

RESOURCES FOR TEACHERS

WEBSITES

Understanding Evolution http://evolution.berkeley.edu

Understanding Science http://undsci.berkeley.edu

Evolution and the Nature of Science Institutes (ENSI) http://www.indiana.edu/ ~ensiweb

PBS Evolution program http://www.pbs.org/evolution

Teach Evolution and Make It Relevant http://evoled.dbs.umt.edu

The Talk Origins Archive http://www.talkorigins.org

GENERAL EVOLUTION

Barlow, Connie E. 2000. The Ghosts of Evolution: Nonsensical Fruit, Missing Partners, and other Ecological Anachronisms. New York: Basic Books.

Bowler, Peter J. 2003. Evolution: The History of an *Idea*. Berkeley: University of California Press.

Carroll. Sean B. 2005. Endless Forms Most Beautiful: The New Science of Evo Devo and the

Making of the Animal Kingdom. New York: W.W. Norton.

Carroll, Sean B. 2006. The Making of the Fittest. New York: W.W. Norton.

Coyne, Jerry. 2009. Why Evolution is True. New York: Viking.

Dalrymple, G. Brent. 2004. Ancient Earth, Ancient Skies: The Age of Earth and its Cosmic Surroundings. Stanford: Stanford University Press.

Dawkins, Richard. 2009. The Greatest Show on Earth: The Evidence for Evolution. New York: Free Press.

Mayr, Ernst. 1991. One Long Argument: Charles Darwin and the Genesis of Modern Evolutionary Thought.

Cambridge: Harvard University Press.

> Prothero, Donald. 2003. Bringing Fossils to Life: An Introduction to Paleontology. New York:

McGraw-Hill.

Weiner, Jonathan. 1994. The Beak of the Finch: A Story of Evolution in Our Time. New York: Knopf.

Zimmer, Carl. 2001. Evolution: The Triumph of an Idea. New York: Harper Collins.

NCSE's Resources Page www.ncse.com/resources

Fortey, Richard. 1998. Life: A Natural History of the First Four Billion Years of Life on Earth. New York: Knopf.

Knoll, Andrew H. 2003. Life on a Young Planet: the First Three Billion Years of Evolution on Earth. Princeton: Princeton

University Press.

ADVANCED

Benton, Michael J. 2005. Vertebrate Palaeontology (3rd Edition). Bristol,

UK: Blackwell Publishing.

Lewin, Roger and Foley, Robert. 2004. Principles of Human Evolution. Malden: Blackwell Publishing.

TEXTBOOKS

Futuyma, Douglas J. 2009. *Evolution* (2nd edition). Sunderland: Sinaur Associates, Inc.

Ridley, Mark. 2003. *Evolution*. Carleton: Blackwell Publishing, Ltd.

Zimmer, Carl. 2010. *The Tangled Bank: An Introduction to Evolution*. Greenwood Village: Roberts and Company Publishers.

CREATION/ EVOLUTION

Alters, Brian J. and Alters, Sandra M. 2001. *Defending Evolution: A Guide to the Creation/Evolution Controversy*. Sudbury: Jones and Bartlett Publishers.

National Academy of Sciences. 2008. *Science, Evolution, and Creationism*. Washington, D.C.: National Academy Press. Free online: http://www.nap.edu/catalog.php?record_id=11876

Scott, Eugenie C. 2009. Evolution vs. Creationism: An Introduction (2nd edition). Berkeley: University of California Press.

Smith, Cameron M. and Sullivan, Charles. 2007. *The Top 10 Myths About Evolution*. Amherst: Prometheus Books.

EVOLUTION EDUCATION

Bybee, Rodger W., editor. 2004. Evolution in Perspective: The Science Teacher's Compendium. Arlington: National Science Teachers Association Press.

Diamond, Judy, editor; with Zimmer, Carl, et al. 2006. *Virus and the Whale: Exploring Evolution in Creatures Small and Large*. Arlington: National Science Teachers Association Press.

Hansen, Thor and Slesnick, Irwin. 2006. Adventures in Paleontology: 36 Classroom Activities. Arlington: National Science Teachers Association Press.

National Academy of Science. 1998. *Teaching about Evolution and the Nature of Science*. Washington, D.C.: National Academy Press. Free online: http://www.nap.edu/ openbook.php?record_id=5787

Olson, Steve and National Academy of Sciences. 2004. *Evolution in Hawaii: A Supplement to Teaching About Evolution and the Nature of Science.* Washington, D.C.: National Academy Press. Free online: http://www.nap.edu/catalog.php?record_id=10865

Sager, Carrie, editor. 2008. *Voices for Evolution,* 3rd Ed. National Center for Science

Education. Available online: http://www.ncse.com/voices

CHILDREN'S BOOKS

Jackson, Ellen. 2005. *The Tree of Life*. Amherst: Prometheus Books

Lawson, Kristan. 2003. *Darwin and Evolution for Kids: His Life and Ideas, with 21 Activities*. Chicago: Chicago Review Press.

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Morgan, Jennifer. 2003. From Lava to Life: The Universe Tells Our Earth Story. Nevada City: Dawn Publications.

Peters, Lisa Westberg. 2003. Our Family Tree: An Evolution Story. San Diego: Harcourt, Inc.

Sis, Peter. 2003. The Tree of Life: a Book Depicting the Life of Charles Darwin, Naturalist, Geologist, and Thinker. New York: Farrar, Straus and Giroux.

Stein, Sara. 1986. *The Evolution Book*. New York: Workman Publishing.