–459. Marx, J.L. 1989. The cystic fibrosis gene is found. *Science*, 245: 923–925.
- Maltbie, P.I. 1995. Canary in a coal mine. *New Mobility* Mar./Apr. 1995: 15.
- Marx, J.L. 1989. The cystic fibrosis gene is found. *Science*, 245: 923–925.
- Muller, H.J. 1961. Human evolution by voluntary choice of germ plasm. *Science*, 134: 643–649.
- Muller, H.J. 1965. Means and aims in human genetic development. In T.M. Sonneborn, editor, *The Control of Human Heredity and Evolution*. New York: Macmillan, pp. 100–122.
- Pierce, B.A. 1990. *The Family Genetic Sourcebook*. New York: Wiley.
- Ridley, M. 1993. A boy or a girl? Is it possible to load the dice? *Smithsonian* (June, 1993): 113–123.
- Rosatelli, M.C. et al. 1992. Molecular screening and fetal diagnosis of beta-thalassemia in the Italian population. *Human Genet.*, 89: 585–589.
- Samara, G., et al. 1993. Molecular biology and therapy of disease. *Am. J. Surgery*, 165: 720–727.
- Saxton, M. 1988. Prenatal screening and discriminatory attitudes about disability. Haworth Press, pp. 217–224.
- Shreeve, J. 1999. Secrets of the gene. *Nat. Geographic* Oct. 1999: 42–75.
- Singer, M., and P. Berg. 1991. *Genes and Genomes. A Changing Perspective*. Mill Valley, CA: University Science Books.
- Stratham, P. 1999. Crick, Watson, and DNA. New York: Anchor Books.
- Sudbery, P. 2002. *Human Molecular Genetics*, 2nd ed. Harlow, England: Pearson Education Limited.
- Sutherland, G.R and R.I. Richards. 1994. Dynamic mutations. *American Scientist* March–April 1994: 157–163.
- Suzuki, D., and P. Knudtson. 1989. *Genethics: The Clash Between the New Genetics and Human Values*. Cambridge, MA: Harvard University Press.
- Tudge, C. 2001. *The Impact of the Gene: From Mendel's Peas to Designer Babies*. New York: Hill and Wang.
- Vogel, F., and A.G. Motulsky. 1986. *Human Genetics: Problems and Approaches*, 2nd ed. Berlin: Springer-Verlag.
- Watson, J.D., et al. 1992. *Recombinant DNA*, 2nd ed. New York: W.H. Freeman.
- Watson, J.D. 2000. *A Passion for DNA: Genes, Genomes, and Society*. Cold Spring Harbor, NY: Cold Spring Harbor Laboratory Press.
- Wilfond, B.S., and N. Frost. 1990. The cystic fibrosis gene: medical and social implications for heterozygote detection. *J.A.M.A.*, 263:2777–2783.

Chapter 4

- Aldhous, P. 1992. Gene therapy. Britain gives the green light. *Nature*, 355: 190.
- Anderlik, M.R., and M.A. Rothstein. 2001. Privacy and confidentiality of genetic information: what rules for the new science? *Ann. Rev. Genomics Human Genetics* 2: 401–433.
- Anderson, W.F. 1992. Human gene therapy. *Science*, 256: 808–813.
- Bilger, B. 2000. Genetic countdown: Biologists take a crucial step toward synthesizing life. *The Sciences* March/April p. 9.
- Bishop, J.E., and M. Waldholz. 1990. *Genome*. New York: Simon and Schuster.
- Bory, C., et al. 1991. Effect of polyethylene glycol-modified adenosine deaminase (PEG-ADA) therapy in two ADA-deficient children: measurement of erythrocyte deoxyadenosine triphosphate as a useful tool. *Adv. Exp. Med. Biol.*, 309A: 173–176.
- Botstein, D., et al. 1980. Construction of a genetic linkage map in man using restriction fragment polymorphisms. *Amer. J. Human Genet.*, 32: 314–331.
- Brown, T.A. 1999. *Genomes*. New York: Wiley-Liss.
- Bussey, H. 1996. Chain of being. *The Sciences*, March/April 1996, pp. 28–33.
- Cook-Deegan, R. 2001. Hype and hope. *Amer. Scientist* 89: 62–86.
- Cooper, D.N. 1999. *Human Gene Evolution*. Oxford: BIOS Scientific Publishers.
- Dawkins, R. 1998. Arresting evidence. *The Sciences* Nov./Dec. 1998: 20–25.
- Edwards, D.D. 2001. Designing better viral vectors, expanding gene therapy's potential. *ASM News* 67: 625–631.

Bibliography

- Ferrari, G., et al. 1992. Transfer of the ADA gene into human ADA-deficient T lymphocytes reconstitutes specific immune functions. *Blood*, 80: 1120–1124.
- Foster, E.A., et al. 1998. Jefferson fathered slave's last child. *Nature* 396: 27–28.
- George, K.H. 1996. DNA profiling: What should the jury be told? *J. N.I.H. Res.* 8: 24–26.
- Gibson, G., and S.V. Muse. 2002. A Primer of Genome Science. Sunderland, MA: Sinauer Associates.
- Grompe, M., et al. 1991. Gene therapy in man & mice: adenosine deaminase deficiency, ornithine transcarbamylase deficiency, and Duchenne muscular dystrophy. *Adv. Exp. Med. Biol.*, 309B: 51–56.
- Hawley, R.S., and C. Mori. 1999. The Human Genome: A User's Guide. San Diego, CA: Academic Press.
- Holtzman, N.A. 1989. Proceed with Caution. Baltimore: Johns Hopkins Press.
- Hopkin, K. 1997. Too much information? Making sense of genome sequencing. *J. N.I.H. Research* 9: 23–27.
- Jegalian, K. 1999. The gene factory. *Tech. Rev.* March/April 1999: 64–68.
- Kmiec, E.B. 1999. Gene Therapy. *Amer. Sci.* 87: 240–247.
- Kohane, J.S., A.T. Kho, and A.J. Butte. 2003. Microarrays For an Integrative Genomics. Cambridge, MA: MIT Press.
- Krane, D.E., and M.L. Raymer. 2003. Fundamental Concepts of Bioinformatics. San Francisco: Benjamin Cummings.
- Krawetz, S.A., and D.D. Womble. 2003. Introduction to Bioinformatics: a Theoretical and Practical Approach. Towata, NJ: Humana Press.
- McKusick, V.A. 1989. Mapping and sequencing the human genome. *New Eng. J. Med.*, 320: 910–915.
- Micklos, G.L.G. and G.R. Rubin. 1996. The role of the genome project in determining gene function: Insights from model organisms. *Cell* 86: 521–529.
- Miller, H.I. 2000. Gene therapy's trials and tribulations. *The Scientist* Feb. 17, 2000: 16.
- Mount, D.W. 2001. Bioinformatics: Sequence and Genome Analysis. Cold Spring Harbor, NY: Cold Spring Harbor Laboratory Press.
- Nash, M.J. 2000. The bad and the good: fresh doubts are cast on a troubled gene-therapy treatment even as the French hint at new advances. *Time* Feb. 14, 2000: 67.
- O'Brochta, D.A. and Atkinson, P.W. 1998. Building the better bug. *Sci. American* Dec. 1998: 90–95.
- Percus, J.K. 2002. Mathematics of Genome Analysis. New York: Cambridge University Press.
- Rangel, P., and J. Giovannetti. 2002. Genomes and Databases on the Internet. Wymondham, England: Horizon Scientific Press.
- Ridley, Matt. 1999. Genome. New York: Perennial Press, Harper-Collins.
- Roberts, L. 1987. Who owns the human genome? *Science*, 237: 358–361.
- Rothman, S. 2002. Lessons from the Living Cell: The Limits of Reductionism. New York: McGraw-Hill.
- Samara, G., et al. 1993. Molecular biology and therapy of disease. *Am. J. Surgery*, 165: 720–727.
- Shreeve, J. 1999. Secrets of the gene. *Nat. Geographic* Oct. 1999: 42–75.
- Strachan, T. 1992. The Human Genome. Oxford, England: BIOS Scientific Publishers.
- Singer, M., and P. Berg. 1991. Genes and Genomes. A Changing Perspective. Mill Valley, CA: University Science Books.
- Sullenger, B.A. 1997. Gene therapy's next wave: Messenger RNA repair. *J. N.I.H. Research* 9: 37–40.
- United States, House of Representatives, Committee on Energy and Commerce. 1988. OTA Report on the Human Genome Project. Washington, DC: U.S. Government Printing Office.
- Watson, J.D. 1990. [Statement to Congress.] In *The Human Genome Project*. Hearing before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, U. S. Senate, 101st Congress, 2nd session, S. Hrg. 101–894.
- Watson, J.D., et al. 1992. Recombinant DNA, 2nd ed. New York: W.H. Freeman.
- Watson, J.D. 2000. A Passion for DNA: Genes, Genomes, and Society. Plainview, N.Y.: Cold Spring Harbor Laboratory Press.
- Wolffe, A.P. 1995. Genetic effects of DNA packaging. *Sci. Amer. Sci. Med.* Nov./Dec. 1995: 68–77.
- Yudell, M., and R. DeSalle. 2002. The Genomic Revolution: Unveiling the Unity of Life. Washington, D.C.: Joseph Henry Press.
- Zweiger, G. 2001. Transducing the Genome: Information, Anarchy, and Revolution in the Biomedical Sciences. New York: McGraw-Hill.

Chapter 5

- Alters, B.J., and S.M. Alters. 2001. Defending Evolution in the Classroom: A Guide to the Creation/Evolution Controversy. Sudbury, MA: Jones & Bartlett.
- Andersson, M. 1994. Sexual Selection. Princeton, NJ: Princeton University Press.
- Antolin, M.F., and J.M. Herbers. 2001. Evolution's struggle for existence in America's public schools. *Evolution* 55: 2379–2388.
- Bell, G. 1997. Selection: The Mechanism of Evolution. New York: Chapman and Hall.
- Bowler, P.J. 1989. Evolution: The History of an Idea, revised ed. Berkeley, CA: Univ. of California Press.
- Bowler, P.J. 1990. Charles Darwin: The Man and his Influence. Oxford, UK: Blackwell.
- Briggs, D., and S.M. Walters. 1984. Plant Variation and Evolution. Cambridge: Cambridge Univ. Press.
- Cook, L.M. 2000. Changing views on melanic moths. *Biol. J. Linnean Soc.* 69: 431–441.
- Darwin, C.R. 1859. On the Origin of Species by Means of Natural Selection, or the Preservation of the Favoured Races in the Struggle for Life. London: John Murray.
- Darwin, C.R. 1871. The Descent of Man, and Selection in Relation to Sex. 2 vols. London: John Murray.
- Darwin, C.R. 1992. The Darwin CD-ROM. San Francisco: Lightbinders.
- Dawkins, R. 1986. The Blind Watchmaker. New York: W.W. Norton.
- Dawkins, R. 1989. The Selfish Gene. New York: Oxford Univ. Press.

Bibliography

- De Duve, C. 1995. The beginnings of life on earth. *Am. Sci.* 83: 428–437.
- Desmond, A.J., and J. Moore. 1992. *Darwin*. New York: Warner Books.
- Dobzhansky, Th. 1970. *Genetics of the Evolutionary Process*. New York: Columbia University Press.
- Dobzhansky, Th. 1973. Nothing in biology makes sense except in the light of evolution. *Amer. Biology Teacher* 35: 125–129.
- Eldredge, N. 1982. *The Monkey Business: A Scientist Looks at Creationism*. New York: Washington Square Press.
- Eldredge, N. 2000. *The Triumph of Evolution and the Failure of Creationism*. New York: W.H. Freeman.
- Eldredge, N., and S.J. Gould. 1972. Punctuated equilibrium, an alternative to phyletic gradualism. In Schopf, T.J.M., editor, *Models in Paleobiology*, pp. 82–115. San Francisco, Freeman Cooper.
- Futuyma, D.J. 1997. *Evolutionary Biology*, 3rd ed. Sunderland, MA: Sinauer Associates.
- Giberson, K. 2002. *Species of Origins: America's Search for a Creation Story*. Lanham, MD: Rowman & Littlefield.
- Gilkey, L.B. 1985. *Creationism on Trial: Evolution and God at Little Rock*. Minneapolis, MN: Winston Press.
- Gish, D.T. 1978. *Evolution: The Fossils Say No!* San Diego, CA: Creation-Life Publishers.
- Gould, S.J. 1999. *Rocks of Ages: Science and Religion in the Fullness of Life*. New York: Ballantine Pub. Group.
- Gould, S.J. 2002. *The Structure of Evolutionary Theory*. Cambridge, MA: Belknap Press, Harvard University Press.
- Grant, P.R. 1986 (reprinted 1999). *Ecology and Evolution of Darwin's Finches*. Princeton, NJ: Princeton Univ. Press.
- Grant, P.R. 1991. Natural selection and Darwin's finches. *Scientific American* 265: 83–87.
- Irwin, D.E., S. Bensch, and T.D. Price. 2001. Speciation in a ring. *Nature* 409: 333–337.
- Kettlewell, H.B.D. 1973. *The evolution of Melanism*. Oxford, UK: Oxford University Press.
- Kitcher, P. 1982. *Abusing Science: The Case Against Creationism*. Cambridge, MA: MIT Press.
- Larson, E.J. 2003. *Trial and Error: The American Controversy over Creation and Evolution*, 3rd ed. New York: Oxford Univ. Press.
- Lewin, D.L. 1996. A field energized: A martian meteorite gives origins biologists new life. *J. N.I.H. Res.* 8: 45–50.
- Mayr, E. 1963. *Animal Species and Evolution*. Cambridge MA: Belknap Press, Harvard University Press.
- Mayr, E. 1991. *One Long Argument: Charles Darwin and the Genesis of Modern Evolutionary Thought*. Cambridge, MA: Harvard Univ. Press.
- Mayr, E., and P.D. Ashlock. 1991. *Principles of Systematic Zoology*. New York: McGraw-Hill.
- McGowan, C. 1984. *In The Beginning: A Scientist Shows Why the Creationists are Wrong*. Buffalo NY: Prometheus Books.
- Minkoff, E.C. 1987. *The Case for Evolution*. Great Neck NY: Todd & Honeywell.
- Minkoff, E.C. 1983. *Evolutionary Biology*. Reading MA: Addison Wesley.
- Moore, J.A. 2002. *From Genesis to Genetics: The Case of Evolution and Creationism*. Berkeley, CA: University of California Press.
- Morris, H.M., editor. 1974. *Scientific Creationism*. San Diego, CA: Creation-Life Publishers.
- Morris, H.M. 1987. *What is Creation Science?* El Cajon, CA: Master Books.
- National Academy of Sciences. 1984. *Science and Creationism*. Washington, DC: National Academy Press.
- National Academy of Sciences. 1999. *Science and Creationism: A View from the National Academy of Sciences*. Washington, DC: National Academy Press.
- Numbers, R.L. 1992. *The Creationists*. New York: A.A. Knopf.
- Oparin, A.I. 1938. *The Origin of Life*. Trans. by S. Morgulis. New York: Macmillan; reprinted 1953, New York: Dover.
- Ospovat, D. 1981. *The Development of Darwin's Theory*. Cambridge, UK: Cambridge University Press.
- Pennock, R.T. 1999. *Tower of Babel: The Evidence Against the New Creationism*. Cambridge, MA: MIT Press.
- Pennock, R.T. 2001. *Intelligent Design Creationism and its Critics: Philosophical, Theological, and Scientific Perspectives*. Cambridge, MA: MIT Press.
- Pigliucci, M. 2002a. Defending evolution, as strange as it may seem. *Evolution* 56: 206.
- Pigliucci, M. 2002b. Denying evolution: Creation, Scienntism, and the Nature of Science. Sunderland, MA: Sinauer.
- Richards, R.J. 1992. *The Meaning of Evolution*. Chicago: University of Chicago Press.
- Ridley, M. 2004. *Evolution*, 3rd ed. Malden, MA: Blackwell Publishing.
- Ruse, M. 1979. *The Darwinian Revolution: Science Red in Tooth and Claw*. Chicago: University of Chicago Press.
- Ruse, M. 1982. *Darwinism Defended: A Guide to the Evolution Controversies*. Reading, MA: Addison Wesley.
- Schopf, J.W. 1974. *Paleobiology of the Precam*

Chapter 6

- Asfaw, B., et al. 1999. *Australopithecus garhi*, a new species of early hominid from Ethiopia. *Science* 284: 629–635.
- Benton, M.J. 2000. *Vertebrate Paleontology*, 2nd ed. Boston, MA: Blackwell Science.
- Brocks, J.J., et al. 1999. Archaeal molecular fossils and the early rise of eucaryotes. *Science* 285: 1033–1036.
- Brusca, R.C., and G.L. Brusca. 1990. *Invertebrates*. Sunderland, MA: Sinauer.
- Carroll, R.L. 1988. *Vertebrate Paleontology and Evolution*. New York: W.H. Freeman.
- Clarkson, E.N.K. 1998. *Invertebrate Paleontology and Evolution*, 4th ed. New York: Chapman and Hall.
- Colbert, E.H., M. Morales, and E.C. Minkoff. 2001. *Colbert's Evolution of the Vertebrates, a History of the Backboned Animals Through Time*. New York: Wiley-Liss.
- Felsenstein, J. 2003. *Inferring Phylogeny*. Sunderland, MA: Sinauer.
- Fenchel, T. 2002. *Origin and Early Evolution of Life*. New York: Oxford University Press.
- Holt, J.G., et al. 2000. *Bergey's Manual of Determinative Bacteriology*, 9th ed. Philadelphia: Lippincott Williams & Wilkins.
- Mayr, E., and P.D. Ashlock. 1991. *Principles of Systematic Zoology*, 2nd ed. New York: McGraw-Hill.

Bibliography

- Margulis, L. 1981. *Symbiosis in Cell Evolution: Life and its Environment on the Early Earth*. San Francisco: W.H. Freeman.
- Margulis, L., and D. Sagan. 2002. *Acquiring Genomes: A Theory of the Origins of Species*. New York: Basic Books.
- Nielsen, C. 1995. *Animal Evolution: Interrelationships of the Living Phyla*. New York: Oxford University Press.
- Pearson, L.C. 1995. *The Diversity and Evolution of Plants*. Boca Raton, FL: CRC Press.
- Raven, P.H., and S.E. Eichhorn. 1999. *Biology of Plants*, 6th ed. New York: W.H. Freeman, Worth Publishers.
- Simonetta, A.M., and S. Conway Morris. 1991. *The Early Evolution of Metazoa and the Significance of Problematic Taxa*. Cambridge, UK: Cambridge University Press.
- Wiley, E.O. 1981. *Phylogenetics. The Theory and Practice of Phylogenetic Systematics*. New York: Wiley.
- Willmer, P. 1990. *Invertebrate Relationships. Patterns in Animal Evolution*. Cambridge, UK: Cambridge University Press.
- Chapter 7**
- Barbujani, G., et al. 1997. An apportionment of human DNA diversity. *Proc. Natl. Acad. Sci. USA* 94: 4516–4519.
- Beutler, E. 1992. The molecular biology of G6PD variants and other red cell enzyme defects. *Ann. Rev. Medicine*, 43: 47–59.
- Billings, P.R. 1999. Iceland, blood and science. *Am. Sci.* 87: 199–200.
- Cann, R.L., M. Stoneking, and A.C. Wilson. 1987. Mitochondrial DNA and human evolution. *Nature*, 325: 31–36.
- Carrington, M. et al. 1999. HLA and HIV-1: heterozygote advantage and B*35-Cw*04 disadvantage. *Science* 283: 1748–1752.
- Cavalli-Sforza, L.L. 1995. *The Great Human Diasporas. The History of Diversity and Evolution*. Reading, MA: Addison-Wesley.
- Cavalli-Sforza, L.L. 2000. *Genes, Peoples, and Languages*. New York: North Point Press.
- Cavalli-Sforza, L.L., and W.F. Bodmer. 1971. *The Genetics of Human Populations*. San Francisco: W.H. Freeman.
- Cavalli-Sforza, L.L. et al. 1988. Reconstruction of human evolution: Bringing together genetic, archaeological, and linguistic data. *Proc. Natl. Acad. Sci.*, 85: 6002–6006.
- Chifu, Y., et al. 1992. Beta-thalassemia major resulting from a compound heterozygosity for the beta-globin gene mutation: further evidence of multiple origin and migration of the thalassemia gene. *Human Genet.*, 89(3): 343–346.
- Dickerson, R.E., and I. Geis. 1983. *Hemoglobin: Structure, Function, Evolution, and Pathology*. Menlo Park, CA: Benjamin/Cummings.
- Eanes, W.F. 1999. Analysis of selection on enzyme polymorphisms. *Ann. Rev. of Ecology & Systematics* 30: 301–326.
- Edelstein, S.J. 1986. *The Sickled Cell from Myths to Molecules*. Cambridge MA: Harvard Univ. Press.
- Herrnstein, R., and C. Murray. 1994. *The Bell Curve*. New York: Free Press.
- Hershkovitz, I., et al. 1991. Possible congenital hemolytic anemia in prehistoric coastal inhabitants of Israel. *Amer. J. Phys. Anth.*, 85: 7–13.
- Kay, A.C., et al. 1992. The origin of glucose-6-phosphate dehydrogenase (G6PD) polymorphism in African-Americans. *Amer. J. Human Genet.*, 50(2): 394–398.
- Kidson, C., et al. 1981. Ovalocytic erythrocytes from Melanesians are resistant to invasion by malaria parasites. *Proc. Nat. Acad. Sci.*, 78: 5829–5832.
- Kitundu, M.N., et al. 1991. Malaria and the sickle-cell gene in the Trambo district of Tanzania. *Hemoglobin*, 15(4): 341–343.
- Lillyquist, M.J. 1985. *Sunlight and Health*. New York: Dodd, Mead and Co.
- Livingstone, F.B. 1984. The Duffy blood groups, vivax malaria, and malaria selection: a review. *Human Biol.*, 56: 413–425.
- Livingstone, F.B. 1985. Frequencies of Hemoglobin Variants, Thalassemia, the Glucose-6-Phosphate Dehydrogenase Deficiency, G6PD Variants and Ovalocytosis in Human Populations. New York: Oxford Univ. Press.
- McKusick, V.A. 1983. *Mendelian Inheritance in Man*. Baltimore: Johns Hopkins University Press.
- Meindl, R.S. 1987. Hypothesis: a selective advantage for cystic fibrosis heterozygotes. *Amer. J. Phys. Anthro.*, 74: 39–45.
- Molnar, S. 1992. *Human Variation; Races, Types, and Ethnic Groups*, 3rd ed. Englewood Cliffs, NJ: Prentice Hall.
- Mukerjee, M. 1999. Out of Africa, into Asia. *Sci. Am.* Jan.:24.
- Papiha, S.S., et al. 1991. Population variation in molecular polymorphisms of the short arm of the human X chromosome. *Amer. J. Phys. Anth.*, 85: 329–334.
- Polednak, A.P. 1989. *Racial and Ethnic Differences in Disease*. New York: Oxford Univ. Press.
- Ramsay, M., and T. Jenkins. 1984. a-thalassemia in Africa: the oldest malaria protective trait? *Lancet*, 2: 410.
- Rao, V.R., et al. 1990. Sickle cell hemoglobin, beta-thalassemia, and G6PD deficiency in tribes of Maharashtra, India. *Gene Geography*, 4(3): 131–134.
- Rickards, O., et al. 1992. Genetic structure of the population of Sicily. *Amer. J. Phys. Anth.*, 87: 395–406.
- Roberts, D.F., and G.F. DeStefano, editors. 1986. *Genetic Variation and its Maintenance*. Cambridge, U.K.: Cambridge Univ. Press.
- Rosatelli, M.C. et al. 1992. Molecular screening and fetal diagnosis of beta-thalassemia in the Italian population. *Human Genet.*, 89: 585–589.
- Roth, E.F., et al. 1983. Glucose-6-phosphate dehydrogenase deficiency inhibits in vitro growth of *Plasmodium falciparum*. *Proc. Nat. Acad. Sci.*, 80(9): 298–299.
- Rowell, L.B. 1986. *Human Circulation Regulation During Physical Stress*. New York: Oxford Univ. Press.
- Saha, N., and J.S.H. Tay. 1992. Origin of the Koreans: a population genetic study. *Amer. J. Phys. Anth.*, 88: 27–36.
- Shanklin, E. 1994. *Anthropology and Race*. Belmont, CA: Wadsworth Publishing Co.
- Stine, O.C., et al. 1992. The evolution of two West African populations. *J. Molec. Evolution*, 34(4): 336–344.
- Tills, D., A.C. Kopec, and R.E. Tills. 1983. *The Distribution of the Human Blood Groups and Other Polymorphisms. Supplement I*. Oxford, U.K.: Oxford Univ. Press.
- UNESCO. 1961. *Race and Science*. New York: Columbia Univ. Press.
- Walter, H., H. Matsumoto, and G.F. DeStefano. 1991. Gm and Km allotypes in four Sardinian population samples. *Amer. J. Phys. Anth.*, 86: 45–50.
- Warren, K.S., and A.A.F. Mahmoud. 1984. *Tropical and Geographical Medicine*. New York: McGraw-Hill.

Bibliography

- Weatherall, D.J.. 1993. The treatment of thalassemia— slow progress and new dilemmas. *New Eng. J. Med.*, 329: 877–879.
- Weatherall, D.J., and J.B. Clegg. 1981. *The Thalassemia Syndromes*. Oxford, U.K.: Blackwell Scientific Publications.
- Williams, W.J., E. Beutler, A.J. Erslev, and M.A. Lichtman. 1990. *Hematology*, 4th ed. New York: McGraw-Hill.
- Wills, C. 2000. How we defend ourselves against infectious diseases. *ASM News* 66: 523–530.
- Winter, W.P., editor. 1986. *Hemoglobin Variants in Human Populations*, 2 vols. Boca Raton, FL: CRC Press.
- Wolpoff, M., and R. Caspary. 1997. *Race and Human Evolution*. New York: Simon and Schuster.
- Chapter 8**
- Alcock, J. 2001. *The Triumph of Sociobiology*. New York: Oxford Univ. Press.
- Alexander, R.D., and P.W. Sherman. 1977. Local mate competition and parental investment patterns in the social insects. *Science*, 196: 494–450.
- Axelrod, R., and W.D. Hamilton. 1981. The evolution of cooperation. *Science*, 211: 1390–1396.
- Boorman, S.A., and P.R. Levitt. 1980. *The Genetics of Altruism*. New York: Academic Press.
- Bradbury, J.W., and M.B. Andersson, editors. 1987. *Sexual Selection: Testing the Alternatives*. New York: John Wiley.
- Brown, D.E. 1991. *Human Universals*. Philadelphia: Temple University Press.
- Carson, R.A. and Rothstein, M.A., eds. 1999. *Behavioral genetics: The clash of culture and biology*. Baltimore, MD: Johns Hopkins University Press.
- Clutton-Brock, T.H., editor. 1988. *Reproductive Success*. Chicago: University of Chicago Press.
- Clutton-Brock, T.H. 1991. *The Evolution of Parental Care*. Princeton NJ: Princeton Univ. Press.
- Cronin, H. 1991. *The Ant and the Peacock. Altruism and Sexual Selection from Darwin to Today*. Cambridge, UK: Cambridge Univ. Press.
- Dahlberg, F., editor. 1981. *Woman the Gatherer*. New Haven: Yale Univ. Press.
- Daly, M., and M. Wilson. 1983. *Sex, Evolution, and Behavior*, 2nd ed. Belmont, CA: Wadsworth Publishing Co.
- Daly, M., and M. Wilson. 1999. *The Truth About Cinderella: A Darwinian View of Parental Love*. New Haven: Yale University Press.
- Dawkins, D. 1999. *The Selfish Gene*. New York: Oxford University Press.
- Devor, E.J., and C.R. Cloninger. 1989. Genetics of Alcoholism. *Annual Rev. Genetics*, 23: 19–36.
- DeWaal, F. 1996. *Good Natured: The Origins of Right and Wrong in Humans and Other Animals*. Cambridge, MA: Harvard Univ. Press.
- Drickamer, L.C., and S.H. Vessey. 1992. *Animal Behavior: Mechanisms, Ecology, and Evolution*. Dubuque, IA: Wm. C. Brown.
- Dugatkin, L.A. 1997. Cooperation Among animals: An Evolutionary Perspective. New York: Oxford University Press.
- Ehrenreich, Barbara. 2000. How “Natural” Is Rape? Despite a daffy new theory, it’s not just a guy in touch with his inner caveman. *Time Magazine* January 31, 2000 Vol. 155 No. 4.
- Eibl-Eibesfeldt, I. 1989. *Human Ethology*. New York: Aldine de Gruyter.
- Emlen, S.T., and L.W. Oring. 1977. Ecology, sexual selection, and the evolution of mating systems. *Science*, 197: 215–233.
- Erikson, E.H. 1980. *Identity and the Life Cycle*. New York: W.W. Norton.
- Gould, J.L., and C.G. Gould. 1989. *Sexual Selection*. New York: Scientific American Library.
- Griffin, D.R. 1992. *Animal Minds*. Chicago: Univ. of Chicago Press.
- Hamer, D.H., and P. Copeland. 1994. *The Science of Desire: The Search for the Gay Gene and the Biology of Behavior*. New Yoprk: Simon & Schuster.
- Hausfater, G., and S.B. Hrdy, editors. 1984. *Infanticide. Comparative and Evolutionary Perspectives*. New York: Aldine.
- Hayes, L.D. 2000. To nest communally or not to nest communally: a review of rodent communal nesting and nursing. *Animal Behaviour* 59: 1–12.
- Houck, L.D., and L.C. Drickamer, editors. 1996. *Foundations of Animal Behavior: Classic Papers With Commentaries*. Chicago: Univ. of Chicago Press.
- Hrdy, S.B. 1977. *The Langurs of Abu: Female and Male Strategies of Reproduction*. Cambridge MA: Harvard Univ. Press.
- Hrdy, S.B. 1981, 1999. *The Woman That Never Evolved*. Cambridge MA: Harvard Univ. Press.
- Hrdy, S.B. 1986. Empathy, polyandry, and the myth of the coy female. In R. Bleier, *Feminist Approaches to Science* (New York, Pergamon Press), pp. 119–146.
- Hrdy, S.B. 1999. *Mother Nature: A History of Mothers, Infants, and Natural Selection*. New York: Pantheon Books.
- Ito, Y., J. L. Brown, and J. Kikkawa. 1987. *Animal Societies. Theories and Facts*. Tokyo: Japan Scientific Societies Press.
- Keverne, E.B. 2002. Pheromones, vomeronasal function and gender-specific behavior. *Cell* 108: 735–738.
- Krebs, J.R., and N.B. Davies. 1991. *Behavioural Ecology: An Evolutionary Approach*. Oxford, UK: Blackwell Scientific.
- Lee, P.C. 1999. *Comparative Primate Socioecology*. Cambridge, UK: Cambridge University Press.
- Lee, R., and I. DeVore, editors. 1968. *Man the Hunter*. Chicago: Aldine.
- LeVay, S. 1993. *The Sexual Brain*. Cambridge, MA: MIT Press.
- Lewontin, R.C., S. Rose, and L.J. Kamin. 1984. *Not in Our Genes*. New York: Pantheon Books.
- Lorenz, K. 1966. *On Aggression*. New York: Harcourt, Brace & World.
- Lorenz, K. 1981. *The Foundations of Ethology*. New York: Springer-Verlag.
- Low, B.S. 2000. *Why Sex Matters: A Darwinian Look at Human Behavior*. Princeton, NJ: Princeton Univ. Press.
- Manning, A., and M.S. Dawkins. 1992. *An Introduction to Animal Behaviour*. Cambridge, UK: Cambridge Univ. Press.
- Manning, C.J., E.K. Wakeland, and W.K. Potts. 1991. Mating patterns in seminatural populations of mice influenced by MHC genotype. *Nature* 352: 619–621.
- Mascie-Taylor, C.G.N., & A.J. Boyce, editors. 1988. *Human Mating Patterns*. New York: Cambridge Univ. Press.
- Pereira, M.E., and L.A. Fairbanks, editors. 1993. *Juvenile Primates. Life History, Development, and Behavior*. New York: Oxford University Press.

Bibliography

- Pfaff, D. 1999. Drive: Neurobiological and molecular mechanisms of sexual motivation. Cambridge, MA: MIT Press.
- Rasa, A.E., C. Vogel, and E. Voland, editors. 1989. The Sociobiology of Sexual and Reproductive Strategies. London: Chapman and Hall.
- Rivers, P.C., editor. 1987. Alcohol and Addictive Behavior. Lincoln, NE: Univ. of Nebraska Press.
- Robinson, G.E. 1998. From society to genes with the honey bee. *Amer. Scientist* 86: 456–462.
- Ruse, M. 1979. Sociobiology: Sense or Nonsense? Dordrecht, Holland: D. Reidel.
- Sahlins, M. 1976. The Use and Abuse of Biology: An Anthropological Critique of Sociobiology. Ann Arbor, MI: University of Michigan Press.
- Schoech, S.J. 1998. Physiology of helping in Florida scrub-jays. *Amer. Scientist* 86: 70–77.
- Sparks, J. 1999. Battle of the Sexes: The Natural History of Sex. New York: TV Books.
- Sunday, S.R., and E. Tovbach, editors. 1985. Violence Against Women: A Critique of the Sociobiology of Rape. New York: Gordian Press.
- Taylor, S.E. 2002. The Tending Instinct: How Nurturing Is Essential for Who We Are and How We Live. New York: Times Books.
- Thornhill, R., and C.T. Palmer. 2000. A Natural History of Rape: Biological Bases of Coercion. Cambridge, Mass.: MIT Press.
- Trivers, R.I. 1985. Social Evolution. Menlo Park, CA: Benjamin Cummings.
- Trivers, R.E. 2002. Natural Selection and Social Theory. New York: Oxford University Press.
- Trivers, R.I., and H. Hare. 1976. Haplodiploidy and the evolution of the social insects. *Science*, 191: 249–263.
- Wilson, E.O. 1975. Sociobiology, the New Synthesis. Cambridge, MA: Belknap Press, Harvard University Press.
- Wilson, E.O. 1978. On Human Nature. Cambridge, MA: Harvard University Press.
- Wilson, J.Q., and R.J. Herrnstein. 1985. Crime and Human Nature. New York: Simon and Schuster.
- Wynne-Edwards, V.C. 1962. Animal Dispersion in Relation to Social Behavior. Edinburgh: Oliver and Boyd.
- Chapter 8**
- Alcock, J. 2001. The Triumph of Sociobiology. New York: Oxford Univ. Press.
- Alexander, R.D., and P.W. Sherman. 1977. Local mate competition and parental investment patterns in the social insects. *Science*, 196: 494–450.
- Axelrod, R., and W.D. Hamilton. 1981. The evolution of cooperation. *Science*, 211: 1390–1396.
- Boorman, S.A., and P.R. Levitt. 1980. The Genetics of Altruism. New York: Academic Press.
- Bradbury, J.W., and M.B. Andersson, editors. 1987. Sexual Selection: Testing the Alternatives. New York: John Wiley.
- Brown, D.E. 1991. Human Universals. Philadelphia: Temple University Press.
- Carson, R.A. and Rothstein, M.A., eds. 1999. Behavioral genetics: The clash of culture and biology. Baltimore, MD: Johns Hopkins University Press.
- Clutton-Brock, T.H., editor. 1988. Reproductive Success. Chicago: University of Chicago Press.
- Clutton-Brock, T.H. 1991. The Evolution of Parental Care. Princeton NJ: Princeton Univ. Press.
- Cronin, H. 1991. The Ant and the Peacock. Altruism and Sexual Selection from Darwin to Today. Cambridge, UK: Cambridge Univ. Press.
- Dahlberg, F., editor. 1981. Woman the Gatherer. New Haven: Yale Univ. Press.
- Daly, M., and M. Wilson. 1983. Sex, Evolution, and Behavior, 2nd ed. Belmont, CA: Wadsworth Publishing Co.
- Daly, M., and M. Wilson. 1999. The Truth About Cinderella: A Darwinian View of Parental Love. New Haven: Yale University Press.
- Dawkins, D. 1999. The Selfish Gene. New York: Oxford University Press.
- Devor, E.J., and C.R. Cloninger. 1989. Genetics of Alcoholism. *Annual Rev. Genetics*, 23: 19–36.
- DeWaalt, F. 1996. Good Natured: The Origins of Right and Wrong in Humans and Other Animals. Cambridge, MA: Harvard Univ. Press.
- Drickamer, L.C., and S.H. Vessey. 1992. Animal Behavior: Mechanisms, Ecology, and Evolution. Dubuque, IA: Wm. C. Brown.
- Dugatkin, L.A. 1997. Cooperation Among animals: An Evolutionary Perspective. New York: Oxford University Press.
- Ehrenreich, Barbara. 2000. How “Natural” Is Rape? Despite a daffy new theory, it’s not just a guy in touch with his inner caveman. *Time Magazine* January 31, 2000 Vol. 155 No. 4.
- Eibl-Eibesfeldt, I. 1989. Human Ethology. New York: Aldine de Gruyter.
- Emlen, S.T., and L.W. Oring. 1977. Ecology, sexual selection, and the evolution of mating systems. *Science*, 197: 215–233.
- Erikson, E.H. 1980. Identity and the Life Cycle. New York: W.W. Norton.
- Gould, J.L., and C.G. Gould. 1989. Sexual Selection. New York: Scientific American Library.
- Griffin, D.R. 1992. Animal Minds. Chicago: Univ. of Chicago Press.
- Hamer, D.H., and P. Copeland. 1994. The Science of Desire: The Search for the Gay Gene and the Biology of Behavior. New Yoprk: Simon & Schuster.
- Hausfater, G., and S.B. Hrdy, editors. 1984. Infanticide. Comparative and Evolutionary Perspectives. New York: Aldine.
- Hayes, L.D. 2000. To nest communally or not to nest communally: a review of rodent communal nesting and nursing. *Animal Behaviour* 59: 1–12.
- Houck, L.D., and L.C. Drickamer, editors. 1996. Foundations of Animal Behavior: Classic Papers With Commentaries. Chicago: Univ. of Chicago Press.
- Hrdy, S.B. 1977. The Langurs of Abu: Female and Male Strategies of Reproduction. Cambridge MA: Harvard Univ. Press.
- Hrdy, S.B. 1981, 1999. The Woman That Never Evolved. Cambridge MA: Harvard Univ. Press.
- Hrdy, S.B. 1986. Empathy, polyandry, and the myth of the coy female. In R. Bleier, Feminist Approaches to Science (New York, Pergamon Press), pp. 119–146.
- Hrdy, S.B. 1999. Mother Nature: A History of Mothers, Infants, and Natural Selection. New York: Pantheon Books.

Bibliography

- Ito, Y., J. L. Brown, and J. Kikkawa. 1987. *Animal Societies. Theories and Facts*. Tokyo: Japan Scientific Societies Press.
- Keverne, E.B. 2002. Pheromones, vomeronasal function and gender-specific behavior. *Cell* 108: 735–738.
- Krebs, J.R., and N.B. Davies. 1991. *Behavioural Ecology: An Evolutionary Approach*. Oxford, UK: Blackwell Scientific.
- Lee, P.C. 1999. *Comparative Primate Socioecology*. Cambridge, UK: Cambridge University Press.
- Lee, R., and I. DeVore, editors. 1968. *Man the Hunter*. Chicago: Aldine.
- LeVay, S. 1993. *The Sexual Brain*. Cambridge, MA: MIT Press.
- Lewontin, R.C., S. Rose, and L.J. Kamin. 1984. *Not in Our Genes*. New York: Pantheon Books.
- Lorenz, K. 1966. *On Aggression*. New York: Harcourt, Brace & World.
- Lorenz, K. 1981. *The Foundations of Ethology*. New York: Springer-Verlag.
- Low, B.S. 2000. *Why Sex Matters: A Darwinian Look at Human Behavior*. Princeton, NJ: Princeton Univ. Press.
- Manning, A., and M.S. Dawkins. 1992. *An Introduction to Animal Behaviour*. Cambridge, UK: Cambridge Univ. Press.
- Manning, C.J., E.K. Wakeland, and W.K. Potts. 1991. Mating patterns in seminatural populations of mice influenced by MHC genotype. *Nature* 352: 619–621.
- Mascie-Taylor, C.G.N., & A.J. Boyce, editors. 1988. *Human Mating Patterns*. New York: Cambridge Univ. Press.
- Pereira, M.E., and L.A. Fairbanks, editors. 1993. *Juvenile Primates. Life History, Development, and Behavior*. New York: Oxford University Press.
- Pfaff, D. 1999. *Drive: Neurobiological and molecular mechanisms of sexual motivation*. Cambridge, MA: MIT Press.
- Rasa, A.E., C. Vogel, and E. Voland, editors. 1989. *The Sociobiology of Sexual and Reproductive Strategies*. London: Chapman and Hall.
- Rivers, P.C., editor. 1987. *Alcohol and Addictive Behavior*. Lincoln, NE: Univ. of Nebraska Press.
- Robinson, G.E. 1998. From society to genes with the honey bee. *Amer. Scientist* 86: 456–462.
- Ruse, M. 1979. *Sociobiology: Sense or Nonsense?* Dordrecht, Holland: D. Reidel.
- Sahlins, M. 1976. *The Use and Abuse of Biology: An Anthropological Critique of Sociobiology*. Ann Arbor, MI: University of Michigan Press.
- Schoech, S.J. 1998. Physiology of helping in Florida scrub-jays. *Amer. Scientist* 86: 70–77.
- Sparks, J. 1999. *Battle of the Sexes: The Natural History of Sex*. New York: TV Books.
- Sunday, S.R., and E. Tovbach, editors. 1985. *Violence Against Women: A Critique of the Sociobiology of Rape*. New York: Gordian Press.
- Taylor, S.E. 2002. *The Tending Instinct: How Nurturing Is Essential for Who We Are and How We Live*. New York: Times Books.
- Thornhill, R., and C.T. Palmer. 2000. *A Natural History of Rape: Biological Bases of Coercion*. Cambridge, Mass.: MIT Press.
- Trivers, R.I. 1985. *Social Evolution*. Menlo Park, CA: Benjamin Cummings.
- Trivers, R.E. 2002. *Natural Selection and Social Theory*. New York: Oxford University Press.
- Trivers, R.I., and H. Hare. 1976. Haplodiploidy and the evolution of the social insects. *Science*, 191: 249–263.
- Wilson, E.O. 1975. *Sociobiology, the New Synthesis*. Cambridge, MA: Belknap Press, Harvard University Press.
- Wilson, E.O. 1978. *On Human Nature*. Cambridge, MA: Harvard University Press.
- Wilson, J.Q., and R.J. Herrnstein. 1985. *Crime and Human Nature*. New York: Simon and Schuster.
- Wynne-Edwards, V.C. 1962. *Animal Dispersion in Relation to Social Behavior*. Edinburgh: Oliver and Boyd.

Chapter 9

- Allen, M.C., P.K. Donohue, and A.E. Dusman. 1993. The limit of viability—Neonatal outcome of infants born at 22 to 25 weeks' gestation. *N. Eng. J. Med.*, 329: 1597–1601.
- Alonso, W. 1987. *Population in an Interacting World*. Cambridge, MA: Harvard Univ. Press.
- Ausubel, J.H. 1996. Can technology spare the earth? *American Scientist* 84: 166–178.
- Becker, K.L., et al., editors. 1995. *Principles and Practice of Endocrinology and Metabolism*. Philadelphia: J.B. Lippincott.
- Berek, J.S., et al., editors. 1988. *Novak's Gynecology*, 12th ed. Baltimore: Williams & Wilkins.
- Bilger, B. 1998. The secret garden. *The Sciences* Jan./Feb. 1998: 38–43.
- Bromwich, P., and T. Parsons. 1984. *Contraception. The Facts*. New York: Oxford University Press.
- Brown, L.R. 1991. *The World Watch Reader on Global Environmental Issues*. New York: W.W. Norton.
- Brown, L.R., G. Gardner, and B. Halweil. 1998. *Beyond Malthus: Sixteen Dimensions of the Population Problem*. Washington, D.C.: Worldwatch Institute.
- Bulatao, R.A., and R.D. Lee, editors. 1983. *Determinants of Fertility in Developing Countries. 2 Vols.* New York: Academic Press.
- Byer, C.O., L.W. Shainberg, and K.L. Jones. 1988. *Dimensions of Human Sexuality*, 2nd ed. Dubuque, IA: Wm. C. Brown.
- Chesler, E. 1992. *Woman of Valor: Margaret Sanger and the Birth Control Movement in America*. New York: Simon and Schuster.
- Chesnais, J.-C. 1992. *The Demographic Transition. Stages, Patterns, and Economic Implications*. Oxford: Clarendon Press.
- Copeland, L.J. 1993. *Textbook of Gynecology*. Philadelphia: W.B. Saunders Co.
- Danforth's *Obstetrics and Gynecology*, 8th ed. 1999. Philadelphia: Lippincott Williams & Wilkins.
- Donaldson, P.J., and A.O. Tsui. 1990. The international family planning movement. *Population Bull.*, 45(3): 1–47.
- Edwards, R.G., P.C. Steptoe, and J.M. Purdy. 1997. Establishing full-term pregnancies using cleaving embryos grown in vitro. *Journal of N.I.H. Research* 9: 47–56.
- Ehrlich, P.R., and A.H. Ehrlich. 1990. *The Population Explosion*. New York: Simon and Schuster.
- Evans, L.T. 1998. *Feeding the Ten Billion: Plants and Population Growth*. Cambridge, UK: Cambridge University Press.

Bibliography

- Ford, T.R., and G.F. DeJong. 1970. Social Demography. Englewood Cliffs, NJ: Prentice-Hall.
- Hatcher, R.A., et al. 1998. Contraceptive Technology, 17th ed. New York: Ardent Media.
- Jackson, D.D. 1996. 'People say, You poor thing, and I'm thinking, I have four healthy kids'. Smithsonian Sept. 1996: 30–41.
- Knodel, J. 1977. Breast-feeding and population growth. *Science*, 198: 1111–1115.
- Lappe', F.M., and R. Schurman. 1990. Taking Population Seriously. San Francisco: Institute for Food and Development Policy.
- Maloy, K. 1992. Birth or Abortion? Private Struggles in a Political World. New York: Plenum Press.
- Malthus, T.R. 1798. An Essay on the Principle of Population, edited by P. Appleman. New York: W.W. Norton.
- Mastroianni, L., Jr., P.J. Donaldson, and T.T. Kane, editors. 1990. Developing New Contraceptives. Washington DC: National Academy Press.
- McKee, J.K. 2003. Sparing Nature: The Conflict between Human Population Growth and the Earth's Biodiversity. New Brunswick, NJ: Rutgers University Press.
- Morowitz, H.J., and J.S. Trefil. 1992. The Facts of Life. Science and the Abortion Controversy. New York: Oxford University Press.
- Noonan, J.T., Jr. 1965. Contraception: A History of its Treatment by Catholic Theologians and Canonists. Cambridge, MA: Harvard Univ. Press.
- Peng, X. 1991. Demographic Transition in China. Fertility Trends Since the 1950s. Oxford: Clarendon Press.
- Petersen, W. 1975. Population, 3rd ed. New York: Macmillan.
- Petersen, W. 1979. Malthus. Cambridge, MA: Harvard Univ. Press.
- Pin~on, R. 2002. Biology of Human Reproduction. Sausalito, CA: University Science Books.
- Riddle, J.M. 1992. Contraception and Abortion from the Ancient World to the Renaissance. Cambridge, MA: Harvard Univ. Press.
- Salvatore, D., editor. 1988. World Population Trends and their Impact of Economic Development. New York: Greenwood Press.
- Simon, J.L. 1986. Theory of Population and Economic Growth. New York: Oxford Univ. Press.
- Simon, J.L. 1996. The Ultimate Resource 2. Princeton, NJ: Princeton University Press.
- Song, J., and J. Yu. 1988. Population System Control. New York: Springer-Verlag.
- Spallone, P. 1989. Beyond Conception. The New Politics of Reproduction. Granby, MA: Bergin & Garvey.
- Srinivasan, K., and A. Shariff. 1997. India: Towards Population and Development Goals. New York: Oxford University Press.
- Tien, H.Y., et al. 1992. China's demographic dilemmas. *Population Bull.*, 47(1): 1–44.
- Trussel, J., et al. 1995. The economic value of contraception: a comparison of 15 methods. *Amer. J. Public Health* 85: 494–503.
- United Nations. 1990. World Population Monitoring 1989. Special Report: The Population Situation in the Least Developed Countries. Population Studies no. 113. New York: United Nations.
- United Nations. 1991. Consequences of Rapid Population Growth in Developing Countries. New York: Taylor and Francis.
- United Nations. 1998b. World Population Projections to 2150. New York: United Nations.
- United Nations, Department of Economic and Social Affairs, Population Division. 2001a. Population, Gender, and Development: A Concise Report. New York: United Nations.
- United Nations, Department of Economic and Social Affairs, Population Division. 2001b. World Population Monitoring, 2001: Population, Environment, and Development. New York: United Nations.
- United Nations. 2001c. World Population Prospects, the 2000 Revision. New York: United Nations.
- United Nations, Department of Economic and Social Affairs, Population Division. 2002a. National Population Policies 2001. New York: United Nations.
- United Nations, Department of Economic and Social Affairs, Population Division. 2002b. World Population Ageing, 1950–2050. New York: United Nations.
- United Nations, Department of International Economic and Social Affairs. 1991. Measuring the Dynamics of Contraceptive Use. New York: United Nations.
- Weeks, J.R. 1989. Population: An Introduction to Concepts and Issues, 4th ed. Belmont CA: Wadsworth.
- Willigan, J.D., and K.A. Lynch. 1982. Sources and Methods of Historical Demography. New York: Academic Press.
- Zhao, S.C. 1990. Vas deferens occlusion by percutaneous injection of polyurethane elastomer plugs: clinical experience and reversibility. *Contraception*, 41: 453–459.

Chapter 10

- Bendich, A., and R.J. Deckelbaum. 2001. Primary and Secondary Preventive Nutrition. Totowa, NJ: Humana Press.
- Berdanier, C.D. 1998. Advanced Nutrition. Boca Raton, FL: CRC Press.
- Brody, T. 1999. Nutritional Biochemistry, 2nd ed. San Diego: Academic Press.
- Brownell, K.D., and J.P. Foreyt, editors. 1986. Handbood of Eating Disorders. New York: Basic Books.
- Bruch, H. 1979. The Golden Cage. The Enigma of Anorexia Nervosa. New York: Vintage Books.
- Carper, J. 1988. The Food Pharmacy. Toronto: Bantam Books.
- Chernin, K. 1985. The Hungry Self. Women, Eating, and Identity. New York: Times Books.
- Committee on Diet and Health, National Research Council. 1989. Diet and Health. Implications for Reducing Chronic Disease Risk. Washington, DC: National Academy Press.
- Czeizel, A.E., and I. Dudas. 1992. Prevention of the first occurrence of neural-tube defects by preconceptional vitamin supplementation. *New Eng. J. Med.*, 328: 1832–1835.
- De Garine, I., and G.A. Harrison. 1988. Coping with Uncertainty in Food Supply. Oxford: Clarendon Press.
- Farrell, E. 2000. Lost for Words: The Psychoanalysis of Anorexia dna Bulimia. New York: Other Press.
- Forse, R.A., editor. 1994. Diet, Nutrition, and Immunity. Boca Raton, FL: CRC Press.
- Gershwin, M.E. 1985. Nutrition and Immunity. Orlando, FL: Academic Press.

Bibliography

- Gibney, M.J. 1986. Nutrition, Diet, and Health. New York: Cambridge University Press.
- Gordon, R.A. 1990. Anorexia and Bulimia. Anatomy of a Social Epidemic. Cambridge, MA: Basil Blackwell.
- Graham, G.G. 1993. Starvation in the modern world. *New Eng. J. Med.*, 328: 1058–1061.
- Grobstein, C., et al. 1982. Diet, Nutrition, and Cancer. Washington, D.C.: National Academy Press.
- Harris, M. 1985. Good to Eat. Riddles of Food and Culture. New York: Simon and Schuster.
- Harris, M., and E.B. Ross, editors. 1987. Food and Evolution. Toward a Theory of Human Food Habits. Philadelphia: Temple University Press.
- Heaney, R.P. 1993. Nutritional factors in osteoporosis. *Ann Rev Nutr.*, 13: 287–316.
- Hsu, L.K.J., 1990. Eating Disorders. New York: Guilford Press.
- Kates, R.W. 1993. Ending deaths from famine. *New Eng. J. Med.*, 328: 1055–1057.
- Keil, J.E., et al. 1993. Mortality rates and risk factors for coronary disease in black as compared with white men and women. *New Eng. J. Med.*, 329: 73–78.
- Khare, R.S., and M.S.A. Rao, editors. 1986. Food, Society, and Culture. Durham, N.C.: Carolina Academic Press.
- Lappé, F.M. 1975. Diet for a Small Planet. New York: Ballantine Books.
- Lloyd-Still, J.D. 1976. Malnutrition and Intellectual Development. Littleton, MA: Publishing Sciences Group.
- McArdle, W.D., F.I. Katch, and V.L. Katch. 1986. Exercise Physiology: Energy, Nutrition, and Human Performance, 2nd ed. Philadelphia: Lea & Febiger.
- Nasset, E.T. 1972. Amino acid homeostasis in the gut lumen and its nutritional significance. *World Rev. Nutrition & Dietetics*, 14: 134–153.
- National Institutes of Health, National Cancer Institute. 1996. Traditional Foods Can Be Healthy. Bethesda, MD: National Institutes of Health, National Cancer Institute, NIH publication no. 96-3548.
- National Research Council, Committee on Diet, Nutrition, and Cancer. 1982. Diet, Nutrition, and Cancer. Washington, DC: National Academy press.
- Papas, A.M., editor. 1999. Antioxidant Status, Diet, Nutrition, and Health. Boca Raton, FL: CRC Press.
- Reid, I.R., et al. 1993. Effect of calcium supplementation on bone loss in postmenopausal women. *New Eng. J. Med.*, 328: 460–464.
- Robertson, L., C. Flinders, and B. Godfrey. 1976. Laurel's Kitchen. A Handbook for Vegetarian Cookery & Nutrition. Berkeley, CA: Nilgiri Press.
- Selvini-Palazzoli, M. 1985. Self-Starvation. From Individual to Family Therapy in the Treatment of Anorexia Nervosa. New York: Jason Aronson.
- Sharmann, A., J. Theophano, K. Curtis, and E. Messer. 1991. Diet and Domestic Life in Society. Philadelphia: Temple Univ. Press.
- Shils, M.E., J.A. Olson, and M. Shike, editors. 1994. Modern Nutrition in Health and Disease, 8th ed. Philadelphia: Lea & Febiger, 2 vols.
- Skolnick, A.A. 1993. 'Female athlete triad' risk for women. *JAMA*, 270: 921–923.
- Smythies, J.R. 1998. Every Person's Guide to Antioxidants. New Brunswick, NJ: Rutgers University Press.
- Stein, Z., M. Susser, G. Saenger, and F. Marolla. 1975. Famine and Human Development: The Dutch Hunger Winter of 1944–1945.
- Stunkard, A.J., and E. Stellar. 1984. Eating and its Disorders. New York: Raven Press.
- Thomas, P.R. 1991. Improving America's Diet and Health. Washington, D.C.: National Academy Press.
- Velazquez, A., and H. Bourges, editors. 1984. Genetic Factors in Nutrition. Orlando FL: Academic Press.
- Watson, R.R., editor. 1984. Nutrition, Disease Resistance and Immune Function. New York: Marcel Dekker.
- Willett, W.C. 2001. Eat, Drink, and Be Healthy— The Harvard Medical School Guide to Healthy Eating. New York: Simon and Schuster.
- Williams, S.R. 1985. Nutrition and Diet Therapy, 5th ed. St. Louis: Times Mirror/Mosby.

Chapter 11

- Alsheher, R.G., and J.R. Cumming. 1990. Stress Responses in Plants: Adaptation and Acclimation Mechanisms. New York: Wiley-Liss.
- Benton, J.J. 1983. A Guide for the Hydroponic and Soilless Culture Grower. Portland, OR: Timber Press.
- Bottrell, D.R. 1979. Integrated Pest Management. Washington, DC: Superintendent of Documents, U.S. Government Printing Office.
- Bruening, G. 1987. Tailoring Genes for Crop Improvement: An Agricultural Perspective. New York: Plenum Press.
- Briggs, D., and S.M. Walters. 1984. Plant Variation and Evolution. Cambridge: Cambridge Univ. Press.
- Canny, M.J. 1998. Transporting water in plants. *Amer. Sci.* 86: 152–159.
- Carson, R. 1962. Silent Spring. Boston: Houghton Mifflin.
- Chrispeels, M.J. and D.E. Sadava. 1994. Plants, genes, and agriculture. Boston, MA: Jones and Bartlett Publishers.
- Committee on Environmental Impacts associated with Commercialization of Transgenic Plants, Board on Agriculture and Natural Resources, Division on Earth and Life Sciences, National Research Council. 2002. Environmental effects of transgenic plants: the scope and adequacy of regulation. Washington, DC: National Academy Press.
- Crawley, M.J., editor. 1986. Plant Ecology. Oxford: Blackwell Scientific Publications.
- Davies, J., and W.S. Resnikoff. 1992. Milestones in Biotechnology: Classic Papers on Genetic Engineering. Boston: Butterworth-Heinemann.
- Dixon, R.O.D., and C.T. Wheeler. 1986. Fixation in Plants. Glasgow: Blackie.
- Dodds, J.H. 1985. Plant Genetic Engineering. New York: Cambridge Univ. Press.
- Dover, M.J. 1985. A Better Mousetrap: Improving Pest Management for Agriculture. Washington, DC: World Resources Institute.

Bibliography

- Fitter, A.H., and R.K.M. Hay. 1981. Environmental Physiology of Plants. New York: Academic Press.
- Flint, M.L. 1998. Natural Enemies Handbook: The Illustrated Guide to Biological Pest Control. Berkeley, CA: Univ. of California Press.
- Fox, M.W. 1992. Superpigs and Wondercorn. The Brave New World of Biotechnology and Where it All May Lead. New York: Lyons & Burford.
- Fu, T. and Gendel, S.M., eds. 2002. Genetically engineered foods: assessing potential allergenicity. Annals N.Y. Acad. Sciences, vol. 964. New York, NY: New York Academy of Sciences.
- Glover, D.M., editor. 1985. DNA Cloning. A Practical Approach. 2 vols. Washington, DC: IRL Press.
- Grierson, D., and S.N. Covey. 1988. Plant Molecular Biology, 2nd ed. Glasgow: Blackie.
- Harlan, J.R. 1992. Crops and Man, 2nd ed. Madison, WI: American Society of Agronomy.
- Hedin, P.A., editor. 1985. Bioregulators for Pest Control. Washington, D.C.: American Chemical Society.
- Horn, D.J. 1988. Ecological Approach to Pest Management. New York: Guilford Press.
- Huffaker, C.B., and R.L. Rabb, editors. 1984. Ecological Entomology. New York: John Wiley.
- Jeffrey, D.W. 1987. Soil-Plant Relationships. An Ecological Approach. Portland, OR: Timber Press.
- Kluger, J. 1999. The suicide seeds. Time Feb. 1, 1999: 44–45.
- Kung, S.D., and R. Wu, editors. 1993. Transgenic Plants. New York: Academic Press. 2 vols.
- Lambrecht, B. 2001. Dinner At The New Gene Cafe: How Genetic Engineering Is Changing What We Eat, How We Live, And The Global Politics Of Food. New York: Thomas Dunne Books.
- Larson, D.W. 19096. Curing the incurable. Amer. Sci. 84: 7–9.
- Levin, M.A., and H.S. Strauss. 1991. Risk Assessment in Genetic Engineering. New York: McGraw-Hill.
- Lim, H.A. 2002. Genetically Yours: Bioinforming, Biopharming, Biofarming. River Edge, NJ: World Scientific.
- Marco, G.J., R.M. Hollingworth, and W. Durham, editors. 1987. Silent Spring Revisited. Washington DC: American Chemical Society.
- Martineau, B. 2001. Food fight: The short, unhappy life of the Flavr Savr tomato. The Sciences Spring 2001 24–29.
- Martineau, B. 2001. First fruit: the creation of the Flavr Savr tomato and the birth of genetically engineered food. New York, NY: McGraw-Hill.
- Marvier, M. 2001. Ecology of transgenic plants. American Scientist 89: 160–167.
- Miller, G.T. 1992. Living in the Environment. Belmont, CA: Wadsworth Publishing Co.
- Mooney, H.A. and G. Bernardi. 1990. Introduction of genetically modified organisms into the environment. Chichester, U.K.: John Wiley & Sons.
- Moore, S.K. 1997. Natural synthetics. Sci. Amer. Feb.: 36–37.
- Nottingham, S. 1998. Eat your genes: how genetically modified food is entering our diet. London: Zed Books Ltd.
- Pence, G.E. 2002. Designer food: mutant harvest or breadbasket of the world? Lanham, MD: Rowman & Littlefield.
- Pramer, D. 2000. Statement of the American Society for Microbiology on genetically modified foods. ASM News 66: 590–591.
- Rissler, J. and M. Mellon. 1996. The ecological risks of engineered crops. Cambridge, MA: MIT Press.
- Ronald, P.C. 1997. Making rice disease-resistant. Sci. Amer. Nov.: 100–105.
- Salunkhe, D.K., and S.S. Deshpande, editors. 1991. Foods of Plant Origin. New York: Van Nostrand Reinhold.
- Slack, A. 1980. Carnivorous Plants. Cambridge, MA: MIT Press.
- Teitel, M., K.A. Wilson, and R. Nader. 1999. Genetically Engineered Food: Changing the Nature of Nature. Rochester, VT: Park Street Press.
- Tyler, V.E., L.R. Brady, and J.E. Robbers. 1976. Pharmacognosy, 7th ed. Philadelphia: Lea & Febiger.
- Winston, M.L. 2002. Travels in the Genetically Modified Zone. Cambridge, MA: Harvard University Press.
- Wolkomir, R. 1997. Unearthing secrets locked deep inside each fistful of soil. Smithsonian Mar.: 74–83.

Chapter 12

- Alison, M. 1997. Understanding Cancer: From Basic Science to Clinical Practice. Cambridge, UK: Cambridge Univ. Press.
- Ames, B.N., and L.S. Gold. 1992. Animal Cancer Tests and Cancer Prevention. J. Natl. Cancer Inst. Monogr., 12: 125–132.
- Baeuerle, P.A. and Wolf, E. 2000. Nanoscalpels: Immunotherapy for cancer. Modern Drug Discovery April 2000: 37–42.
- Baquet, C.R., et al. 1991. Socioeconomic factors and cancer incidence among blacks and whites. J. Natl. Cancer Inst., 83: 551–557.
- Besterman, J.M., and Macleod, A.R. 2000. Targeting gene regulators for cancer therapy. Modern Drug Discovery April 2000: 51–58.
- Bianco, P., and Robey, P.G. 2001. Stem cells in tissue engineering. Nature 414: 118–121.
- Bilger, B. 1997. Cell block. The Sciences 37: 17–19.
- Blau, H.M., Brazelton, T.R., and Weimann, J.M. 2001. The evolving concept of a stem cell: Entity or function? Cell 105: 829–841.
- Cooper, G.M. 1992. Elements of Human Cancer. Boston: Jones and Bartlett.
- Donovan, P.J. and Gearhart, J. 2001. The end of the beginning for pluripotent stem cells. Nature 414: 92–97.
- Elmer-Dewitt, P. 1993. Cloning: Where do we draw the line? Time, Nov. 8, 1993, pp. 65–70.
- Ezzell, C. 1998. Starving tumors of their lifeblood. Scientific American Oct. 1998: 33–34.
- furth, M., & M. Greaves, editors. 1989. Molecular Diagnostics of Human Cancer. Cold Spring Harbor NY: Cold Spring Harbor Laboratory.
- Garnick, M.B. and Fair, W.R. 1998. Combating prostate cancer. Scientific American Dec. 1998: 75–83.
- Goldberg, M. 1988. Cell Wars: The Immune System's Newest Weapons Against Cancer. New York: Fromm International Publishing.
- Gorman, C. 1999a. Radical surgery. Time Jan. 25: 83.
- Gorman, C. 1999b. Predicting cancer. Time May 17: 96.

Bibliography

- Greenwald, P. 1992. Keynote address: Cancer prevention. *J. Natl. Cancer Inst. Monogr.*, 12: 9–14.
- Gurdon, J.B. 1997. The birth of cloning. *The Sciences* 37: 26–31.
- Halim, N.S. 2000a. Monoclonal antibodies: A 25-year roller coaster ride. *The Scientist* Feb. 21, 2000: 16–17.
- Halim, N.S. 2000b. The positive side of Salmonella: Cancer therapy may result from genetically engineered bacteria. *The Scientist* Feb. 21, 2000: 8.
- Harras, A. 1996. *Cancer: Rates and Risks*, 4th ed. Bethesda, MD: National Institutes of Health and National Cancer Institute. NIH publication no. 96–691.
- Hayflick, L. 1994. *How and why we age*. New York: Ballantine Books.
- Henderson, M.M. 1992. International differences in diet and cancer incidence. *J. Natl. Cancer Inst. Monogr.*, 12: 59–63.
- Hirayama, T. 1992. Life-style and cancer: from epidemiological evidence to public behavior change to mortality reduction of target cancers. *J. Natl. Cancer Inst. Monogr.*, 12: 65–74.
- Howe, G.R., et al. 1991. A cohort study of fat intake and risk of breast cancer. *J. Natl. Cancer Inst.*, 83: 336–340.
- Jordan, V.C. 1998. Designer estrogens. *Sci. Amer.* Oct.: 60–67.
- Kahane, D.H. 1990. *No Less a Woman: Ten Women Shatter the Myths About Breast Cancer*. New York: Prentice Hall.
- Kimelman, D. and Griffin, K.J.P. 1998. Mesoderm induction: A postmodern view. *Cell* 94: 419–421.
- Kitcher, P. 1997. Whose self is it, anyway? *The Sciences* 37: 58–62.
- LaFond, R.E., editor. 1988. *Cancer: The Outlaw Cell*. Washington DC: American Chemical Society.
- Levy, S.M. 1985. *Behavior and Cancer*. San Francisco: Jossey-Bass.
- Love, S.M. 1990. *Doctor Susan Love's Breast Book*. Reading MA: Addison-Wesley.
- Lovell-Badge, R. 2001. The future for stem cell research. *Nature* 414: 88–91.
- Mayer-Pröschel, M., M.S. Rao, and M. Noble. 1997. Progenitor cells of the central nervous system: a boon for clinical neuroscience. *J. N.I.H. Res.* 9: 31–36.
- McLaren, A. 2001. Ethical and social considerations of stem cell research. *Nature* 414: 129–131.
- Meade, H.M. 1997. Dairy gene. *The Sciences* 37: 20–25.
- National Institutes of Health, National Cancer Institute. 2000. *What You Need to Know About Cancer*. Bethesda, MD: National Institutes of Health, National Cancer Institute.
- Nieto, M.A. 1999. Reorganizing the organizer 75 years on. *Cell* 98: 417–425.
- Pickle, L.W., et al. 1990. *Atlas of U.S. Cancer Mortality Among Nonwhites: 1950–1980*. Bethesda MD: National Institutes of Health, NIH publication no. 90–1582.
- Poole, C.M., and D. Guerry IV. 1998. *Melanoma: Prevention, Detection, and Treatment*. New Haven, CT: Yale Univ. Press.
- Reya, T., Morrison, S.J., Clarke, M.F. and Weissman, I.L. 2001. Stem cells, cancer, and cancer stem cells. *Nature* 414: 105–111.
- Rideout, W.M., et. al. 2002. Correction of a genetic defect by nuclear transplantation and combined cell and gene therapy. *Cell* 109: 17–27.
- Rouhi, A.M. 1998. Let there be light and let it heal. *C & EN Nov.* 2: 22–27.
- Ruddon, R.W. 1981. *Cancer Biology*. New York: Oxford University Press.
- Schär, P. 2001. Spontaneous DNA damage, genome instability, and cancer— when DNA replication escapes control. *Cell* 104: 329–332.
- Scientific American. Sept. 1996. Pp. 56–167.
- Stellman, S.D., editor. 1986. *Women and Cancer*. New York: Haworth Press.
- Strain, A.J. and Neuberger, J.M. 2002. A bioartificial liver— State of the art. *Science* 295: 1005–1009.
- Temple, S. 2001. The development of neural stem cells. *Nature* 414: 112–117.
- U.S. Dept. of Health and Human Services, Public Health Service. 1985. *The Health Consequences of Smoking: Cancer and Chronic Lung Disease in the Workplace: A Report of the Surgeon General*. Rockville MD: U.S. Public Health Service, document no. DHHS-PHS-85-50207.
- U.S. Congress, Office of Technology Assessment. 1981. *Assessment of Technologies for Determining Cancer Risks from the Environment*. Washington DC: Office of Technology Assessment.
- Weber, B.L. 1996. Genetic testing for breast cancer. *Sci. Amer. Sci. Med.* Jan./Feb.: 12–21.
- Wong, K. 2000. Tissue debates. *Modern Drug Discovery* Nov./Dec. 2000: 23–24.
- Wynder, E.L. 1991. Primary prevention of cancer: planning and policy considerations. *J. Natl. Cancer Inst.*, 83: 475–478.
- Zhang, H., Tomblin, G. and Weber, B.L. 1998. BRCA1, BRCA2, and DNA damage response: collision or collusion? *Cell* 92: 433–436.

Chapter 13

- Ackerman, S. 1992. *Discovering the Brain*. Washington, DC: National Academy Press.
- Ashby, C.R. 1996. *The Modulation of Dopamionergic Neurotransmission by Other Neurotransmitters*. Boca Raton: CRC Press.
- Birchwood, M.J., S.E. Hallett, and M.C. Preston. 1989. *Schizophrenia: An Integrated Approach to Research and Treatment*. New York: New York University Press.
- Bloom, F.E., A. Lazerson, and L. Hofstadter. 1985. *Brain, Mind, and Behavior*. New York: W.H. Freeman.
- Bradford, H.F. 1986. *Chemical Neurobiology. An Introduction to Neurochemistry*. New York: W.H. Freeman.
- Cooper, J.R., F.E. Bloom, and R.H. Roth. 1991. *The Biochemical Basis of Neuropharmacology*, 6th ed. New York: Oxford Univ.Press.
- DeGroot, J. 1991. *Correlative Neuroanatomy*, 21st ed. Norwalk, CT: Appleton & Lange.
- Dulac, C. 2000. The physiology of taste, vintage 2000. *Cell* 100: 607–610.
- Feldman, R.S., and L.F. Quenzer. 1984. *Fundamentals of Neuropsychopharmacology*. Sunderland, MA: Sinauer Associates.
- Fischbach, G.D. 1994. Mind and Brain. *Sci Amer. Special Report*, pp. 1–11.
- Gazzaniga, M.S. 1988. *Mind Matters; How Mind and Brain Interact to Create our Conscious Lives*. Boston: Houghton Mifflin.

Bibliography

- Gerstein, E.R. 2002. Manatees, bioacoustics and boats. *Amer. Scientist* 90: 154–163.
- Gomezano, I., and E.A. Wasserman, editors. 1992. *Learning and Memory: The Behavioral and Biological Substrates*. Hillsdale, NJ: Lawrence Erlbaum Associates.
- Gottesman, I.I. 1991. *Schizophrenia Genesis. The Origins of Madness*. New York: W. H. Freeman.
- Hall, Z.W. 1992. *An Introduction to Molecular Neurobiology*. Sunderland, MA: Sinauer Associates.
- Hamilton, L.W., and C.R. Timmons. 1990. *Principles of Behavioral Pharmacology*. Englewood Cliffs, NJ: Prentice Hall.
- Hefti, F., and W.J. Weiner, editors. 1988. *Progress in Parkinson Research*. New York: Plenum Press.
- Hobson, J.A. 1988. *The Dreaming Brain*. New York: Basic Books.
- Hopkin, K. 1996. Alzheimer's and amyloid: when good proteins turn bad. *J. N.I.H. Res.* 8: 25–27.
- Jack, D.C. 1991. *Silencing the Self. Women and Depression*. Cambridge, MA: Harvard University Press.
- Johnson, G. 1991. *In the Palaces of Memory. How We Build the Worlds Inside our Heads*. New York: Alfred A. Knopf.
- Jordt, S.-E., and Julius, D. 2002. Molecular basis for species-specific sensitivity to "hot" chili peppers. *Cell* 108: 421–430.
- Kandel, E.L., and J.H. Schwartz. 1985. *Principles of Neural Science*, 2nd ed. New York: Elsevier.
- Khachaturian, Z.S. 1997. Plundered memories. *The Sciences* July/Aug.: 20–25.
- Kleitman, N. 1963. *Sleep and Wakefulness*. Chicago: University of Chicago Press.
- Land, M.F., and D.-E. Nilsson. 2002. *Animal Eyes*. Oxford, UK: Oxford Univ. Press.
- Lewin, D.I. 1996. Researchers cycle down the path to elucidating melatonin's rhythms. *J. N.I.H. Res.* 8: 45–49.
- Lister, R.G., and H.J. Weintraub. 1991. *Perspectives on Cognitive Neuroscience*. New York: Oxford Univ. Press.
- Mann, J.J., and D. J. Kupfer. 1993. *Biology of Depressive Disorders*. New York: Plenum Press.
- Martinez, J.L., and R.P. Kesner, editors. 1991. *Learning and Memory. A Biological View*, 2nd ed. New York: Academic Press.
- Marx, J. 1993. Alzheimer's pathology begins to yield its secrets. *Science*, 259: 457–458.
- Masters, R.D. and M.T. McGuire, editors. 1994. *The Neurotransmitter Revolution: Serotonin, Social Behavior, and the Law*. Carbondale, IL: Southern Illinois University Press.
- Mayer-Pröschel, M., M.S. Rao, and M. Noble. 1997. Progenitor cells of the central nervous system: a boon for clinical neuroscience. *J. N.I.H. Res.* 9: 31–36.
- Moncada, S., and A. Higgs. 1993. The l-arginine-nitric oxide pathway. *N. Eng. J. Med.*, 329: 2002–2012.
- Moorcroft, W.H. 1989. *Sleep, Dreaming, and Sleep Disorders*. New York: University Press of America.
- Nathans, J. 1994. In the eye of the beholder: Visual pigments and inherited variation in human vision. *Cell* 78: 357–360.
- Nelson, G., et al. 2001. Mammalian sweet taste receptors. *Cell* 106: 381–390.
- Nemeroff, C.B. 1998. The Neurobiology of Depression. *Sci. Amer.* June 1998: 42–49.
- Nicholls, D.G. 1994. *Proteins, Transmitters, and Synapses*. Boston: Blackwell Scientific Publications.
- Noback, C.R., and R.J. Demarest. 1981. *The Human Nervous System. Basic Principles of Neurobiology*, 3rd ed. New York: McGraw-Hill.
- Nolen-Hoeksema, S. 1990. Sex Differences in Depression. Stanford, CA: Stanford University Press.
- Petri, H.L., and M. Mishkin. 1994. Behaviorism, cognitivism, and the neuropsychology of memory. *Amer. Scientist*, 82: 30–37.
- Reppert, S.M., and D.R. Weaver. 1995. Melatonin madness. *Cell* 83: 1059–1062.
- Sacks, O. 1985. *The Man who Mistook his Wife for a Hat, and Other Clinical Tales*. New York: Summit Books.
- Schafer, W.R. 1999. How do antidepressants work? Prospects for genetic analysis of drug mechanisms. *Cell* 98: 551–554.
- Scheibel, A.B., A.F. Wechsler, and M.A.B. Brazier. 1986. *The Biological Substrates of Alzheimer's Disease*. New York: Academic Press.
- Siegel, G., et al., editors. 1989. *Basic Neurochemistry*, 4th ed. New York: Raven Press.
- Solomon, P.R. et al., editors. 1989. *Memory: Interdisciplinary Approaches*. New York: Springer-Verlag.
- Thompson, R.F. 1985. *The Brain: An Introduction to Neuroscience*. New York: W.H. Freeman.
- Weinberger, N.M., J.L. McGaugh, and G. Lynch, editors. 1985. *Memory Systems of the Brain*. New York: Guilford Press.
- Whitehoused, P.J., K. Maurer, and J.F. Ballenger, editors. 2000. *Concepts of Alzheimer Disease: Biological, Clinical, and Cultural Perspectives*. Baltimore: Johns Hopkins University Press.

Chapter 14

- Bennett, G., C. Vourakis and D.S. Woolf, eds. 1983. *Substance abuse. Pharmacologic, developmental and clinical perspectives*. New York: John Wiley and Sons.
- Bowman, W.C., and M.J. Rand. 1980. *Textbook of Pharmacology*, 2nd ed. Oxford, UK: Blackwell Scientific Publications.
- Bryant, G.L. 1999. A dose of public health through grassroots advocacy: The development of tobacco-control policy on a college campus. *Maine Policy Review*. Fall 1999: 30–36.
- Cooper, J.R., F.E. Bloom, and R.H. Roth. 1991. *The Biochemical Basic of Neuropharmacology*. New York: Oxford Univ. Press.
- Engel, J., et al., editors. 1987. *Brain Reward Systems and Abuse*. New York: Raven Press.
- Eskenazi, B. 1993. Caffeine during pregnancy: grounds for concern? *J.A.M.A.*, 270: 2973–2974.
- Fink, M. 1970. Narcotic antagonists in opiate dependence. *Science*, 169: 1005–1006.
- Glick, S.D. et al. 1992. Effects of ibogaine on acute signs of morphine withdrawal in rats: independence from tremor. *Neuropharmacology*, 31: 497–500.
- Goldstein, A. 1994. *Addiction. From biology to drug policy*. New York: W.H. Freeman and Co.
- Hamilton, L.W., and C.R. Timmons. 1990. *Principles of Behavioral Pharmacology*. Englewood Cliffs, NJ: Prentice Hall.
- Hart, C. 1999. Marijuana: from evil weed to wonder drugs? *Modern Drug Discovery* Nov./Dec. 1999: 39–45.
- Hollister, L.E. 1968. *Chemical Psychoses. LSD and Related Drugs*. Springfield, IL: Charles C. Thomas.

Bibliography

- Infante-Rivard, C., et al. 1993. Fetal loss associated with caffeine intake before and during pregnancy. *J.A.M.A.*, 270: 2940–2943.
- Iversen, L.L., S.D. Iversen, and S.H. Snyder. 1987. Handbook of Psychopharmacology. Vol. 19. New Directions in Behavioral Pharmacology. New York: Plenum Press.
- Jacobs, B.I. 1984. Hallucinogens: Neurochemical, behavioral and clinical perspectives. New York: Raven Press.
- Joy, J.E., S. J. Watson, Jr., and J.A. Benson, Jr., eds. 1999. Marijuana and Medicine. Assessing the Science Base. Washington, DC: National Academy Press.
- Kalivas, P.W. and H.H. Samson, eds. 1992. The neurobiology of drug and alcohol addiction. *Annals of the New York Academy of Sciences* Vol. 654. New York: New York Academy of Sciences.
- Kane, J.M., & J.A. Liebermann. 1992. Adverse Effects of Psychotropic Drugs. New York: Guilford Press.
- Karsch, S.B. 1998. A Brief History of Cocaine. Boca Raton, FL: CRC Press.
- Kieffer, B.L., and C.J. Evans. 2002. Opioid tolerance— in search of the holy grail. *Cell* 108: 587–590.
- Kirsch, M.M. 1986. Designer drugs. Minneapolis: CompCare Publications.
- Levinthal, C.F. 1998. Drugs, Behavior, and Modern Society, 2nd ed. Boston: Allyn and Bacon.
- Lipton, M.A., A. DiMascio, and K.F. Killam, editors. 1978. Psychopharmacology. A Generation of Progress. New York: Raven Press.
- Martinez, J.L., R.A. Jensen, R.B. Messing, H. Rigter, and J.L. McGaugh. 1981. Endogenous peptides and learning and memory processes. New York: Academic Press.
- McKim, W.A. 1986. Drugs and behavior: An introduction to behavioral pharmacology. Englewood Cliffs, N.J.: Prentice-Hall.
- Mohs, M.E., and R.R. Watson. 1990. Ethanol induced malnutrition, a potential cause of immunosuppression during AIDS. pp. 433–444 in *Alcohol, Immunomodulation, and AIDS*. New York: Alan R. Liss.
- Pasternak, G.W., editor. 1988. The Opiate Receptors. Clifton, NJ: Humana Press.
- Physician's Desk Reference. 1993. Oradell, N.J.: Medical Economics Company, Inc.
- Sanberg, P. and Krema, R.M.T. 1986. Over-the-counter drugs. The encyclopedia of psychoactive drugs. New York: Chelsea House Publishers.
- Segal, B. 1988. Drugs and behavior. Cause, effects and treatment. New York: Gardner Press.
- Sershen, H. et al. 1992. Ibogaine antagonizes cocaine-induced locomotor stimulation in mice. *Life Sci.*, 50: 1079–1086.
- Snyder, S.H. 1989. Brainstorming: The science and politics of opiate research. Cambridge, MA: Harvard University Press.
- Steinmetz, G. 1992. Fetal alcohol syndrome. *Nat. Geogr.* Feb.: 36–39.
- Stix, G. 1998. Herb remedy. *Scientific Amer.* Sept. 1998: 18–19.
- Stimmel, B. 1991. The Facts About Drug Use. Yonkers, NY: Consumers Reports Books.
- Sullum, J. 2003. Saying Yes: In Defense of Drug Use. New York: J.P. Tarcher/Putnam.
- Vallee, B.L. 1998. Alcohol in the Western world. *Sci. Amer.* June: 80–85.
- Watson, R.R. 1992. Drugs of Abuse and Neurobiology. Boca Raton FL: CRC press.
- Weil, A., and W. Rosen. 1983. Chocolate to Morphine. Understanding Mind-Active Drugs. Boston: Houghton Mifflin.
- Young, D. 1989. Nerve cells and animal behavior. Cambridge, U.K.: Cambridge University Press.

Chapter 15

- Ader, R., D. Felten, and N. Cohen. 1991. Psychoneuroimmunology. San Diego: Academic Press.
- Ader, R. and N. Cohen. 1993. Psychoneuroimmunology: Conditioning and Stress. *Ann. Rev. Psychol.*, 44: 53–85.
- Asterita, M. 1985. The Physiology of Stress, with Special Reference to the Neuroendocrine System. N.Y.: Human Science Press.
- Batuman, O., et al. 1990. Effects of repeated stress on T cell numbers and function in rats. *Brain Behavior and Immunity*, 4: 105–117.
- Benson, H. 1975. The Relaxation Response. New York: Morrow.
- Black, P.H. 1995. Psychoneuroimmunology: brain and immunity. *Scientific American Science and Medicine* Nov./Dec. 1995: 16–25.
- Brown, W.A. 1998. The placebo effect. *Scientific American* Jan. 1998: 90–95.
- Cooper, C.L. 1984. Psychosocial Stress and Cancer. Chichester, UK: John Wiley & Sons.
- Dantzer, R. and K.W. Kelly. 1995. Stress and immunity: An integrated view of the relationships between the brain and the immune system. *Life Sciences* 44: 1995–2008.
- Felten, D.L., et al. 1987. Noradrenergic sympathetic neural interactions with the immune system: structure and function. *Immunol. Rev.*, 100: 225–260.
- Hall, H., L. Minnes, and K. Olness. 1993. The psychophysiology of voluntary immunomodulation. *Intern. J. Neuroscience*, 69: 221–234.
- Holmes, C.S., editor. 1990. Psychoneuroendocrinology. New York: Springer-Verlag.
- Kiecolt-Glaser, J.K., et al. 1991. Spousal caregivers of dementia victims: longitudinal changes in immunity and health. *Psychosomatic Med.* 53: 345–362.
- Locke, S., et al., editors. 1985. Foundations of Psychoneuroimmunology. New York: Aldine.
- Nauts, H.C. 1989. Bacteria and Cancer—Antagonisms and Benefits, In: *Cancer Surveys* 8: 713–723.
- O'Dorision, M.S. and A. Panerai, eds. 1990. Neuropeptides and immunopeptides, messengers in a neuroimmune axis. *Ann. N.Y. Acad. Sci.*, no. 594.
- Pert, C., et al. 1985. Neuropeptides and their receptors: A psychosomatic network. *J. Immunol.*, 135: 820s–826s.
- Phillips, D.P., and D.G. Smith. 1990. Postponement of death until symbolically meaningful occasions. *JAMA*, 263: 1947–1951.
- Plaut, M. 1987. Lymphocyte hormone receptors. *Annu. Rev. Immunol.*, 5: 621–669.
- Sandi, C., J. Borrell, and C. Guaza. 1992. Behavioral factors in stress-induced immunomodulation. *Behavioral Brain Res.*, 48: 95–98.

Bibliography

- Sapolsky, R.M. 1996. The price of propriety. *The Sciences* July/Aug. 1996: 14–16.
- Selye, H., editor. 1980. *Selye's Guide to Stress Research*, vol. 1. New York: Scientific and Academic Editions.
- Selye, H., editor. 1983. *Selye's Guide to Stress Research*, vol. 2. New York: Scientific and Academic Editions.
- Sibinga, N.E.S., et al. 1988. Opioid peptides and opioid receptors in cells of the immune system. *Ann. Rev. Immunol.* 6: 219–249.
- Spector, N.H. 1980. The central state of the hypothalamus in health and disease. In: P. Morgane and J. Panksepp, eds. *Physiology of the hypothalamus*, pp. 453–517. New York: Marcel Dekker.
- Spiegel, D., et al. 1989. Effect of psychosocial treatment on survival of patients with metastatic breast cancer. *Lancet*, 888–891.
- Taylor, S.E. et al., 2000. Biobehavioral responses to stress in females: tend-and-befriend, not fight-or-flight. *Physiol. Rev.* 107: 411–429.
- Thomson, K.S. 1996. The revival of experiments on prayer. *American Scientist* 84: 532–534.
- Ursin, H., E. Baade, and S. Levine. 1978. *Psychobiology of Stress*. New York: Academic Press.
- Chapter 16**
- Adachi, A., et al. 1987. Productive, persistent infection of human colorectal cell lines with human immunodeficiency virus. *J. Virol.*, 61: 209–213.
- Adams, J. 1989. AIDS: The HIV Myth. NY: St. Martin's Press.
- AIDS 1993: The unanswered questions. *Science*, 260: 1219–1293.
- Barr, C.E., et al. 1992. Recovery of infectious HIV-1 from whole saliva. *J. Amer. Dental Assoc.*, 123: 37–45.
- Bartlett, J.G. and A.K. Finkbeiner. 1991. *The Guide to Living with HIV Infection*. Baltimore: Johns Hopkins University Press.
- Bellenir, K., and P.D. Dresser. 1995. *AIDS Sourcebook: Basic Information about AIDS and HIV Infection....* Detroit, MI: Omnipress.
- Blattner, W., R.C. Gallo, and H.M. Temin. 1988. HIV Causes AIDS. *Science*, 242: 514–517.
- Booth, W. 1987. AIDS and insects. *Science*, 237: 355–356.
- Clarke, L.K. and M. Potts. 1988. *The AIDS Reader*. Boston: Branden Publishing Co.
- Crandall, K.A., ed. 1999. *The Evolution of HIV*. Baltimore, MD: Johns Hopkins University Press.
- De Clercq, E.D.A., ed. 2001. *Antiretroviral Therapy*. Washington, DC: ASM Press.
- Duesberg, P.H. 1996. *Inventing the AIDS virus*. Washington, D.C.: Regnery Publishing, Inc.
- Eckert, D.M., et al. 1999. Inhibiting HIV-1 entry: Discovery of D-peptide inhibitors that target the gp41 coiled-coil picket. *Cell* 99: 103–115.
- Fitzgibbon, J.E., et al. 1993. Transmission from one child to another of the Human Immunodeficiency Virus Type 1 with a zidovudine-resistance mutation. *New Eng. J. Med.*, 329: 1835–1841.
- Frumpkin, L.R. and J.M. Leonard. 1987. *Questions and Answers on AIDS*. Oradell, NJ: Medical Economics Books.
- Grmek, M.D. 1990. *History of AIDS. Emergence and Origin of a Modern Pandemic*. Princeton, NJ: Princeton Univ Press.
- Holmes, E.C. 2000. On the origin and evolution of the human immunodeficiency virus (HIV). *Biol. Reviews* 76: 239–254.
- International Conference on AIDS, VIII. 1992. *Conference Summary Report*. Amsterdam: CONGREX Holland B.V.
- Kalichman, S.C. 1998. *Understanding AIDS: Advances in Research and Treatment*, 2nd ed. Washington, D.C.: American Psychological Association.
- Keeling, R.P. 1986. *AIDS on the College Campus*. American College Health Association Report. ACHA, 15879 Crabbs Branch Way, Rockville, MD 20855
- Kirp, D.L., and R. Bayer, editors. 1992. *AIDS in the Industrialized Democracies*. New Brunswick, NJ: Rutgers University Press.
- Kling, J. 2000. Blocking HIV's "scissors". *Modern Drug Discovery* March 2000: 37–45.
- Koehler, C.S.W. 2001. Pharmaceuticals for all: The story of WHO and the "essential drugs". *Modern Drug Discovery* June 2001: 47–48 and 54.
- Koop, C.E. 1986. *Surgeon General's Report on Acquired Immune Deficiency Syndrome*. Washington, DC: U.S. Department of Health and Human Services.
- Letvin, N.L. 1993. Vaccines against human immunodeficiency virus progress and prospects. *New Eng. J. Med.*, 329: 1400–1405.
- Levin, B.R., Bull, J.J., and Stewart, F.M. 2001. Epidemiology, evolution, and the future of the HIV/AIDS pandemic. *Emerging Infectious Diseases* 7: 505–511.
- Levy, J.A. 1988. The transmission of AIDS: the case of the infected cell. *JAMA*, 259: 3036–3037.
- Levy, J.A. 1993. Pathogenesis of human immunodeficiency virus infection. *Microbiological Reviews*, 57: 183–289.
- Liebowitch, J. 1985. *A Strange Virus of Unknown Origin*. New York: Ballantine Books.
- Malim, M.H., and Emerman, M. 2001. HIV-1 sequence variation: Drift, shift, and attenuation. *Cell* 104: 469–472.
- McNicholl, J.M., Smith, D.K., Qari, S.H., and Hodge, T. 1997. Host genes and HIV: The role of the chemokine receptor gene CCR5 and its allele (D32 CCR5). *Emerging Infectious Diseases* 3: 261–271.
- Nelkin, D., et al., editors. 1991. *A Disease of Society: Cultural and Institutional Responses to AIDS*. New York: Cambridge University Press.
- North, R.L., and K.H. Rothenberg. 1993. Partner notification and the threat of domestic violence against women with HIV infection. *New Eng. J. Med.*, 329: 1194–1196.
- Padian, N., et al. 1987. Male-to-female transmission of human immunodeficiency virus. *JAMA*, 258: 788–790.
- Pelletier, E. and S. Wain-Hobson. 1996. AIDS is not caused by the extreme genetic variability of HIV. *Journal of N.I.H. Research* 8: 45–49.
- Pieniazek, D., et al. 1995. HIV-1 patients may harbor viruses of different phylogenetic subtypes: implications for the evolution of the HIV/AIDS pandemic. 1995. *Emerging Infectious Diseases* 1: 86–88.
- Pinkerton, S.D. and P.R. Abramson. 1997. Condoms and the prevention of AIDS. *American Scientist* 85: 364–373.
- Root-Bernstein, R.S. 1993. *Rethinking AIDS. The Tragic Cost of Premature Consensus*. New York: The Free Press.
- Rose, N.F., et al. 2001. An effective AIDS vaccine based on live

Bibliography

- attenuated vesicular stomatitis virus recombinants. *Cell* 106: 539–549.
- Rowland-Jones, S., Pinheiro, S., and Kaul, R. 2001. New insights into host factors in HIV-1 pathogenesis. *Cell* 104: 473–476.
- Schoub, B.D. 1999. AIDS and HIV in Perspective: A Guide to Understanding the Virus and its Consequences, 2nd ed. Cambridge, UK: Cambridge Univ. Press.
- Scientific American. 1989. The Science of AIDS: Readings from Scientific American Magazine. New York: W.H. Freeman.
- Sfikas, P.M. 1997. Patient rights, provider rights: balancing the conflict. *J.A.D.A.* 128: 763–766.
- Stine, G.J. 1996. Acquired Immune Deficiency Syndrome: Biological, medical, Social, and Legal Issues, 2nd ed. Englewood Cliffs, NJ: Prentice Hall.
- Stine, G.J. 1999. AIDS update 1999. An annual review of Acquired Immune Deficiency Syndrome. Upper Saddle River, N.J.: Prentice Hall.
- Watney, S. 2000. Imagine Hope: AIDS and Gay Identity. London: Routledge.

Chapter 17

- Acuna-Soto, R., et al. 2002. Megadrought and megadeath in 16th century Mexico. *Emerging Infectious Diseases* 8: 360–362.
- Alexander, K.A., et al. 2002. Mycobacterium tuberculosis: An emerging disease of free-ranging wildlife. *Emerging Infectious Diseases* 8: 598–601.
- Armalagos, G.J. 1998. The viral superhighway. *The Sciences* Jan./Feb. 1998: 24–29.
- Block, S.M. 2001. The growing threat of biological weapons. *Amer. Scientist* 89: 28–37.
- Brown, P. et al. 2001. Bovine spongiform encephalopathy and variant Creutzfeldt-Jakob disease: background, evolution, and current concerns. *Emerging Infectious Diseases* 7: 6–16.
- Casadevall, A., and Pirofski, L.-A. 2000. Host-pathogen interactions: Basic concepts of microbial commensalism, colonization, infection, and disease. *Infection and Immunity* 68: 6511–6518.
- Cookson, S.T., et al. 2001. Migrating populations— a closer view of who, why and so what. *Emerging Infectious Diseases* 7: 551.
- Dasak, P. et al. 1999. Emerging infectious diseases and amphibian population decline. *Emerging Infectious Diseases* 5: 735–748.
- Dykewicz, C.A. 2001. Hospital infection control in hematopoietic stem cell transplant recipients. *Emerging Infectious Diseases* 7: 263–267.
- Ewald, P.W. 1993. The evolution of virulence. *Sci. American* 268: 56–62.
- Ewald, P.W. 1994. Evolution of infectious disease. New York: Oxford Univ. Press.
- Friedman, H. 2000. From the clinical to the research laboratory: a reminiscence. *ASM News* 66: 137–141.
- Gulbins, E., and Lang, F. 2001. Pathogens, host-cell invasion and disease. *Amer. Scientist* 89: 406–413.
- Jernigan, J.A., et al. 2001. Bioterrorism-related inhalation anthrax: The first 10 cases reported in the United States. *Emerging Infectious Diseases* 7: 933–944.
- Kirschner, D. 2001. Reconstructing microbial pathogenesis. *ASM News* 67: 566–573.
- Larson, E. 2001. Hygiene of the skin: When is clean too clean? *Emerging Infectious Diseases* 7: 225–230.
- Lipsitch, M., and Samore, M.H. 2002. Antimicrobial use and antimicrobial resistance: A population perspective. *Emerging Infectious Diseases* 8: 347–354.
- Levy, S.B. 2001. Antibacterial household products: Cause for concern. *Emerging Infectious Diseases* 7: 512–515.
- Martens, P. 1999. How will climate change affect human health? *Amer. Scientist* 87: 534–541.
- Nesse, R.M., and Williams, G.C. 1998. Evolution and the origins of disease. *Sci. American* Nov. 1998: 86–93.
- Rose, R.I. 2001. Pesticides and public health: Integrated methods of mosquito management. *Emerging Infectious Diseases* 7: 17–23.
- Schedl, W.D., Craig, W.A., and Hughes, J.M., eds. 1998. *Emerging Infections*. Washington, DC: ASM Press.
- Stencel, C. 2001. Research on improved foot-and-mouth disease vaccines facing challenges. *ASM News* 67: 290–292.
- Trachtman, P. 2002. Hero for our time (Louis Pasteur). *Smithsonian* Jan. 2002: 34–41.
- Van den Hof, S., et al. Measles outbreak in a community with very low vaccine coverage, the Netherlands. *Emerging Infectious Diseases* 7: 593–597.
- Weinstock, G.M. 2000. Genomics and bacterial pathogenesis. *Emerging Infectious Diseases* 6: 496–504.
- Willis, R.C. 2001. Bloodsuckers: researchers race to develop new drugs as malaria heads north. *Modern Drug Discovery* Oct. 2001: 40–44.
- Wills, C. 2000. How we defend ourselves against infectious diseases. *ASM News* 66: 523–530.

Chapter 18

- Almeda, F., and C.M. Pringle. 1988. Tropical Rainforests: Diversity and Conservation. San Francisco: California Academy of Sciences and Pacific Division, American Association for the Advancement of Science.
- Anderson, A.B., editor. 1990. Alternatives to Deforestation: Steps Toward Sustainable Use of the Amazon Rain Forest. New York: Columbia Univ. Press.
- Archibald, J.D. 1996. Dinosaur Extinction and the End of an Era: What the Fossils Say. New York: Columbia Univ. Press.
- Ashley, M.V. 1999. Molecular conservation genetics. *American Scientist* 87: 28–35.
- Bird, M. 2001. Noah's new ark. *Time* Jan. 8, 2001: 60–61.
- Blockhus, J.M., et al., editors. 1992. Conserving Biological Diversity in Managed Tropical Forests. Cambridge, UK: IUCN.
- Boo, E. 1990. Ecotourism: the potentials and pitfalls. Washington: World Wildlife Fund.
- Brown, L.R. 1991. The World Watch Reader on Global Environmental Issues. New York: W.W. Norton.
- Broad, R., and J. Cavanagh. 1993. Plundering Paradise. The Struggle for the Environment in the Philippines. Berkeley, CA: University of California Press.
- Donovan, S.K., editor. 1989. Mass Extinctions: Processes and Evidence. New York: Columbia Univ. Press.
- Droser, M.L., R.A. Fortey, and X. Li. 1996. The Ordovician radiation. *Amer. Sci.* 84: 122–131.
- Ehrlich, P.R., and A.H. Ehrlich. 1981. Extinction. The Causes and

Bibliography

- Consequences of the Disappearance of Species. New York: Random House.
- Eldredge, N. 1994. The Miner's Canary: Unraveling the Mysteries of Extinction. Princeton, NJ: Princeton Univ. Press.
- Erwin, D.H. 1990. The end-Permian mass extinction. *Ann. Rev. Ecol. & Systematics*, 21: 69–91.
- Erwin, D.H. 1993. The Great Paleozoic Crisis: Life and Death in the Permian. New York: Columbia Univ. Press.
- Flannery, T. F. 1995. The Future Eaters. An Ecological History of the Australasian Lands and People. New York: Braziller.
- Foster, M.S. Biological Diversity Handbook Series: Standard Methods for qualitative and quantitative sampling of biological diversity. Washington, D.C.: Smithsonian Institution Press.
- Gay, K. 1993. Rainforests of the World: A Reference Handbook. Santa Barbara, CA: ABC-CLIO.
- Gentry, A.H., editor. 1992. Four Neotropical Rainforests. New Haven: Yale Univ. Press.
- Goldfarb, T.D., editor. 1991. Taking Sides. Clashing Views on Controversial Environmental Issues, 4th ed. Guilford, CT: Dushkin Publishing Group.
- Gore, R. 1989. Extinctions. *Nat. Geog.* June: 662–699.
- Grant, P.R. 1995. Commemorating extinctions. *Amer. Sci.* 83: 420–422.
- Groombridge, B., and M.D. Jenkins. 2002. World Atlas of Biodiversity: Earth's Living Resources in the 21st Century. Berkeley, CA: Univ. of California Press.
- Hallam, A. 1997. Mass Extinctions and their Aftermath. New York: Oxford Univ. Press.
- Hurst, P. 1990. Rainforest Politics: Ecological Destruction in South-East Asia. London: Zed Books.
- Huston, M.A. 1994. Biological Diversity: the coexistence of species on changing landscapes. Cambridge, UK: Cambridge Univ. Press.
- IUCN Conservation Monitoring Centre. 1986. IUCN Red List of Threatened Animals. Gland, Switzerland: International Union for Conservation of Nature and Natural Resources.
- Jacobs, M. 1981. The Tropical Rain Forest. A First Encounter. New York: Springer-Verlag.
- Janzen, D.H. 1974. Swollen-thorn Acacias of Central America. Washington: Smithsonian Institution Press.
- Kauffman, S.A. 1995. Germinal velocity. *The Sciences* Sept./Oct.: 34–39.
- Kellert, S.R. The Value of Life: Biological Diversity and Human Society. Washington, D.C.: Island Press/Shearwater Books.
- Khor, K.P. 2002. Intellectual property, Biodiversity, and Sustainable Development: Resolving the Difficult Issues. London: Zed Books.
- Kloot, K. 1999. Vanishing act: Is the law that protects endangered species itself endangered? *The Sciences*, Oct.–Nov. 1999, p. 14–17.
- Kunich, J.C. 2003. Ark of the Broken Covenant: Protecting the World's Biodiversity Hotspots. Westport, CT: Praeger.
- Levin, D.A. 2002. Hybridization and extinction. *Amer. Scientist* 90: 254–261.
- Lucas, G., and H. Synge. 1980. IUCN Plant Red Data Book. Gland, Switzerland: International Union for Conservation of Nature and Natural Resources.
- Martin, P.S., and R.G. Klein, editors. 1984. Quaternary extinctions. Tucson: University of Arizona Press.
- Mayr, E., and P.D. Ashlock. 1991. Principles of Systematic Zoology, 2nd ed. New York: McGraw-Hill.
- McKee, J.K. 2003. Sparing Nature: the Conflict Between Human Population Growth and Earth's Biodiversity. New Brunswick, NJ: Rutgers Univ. Press.
- Mittermeier, R.A., N. Myers, and C.G. Mittermeier. 1999. Hotspots: Earth's biologically richest and most endangered terrestrial ecoregions. Mexico City: CEMEX Conservation International.
- Moffett, M.W. 1999. Ants and plants: Friends and foes. *National Geographic*. May 1999: 100–113.
- Myers, N. 1988. Threatened biotas: "Hot spots" in tropical forests. *Environmentalist*, 8: 187–208.
- Myers, N. 1991. Tropical deforestation: the latest situation. *Bio-science*, 41: 282.
- National Geographic Society. 1999. Biodiversity, the fragile web. *National Geographic*, February, 1999 (entire issue devoted to this topic).
- Newman, N. 2002. Tropical Rainforest: Our Most Valuable and Endangered Habitat with a Blueprint for its Survival into the Third Millennium, revised ed. New York: Checkmark.
- Nitecki, M.H., editor. 1984. Extinctions. Chicago: University of Chicago Press.
- Raup, D.M. 1991. Extinction: Bad Genes or Bad Luck? New York: W.W. Norton.
- Rice, R.E., R.E. Gullison, and W.J. Reid. 1997. Can sustainable management save tropical forests? *Sci. Amer.* April: 44–49.
- Signor, P.W. 1990. The geologic history of diversity. *Ann. Rev. Ecol. & Systematics*, 21: 509–539.
- Terborgh, J. 1992a. Diversity and the Tropical Rain Forest. New York: Scientific American Library.
- Terborgh, J. 1992b. Maintenance of diversity in tropical forests. *Biotropica*, 24: 283–292.
- Thornback, J., and M. Jenkins. 1982. The IUCN Mammal Red Data Book. Gland, Switzerland: International Union for Conservation of Nature and Natural Resources.
- Thorne-Miller, B. 1999. The Living Ocean: Understanding and Protecting Marine Biodiversity, 2nd ed. Washington, D.C.: Island Press.
- Ward, P.D. 2000. Rivers in Time: The Search for Clues to Earth's Mass Extinctions. New York: Columbia University Press.
- Wells, S.M., R.M. Pyle, and N.M. Collins. 1983. The IUCN Invertebrate Red Data Book. Gland, Switzerland: International Union for Conservation of Nature and Natural Resources.
- Whitmore, T.C. 1991. An Introduction to Tropical Rain Forests. Oxford: Clarendon Press.
- Whitmore, T.C., and J.A. Sayer, editors. 1992. Tropical Deforestation and Species Extinction. London: Chapman and Hall.
- Wilson, E.O., editor. 1988. Biodiversity. Washington, D.C.: National Academy Press.
- Wilson, E.O., 1992. The diversity of life. New York: W. W. Norton.
- Wood, A., P. Stedman-Edwards, and J. Mang, editors. 2000. The Root Causes of Biodiversity Loss. London: Earthscan.
- World Conservation Monitoring Centre. 1992. Global biodiversity.

Bibliography

- Status of the Earth: living resources. New York: Chapman and Hall.
- Chapter 19**
- Abrahamson, D.E., editor. 1989. *The Challenge of Global Warming*. Washington, D.C.: Island Press.
- Bolin, B., B.R. Döös, J. Jäger, and R.A. Warrick, editors. 1986. *The Greenhouse Effect, Climatic Change, and Ecosystems*. New York: John Wiley.
- Boyle, R.H., and R.A. Boyle. 1983. *Acid Rain*. New York: Nick Lyons Books.
- Brown, L.R., et al., editors. 1991. *The World Watch Reader on Global Environmental Issues*. New York: Norton.
- Budyko, M.I., and Yu.A. Izrael, editors. 1991. *Anthropogenic Climatic Change*. Tucson: Univ. of Arizona Press.
- Caldicott, H. 1992. *If You Love This Planet: A Plan to Heal the Earth*. New York: W.W. Norton.
- Chakrabarty, A.M. 1996. Microbial degradation of toxic chemicals: evolutionary insights and practical considerations. *Amer. Soc. Micro. News* 62: 130–137.
- Cline, W.R. 1992. *The Economics of Global Warming*. Washington, D.C.: Institute for International Economics.
- Cotton, W.R., and R.A. Pielke. 1992. *Human Impacts on Weather and Climate*. Fort Collins CO: Aster Press.
- Deamer, D.W., and G.R. Gleischaker, editors. 1993. *Origins of Life: the Central Concepts*. Boston: Jones and Bartlett.
- Dixon, B. 1996. Bioremediation: can the public accept it? *Amer. Soc. Micro. News* 62: 461–462.
- Farman, J.C., B.G. Gardiner, and J.D. Shanklin. 1985. Large losses of total ozone in Antarctica reveal seasonal ClO_x/NO_x interaction.
- Fenchel, T. 2002. *Origin and Early Evolution of Life*. New York: Oxford University Press.
- Finlayson-Pitts, B.J., and J.N. Pitts. 1986. *Atmospheric Chemistry: Fundamentals and Experimental Techniques*. New York: John Wiley.
- Firor, J. 1990. *The Changing Atmosphere: A Global Challenge*. New Haven: Yale Univ. Press.
- Fisher, D.E. 1990. *Fire and Ice*. New York: Harper & Row.
- Flavin, C. 1989. *Slowing Global Warming: A Worldwide Strategy*. Washington, D.C.: Worldwatch Institute.
- Flavin, C., and O. Tunali. 1996. *Climate of Hope: New Strategies for Stabilizing the World's Atmosphere*. Washington, D.C.: Worldwatch Institute.
- Graedel, T.E., and P.J. Crutzen. 1989. The Changing Atmosphere. *Sci. Amer.*, 261(3): 58–68.
- Haley, J., editor. 2002. *Global Warming: Opposing Viewpoints*. San Diego, CA: Greenhaven Press.
- Halmann, M.M., and M. Steinberg. 1999. *Greenhouse Gas Carbon Dioxide Mitigation: Science and Technology*. Boca Raton, FL: Lewis Publishers.
- Harrison, R.M., editor. 1996. *Pollution: Causes, Effects, and Control*, 3rd ed. Cambridge, UK: Royal Society of Chemistry.
- Holland, H.D. 1984. *The Chemical Evolution of the Atmosphere and Oceans*. Princeton NJ: Princeton Univ. Press.
- Johanson, B.E. 2002. *The Global Warming Desk Reference*. Westport, CT: Greenwood Press.
- Johnson, R.W., et al., editors. 1987. *The Chemistry of Acid Rain*. Washington, DC: American Chemical Society.
- Jones, P.D., and T.M.L. Wigley. 1990. Global warming trends. *Sci. Amer.*, 263(2): 84–91.
- Joseph, L.E. 1990. *Gaia. The Growth of an Idea*. New York: St. Martin's Press.
- Karling, H.M., editor. 2001. Huntington, N.Y.: Nova Scientific Publishers.
- Kraljic, M.A. 1992. *The Greenhouse Effect*. New York: H. W. Wilson Co.
- Lovelock, J.E. 1988. *The Ages of Gaia*. New York: W.W. Norton.
- Lydolph, P.E. 1985. *The Climate of the Earth*. Totowa, NJ: Rowman & Allanheld.
- Lyman, F. 1990. *The Greenhouse Trap*. Boston: Beacon Press.
- MacDonald, P.S., and R.G. Klein, eds. 1984. *Oil spills*. *Sci. American Nov.* 1998: 56–61.
- Mallin, M.A. 2000. Impacts of industrial animal production on rivers and estuaries. *Amer. Scientist* 88: 26–37.
- Manabe, S., and R.J. Stouffer. 1993. Century-scale effects of increased atmospheric CO₂ on the ocean-atmosphere system. *Nature*, 365: 215–218.
- McElroy, M.B., et al. 1986. Reductions of Antarctic ozone due to synergistic interactions of chlorine and bromine. *Nature*, 321: 759–762.
- Minger, T.J., editor. 1990. *Greenhouse Glasnost: The Crisis of Global Warming*. New York: Ecco Press.
- Mitchell, G.J. 1991. *World on Fire: Saving an Endangered Earth*. New York: Charles Scribner's Sons.
- Mitchell, J.G. 1999. In the wake of the spill: ten years after Exxon Valdez. *Nat. Geographic March* 1999: 96–117.
- Molina, M.J., and F.S. Rowland. 1974. Stratospheric sink for chlorofluoromethanes: chlorine atom-catalysed destruction of ozone. *Nature*, 249: 810–812.
- Moore, T.G. 1998. *Climate of Fear: Why We Shouldn't Worry About Global Warming*. Washington, D.C.: Cato Institute.
- Nance, J.J. 1991. *What Goes Up; The Global Assault on Our Atmosphere*. New York: William Morrow.
- National Research Council. 1983. *Changing Climate: Report of the Carbon Dioxide Assessment Committee*. Washington, D.C.: National Academy Press.
- National Research Council. 1989. *Ozone Depletion, Greenhouse Gases, and Climate Change*. Washington, D.C.: National Academy Press.
- National Research Council, Committee on Atmospheric Transport and Chemical Transformation in Acid Precipitation. 1983. *Acid Deposition. Atmospheric Processes in Eastern North America*. Washington, DC: National Academy Press.
- National Research Council, Committee on Monitoring and Assessment of Trends in Acid Deposition. 1986. *Acid Deposition. Long-Term Trends*. Washington, DC: National Academy Press.
- National Academy of Science. 1992. *Policy Implications of Greenhouse Warming*. Washington DC: National Academy Press.
- Oparin, A.I. 1938. *The Origin of Life*. Trans. by S. Morgulis. New York: Macmillan; reprinted 1953, New York: Dover.
- Oppenheimer, M., and R.H. Boyle. 1990. *Dead Heat: The Race Against the Greenhouse Effect*. New York: Basic Books.
- Park, S.H., and W.C. Labys. 1998. *Industrial Development and Environmental Degradation*. Cheltenham, UK: Edward Elgar.
- Pepper, I.L., C.P. Gerba, and M.L. Brusseau, editors. 1996. *Pollution Science*. San Diego: Academic Press.

Bibliography

- Ray, D.L., and L. Guzzo. 1990. *Trashing the Planet*. Washington, DC: Regnery Gateway.
- Ray, D.L., and L. Guzzo. 1993. *Environmental Overkill*. Washington, DC: Regnery Gateway.
- Revelle, R., and H. Suess. 1957. Carbon dioxide exchange between the atmosphere and the ocean and the question of an increase in atmospheric CO₂ during the past decades. *Tellus* 9: 18.
- Revkin, A. 1992. *Global Warming. Understanding the Forecast*. New York: Abbeville Press.
- Roan, S. 1989. *Ozone Crisis. The 15-year Evolution of a Sudden Global Emergency*. New York: Wiley.
- Rosenberg, N.J., W.E. Easterling III, P.R. Crosson, and J. Darmstadter, editors. 1989. *Greenhouse Warming: Abatement and Adaptation*. Washington, D.C.: Resources for the Future.
- Schneider, S.H. 1987. Climate modeling. *Sci. Amer.*, 256(5): 72–80.
- Schneider, S.H. 1989a. The changing climate. *Sci. Amer.*, 261(3): 70–79.
- Schneider, S.H. 1989b. *Global Warming. Are We Entering the Greenhouse Century?* San Francisco: Sierra Books.
- Schneider, S.H., and R. Londer. 1984. *The Coevolution of Climate and Life*. San Francisco: Sierra Club Books.
- Schopf, J.W. 1974. Paleobiology of the Precambrian: the age of blue-green algae. *Evol. Biology* 7: 1–43.
- Siegenthaler, U., and J.L. Sarmiento. 1993. Atmospheric carbon dioxide and the ocean. *Nature*, 365: 119–125.
- Singer, S.F. 1989. *Global Climate Change: Human and Natural Influences*. New York: Paragon House.
- Solomon, S., et al. 1986. On the depletion of Antarctic ozone. *Nature*, 321: 755–758.
- Speth, J.G. 1989. *Environmental Pollution: A Long-Term Perspective*. Washington, D.C.: World Resources Institute.
- Toumi, R., R.L. Jones, and J.A. Pyle. 1993. Stratospheric ozone depletion by ClONO₂ photolysis. *Nature*, 365: 37–39.
- United States Congress, Office of Technology Assessment. 1991. *Changing by Degrees: Steps to Reduce Greenhouse Gases*. Washington, D.C.: Congress of the U.S., Office of Technology Assessment.
- United States, Environmental Protection Agency. 1980. Acid Rain. Washington DC: Environmental Protection Agency, EPA-600/9-79-036.
- Weaver, A.J. 1993. The oceans and global warming. *Nature*, 364: 192–193.
- Whiting, G.J., and J.P. Chanton. 1993. Primary production control of methane emission from wetlands. *Nature*, 364: 794–795.
- Woodwell, G.M., and F.T. Mackenzie, editors. 1995. *Biotic Feedbacks in the Global Climatic System: Will the Warming Feed the Warming?* New York: Oxford University Press.
- World Meteorological Organization. 1989. *Scientific Assessment of Stratospheric Ozone: 1989*. Washington, D.C.: National Aeronautics and Space Administration.
- Yanarella, E.J., and R.H. Ihara, editors. 1985. *The Acid Rain Debate. Scientific, Economic, and Political Dimensions*. Boulder, CO: Westview Press.
- Young, P. 1996. Safe drinking water: a call for global action. *Am. Soc. Micro. News* 62: 349–352.