
Further Readings for Ch. 21

- Ben-Jacob, E., and Levine, H. October 1998. The artistry of microorganisms. *Scientific American* 279(4):82. Colonies of bacteria form geometric patterns, which reflect survival strategies.
- Burkholder, J. M. August 1999. The lurking perils of *Pfiesteria*. *Scientific American* 281(2):42. Outbreaks of this dinoflagellate have killed fish by the millions in estuaries along the eastern United States.
- Castro, P., and Huber, M. 2002. *Marine biology*. 4th ed. St. Louis: Mosby-Year Book, Inc. This introductory text is designed to provide a stimulating overview of marine biology.
- Foster, K. R., et al. August 1998. The Philadelphia yellow fever epidemic of 1793. *Scientific American* 279(2):88. The history of this epidemic and the possibility of its recurrence are discussed.
- Laver, G., et al. January 1999. Disarming flu viruses. *Scientific American* 280(1):78. New flu treatments are examined.
- Levy, S. B. March 1998. The challenge of antibiotic resistance. *Scientific American* 278(3):46. Misuse and overuse of antibiotics must end in order to preserve their effectiveness.
- Lim, D. 1998. *Microbiology*. 2d ed. Dubuque, Iowa: WCB/McGraw-Hill. This introductory text shows how microorganisms relate to one another and to other organisms; includes new material in evolution and biodiversity.
- Losick, R., and Kaiser, D. February 1997. Why and how bacteria communicate. *Scientific American* 276(2):68. Bacteria send and receive chemical messages and can organize into structures.
- Madigan, M. T., and Mairs, B. L. April 1997. Extremophiles. *Scientific American* 276(4):86. Certain microorganisms can withstand extreme environments.
- Margulis, L., et al. 1999. *Diversity of life: the illustrated guide to the five kingdoms*. Boston: Jones & Bartlett. Introduces the kingdoms of organisms.
- Matthews, B. E. 1998. *An introduction to parasitology*. Cambridge, United Kingdom: Cambridge University Press. This introductory undergraduate text provides a concise overview of parasite biology.
- Moore, R., Clark, W. D., et al. 1998. *Botany*. 2d ed. Dubuque, Iowa: WCB/McGraw-Hill. This introductory botany text stresses the importance of plants and the process of science.
- Nester, E. W., Roberts, C. E., et al. 2001. *Microbiology: A human perspective*. 3rd ed. Dubuque, Iowa: WCB/McGraw-Hill. This introductory text relates basic microbiology to human health.