

**Big History:  
A Working Bibliography  
of References, Films & Internet Sites**

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### Books & Articles about Big History

Adams, Fred; Greg Laughlin. 1999. *The Five Ages of the Universe: Inside the Physics of Eternity*. New York: The Free Press.

Alvarez, Walter; P. Claeys, and A. Montanari. 2009. "Time-Scale Construction and Periodizing in Big History: From the Eocene-Oligocene Boundary to All of the Past." *Geological Society of America*, Special Paper # 452: 1–15.

Ashrafi, Babak. 2007. "Big History?" *Positioning the History of Science*, pp. 7–11, Kostas Gavroglu and Jürgen Renn (editors). Dordrecht: Springer.

Asimov, Isaac. 1987. *Beginnings: The Story of Origins of Mankind, Life, the Earth, the Universe*. New York, Berkeley Books.

Aunger, Robert. 2007. "Major Transitions in "Big" History." *Technological Forecasting and Social Change* 74 (8): 1137–1163.

—2007. "A Rigorous Periodization of 'Big' History." *Technological Forecasting and Social Change* 74 (8): 1164–1178.

Benjamin, Craig. 2004. "Beginnings and Endings" (Chapter 5). *Palgrave Advances: World History*, pp. 90–111, M. Hughes-Warrington (editor). London and New York: Palgrave/Macmillan.

—2009. "The Convergence of Logic, Faith and Values in the Modern Creation Myth." *Evolutionary Epic: Science's Story and Humanity's Response*, C. Genet, B. Swimme, R. Genet, and L. Palmer (editors). Los Angeles: Collins Foundation Press.

Brown, Cynthia Stokes. 2007. *Big History: From the Big Bang to the Present*, New York: New Press.

—2009. "Why Aren't More People Teaching Big History?" *Evolutionary Epic: Science's Story and Humanity's Response*, C. Genet, B. Swimme, R. Genet and L. Palmer (editors). Los Angeles: Collins Foundation Press.

Bryson, Bill. 2003. *A Short History of Nearly Everything*. London: Random House.

Chaisson, Eric. 1977. "The Scenario of Cosmic Evolution." *Harvard Magazine*, November/December, pp. 21–33.

—1981. *Cosmic Dawn: The Origins of Matter and Life*. Boston: Little, Brown.

—1982. “The Broadest View of the Biggest Picture: An Essay on Radiation, Matter, Life.” *Harvard Magazine*, January/February, pp. 21–25.

—1987. *The Life Era: Cosmic Selection and Conscious Evolution*. New York: Norton.

—1998. *Universe: An Evolutionary Approach to Astronomy*. Englewood Cliffs: Prentice Hall.

—1998. “The Cosmic Environment for the Growth of Complexity.” *Biosystems* 46: 13–19.

—2001. *Cosmic Evolution: The Rise of Complexity in Nature*. Cambridge: Harvard University Press.

—2003. “A unifying concept for astrobiology.” *International Journal of Astrobiology* 2 (2): 91–101.

—2004. “Complexity: An Energetics Agenda.” *Complexity* 9 (3): 14–21.

—2006. *Epic of Evolution: Seven Ages of the Cosmos*. New York: Columbia University Press.

—2008. “Long-term global heating from energy usage.” *EOS, Transactions of the American Geophysical Union* 89 (28): 253–254.

—2009 (April). “The heat to come...” *New Scientist* #2702: 24–25.

Christian, David. 1991. “The Case for ‘Big History.’” *The Journal of World History* 2 (2): 223–238 ([www.fss.uu.nl/96-97/big.htm](http://www.fss.uu.nl/96-97/big.htm)).

—2004. *Maps of Time: An Introduction to Big History*. Berkeley: University of California Press. Translations into Spanish (2005) and Chinese (2007).

—2008. *This Fleeting World: A Short History of Humanity*. Great Barrington: Berkshire Publishing. Also published in Korean.

—2008. *Big History: The Big Bang, Life on Earth, and the Rise of Humanity* (48 half-hour lectures for *The Teaching Company*).

—2009. “The Evolutionary Epic and the Chronometric Revolution.” *The Evolutionary Epic: Science’s Story and Humanity’s Response*, pp. 91–99, Cheryl Genet, Russell Genet, Brian Swimme, Linda Palmer, Linda Gibler (editors). Santa Margarita, California: Collins Foundation Press.

—2009. “History and Science after the Chronometric Revolution.” *Cosmos & Culture: Cultural Evolution in a Cosmic Context*, pp. 441–462, J. Steven Dick and L. Mark Lupisella (editors).

—2009. “Big History: The longest *durée*.” *Österreichische Zeitschrift für Geschichtswissenschaften*, 20. Jg., Band 2, pp. 91–106. Special issue on Global History, Peer Vries (editor).

—2010. “The Return of Universal History.” *History and Theory* 49: 5–26. (Forthcoming).

Christian, David; Cynthia Brown and Craig Benjamin. 2011. *Between Nothing and Everything: Big History*. Boston: McGraw-Hill. (Forthcoming).

Cloud, Preston. 1978. *Cosmos, Earth and Man: A Short History of the Universe*. New Haven: Yale University Press.

—1988. *Oasis in Space: Earth History from the Beginning*. New York, W.W. Norton & Company.

Davies, Paul. 1995. *Are we Alone?* New York: HarperCollins Publishers, Inc.

—2006. *The Goldilocks Enigma*. London: Allen Lane.

Dean, John. 2009. “Looking for Great ‘Big History’ Books.” *FindLaw*: (<http://writ.news.findlaw.com/dean/20090807.html>).

Delsemme, Armand. 1998. *Our Cosmic Origins: From the Big Bang to the Emergence of Life and Intelligence*. Cambridge: Cambridge University Press.

Dick, J. Steven; L. Mark Lupisella (editors). 2009. *Cosmos & Culture: Cultural Evolution in a Cosmic Context*. National Aeronautics and Space Administration, SP-4802.

Drees, Willem. 1996. *Van Niets tot Nu: Een wetenschappelijk scheppingsverhaal*. Kampen: Uitgeverij Kok.

—2002. *Creation: From Nothing until Now*. London: Routledge.

Duncan; Todd; Craig Tyler. 2009. *Your Cosmic Context: An Introduction to Modern Cosmology*. San Francisco: Pearson Addison Wesley.

Elias, Norbert. 1992. *Time: An Essay*. Oxford: Basil Blackwell.

Ferris, Timothy, 1989. *Coming of Age in the Milky Way*. New York: Morrow.

Fernlund, Kevin. 2009. "To Think Like a Star: The American West, Modern Cosmology, and Big History." *Montana: The Magazine of Western History* 59: 23–44.

Gehrels, Tom. 2007. *Survival through Evolution: From Multiverse to Modern Society*. Charleston: BookSurge Publishing.

—2009. *The Cosmological Foundation of Our World, Seen in a Revised History of our Universe*. University of Arizona, Tucson: ([www.lpl.arizona.edu/~tgehrels/Foundation2.pdf](http://www.lpl.arizona.edu/~tgehrels/Foundation2.pdf)).

Gell-Mann, Murray. 1994. *The Quark and the Jaguar: Adventures in the Simple and the Complex*. New York: W.H. Freeman & Company.

Genet, Cheryl; Brian Swimme, Russell Genet and Linda Palmer (editors). 2009. *The Evolutionary Epic: Science's Story and Humanity's Response*. Santa Margarita: Collins Foundation Press.

Grinin, Leonid; Andrey Korotayev. 2010. "Evolutionary Megaparadigm: Potential, Problems, Perspectives." *Evolution: Cosmic, Biological, and Social*, Leonid Grinin and others (editors), Volgograd: Uchitel.

Hendrickson, Brandon. 2010. "Organic Spiral History: A Proposal." Seattle: Social & Cultural Foundations of Education Program, University of Washington. Unpublished graduate paper (EDC 1566).

Hoyle, Fred; Chandra Wickramasinghe. 1993, 1996. *Our Place in the Cosmos: The Unfinished Revolution*. London: Phoenix.

Jantsch, Eric. 1980. *The Self-Organizing Universe: Scientific and Human Implications of the Emerging Paradigm of Evolution*. Oxford: Pergamon Press.

Jastrow, R.; Michael Rampino. 2008. *Origins of Life in the Universe*. Cambridge University Press.

Kauffman, Stuart. 1993. *The Origins of Order: Self-Organization and Selection in Evolution*. Oxford: Oxford University Press.

—1995. *At Home in the Universe: The Search for Laws of Complexity*. London: Viking.

Kutter, G. Siegfried. 1987. *The Universe and Life: Origins and Evolution*. Cambridge (Massachusetts): James and Bartlett.

Lerner, Eric. 2004. "Bucking the Big Bang." *New Scientist* #2448: 20.

Lesch, Harald; Harald Zaun. 2008. *Die kürzeste Geschichte allen Lebens: Eine Reportage über 13,7 Milliarden Jahre Werden und Vergehen*. Munich: Piper Verlag.

Levy, David (editor). 2000. *The Scientific American Book of the Cosmos*. New York: St. Martin Press.

Lewin, Roger. 1993. *Complexity: Life at the Edge of Chaos*. London: J.M. Dent, Limited.

“Life in the Universe.” 1994. *Scientific American* 271 (4), October 1994. Published, 1995, as *Life in The Universe: Scientific American Special Issue*. New York: W.H. Freeman & Company.

Lineweaver, Charles; Yeshe Fenner and Brad Gibson. 2004. “The Galactic Habitable Zone and the Age Distribution of Complex Life in the Milky Way.” *Science* 303 (2): 59–62.

Lloyd, Christopher. *What on Earth Happened?: The Complete Story of the Planet, Life, and People from the Big Bang to the Present Day*. London: Bloomsbury, 2008.

May, Brian; Patrick Moore, Chris Lintott. 2006. *Bang! The Complete History of the Universe*. Bristol: Carlton Books.

Mears, John. 1986. “Evolutionary Process: An Organizing Principle for General Education.” *The Journal of General Education* 37 (4): 113–125.

—2005. “Connections and Continuities: Integrating World History into Longer Analytical Frameworks.” *Historically Speaking* 6 (5): 31–34.

—2009. “Implications of the Evolutionary Epic for the Study of Human History.” *The Evolutionary Epic: Sciences Story and Humanity’s Response*, pp. 135–144, Cheryl Genet and others (editors). Santa Margarita: Collins Foundation Press.

Morowitz, Harold. 2002. *The Emergence of Everything: How the World Became Complex*. Oxford: Oxford University Press.

Morrison, Philip; Phylis Morrison and The Office of Charles and Ray Eames. 1994. *Powers of Ten: About the Relative Size of Things in the Universe*. New York: W.H. Freeman & Company.

Nazaretyan, Akop. 2004. *Civilization Crises within the Context of Big (Universal) History: Self-Organization, Psychology, and Futurology* (in Russian). Moscow: Mir-Publishers.

—2005. “Western and Russian Traditions of Big History: A Philosophical Insight.” *Journal for General Philosophy of Science* 36: 63–80.

—2009. “Technology, Psychology and Catastrophes: On the Evolution of Non-Violence in Human History.” *Social Evolution & History* 8 (2): 102–132.

Niele, Frank. 2005. *Energy: Engine of Evolution*. Amsterdam: Elsevier, Shell Global Solutions.

Neprimerov, N. 1992. *Mirozdanie* [The Universe]. Kazan: Kazan State University.

Nottale, Laurent; Jean Chaline, Pierre Grou. 2000. *Les arbres de l'évolution: Universe, vie, sociétés*. Paris, Hachette.

Potter, Christopher. 2009. *You Are Here: A Portable History of the Universe*. New York, Harper Collins.

Prantzos, Nikos. 1998, 2000. *Our Cosmic Future: Humanity's Fate in the Universe*. Cambridge: Cambridge University Press.

Preiss, Byron (editor). *The Universe*. New York: Bantam Books.

Prigogine, Ilya; Isabelle Stengers. 1984. *Order out of Chaos: Man's New Dialogue with Nature*. London: Heinemann.

Primack, Joel; Nancy Abrams. 2006. *The View from the Center of the Universe: Discovering Our Extraordinary Place in the Cosmos*. New York: Riverhead Books.

Rees, Martin. 1997. *Before the Beginning: Our Universe and Others*. London: Simon & Schuster.

Reeves, Hubert. 1991. *Hour of Our Delight: Cosmic Evolution, Order, and Complexity*. New York: W.H. Freeman & Company.

Reeves, Hubert; Joël de Rosnay, Yves Coppens, Dominique Simonnet. 1996. *La Plus Belle Histoire du Monde: Les secrets de nos origines*. Paris: Editions du Seuil.

—1998. *Origins: Cosmos, Earth and Mankind*. New York: Arcade Publishing.

Reijnders, Lucas; Bert De Reuver, Egbert Tellegen (editors). 2007. *Toekomst in het Groot* (Big Futures). Amsterdam: Amsterdam University Press.

Rodrigue, Barry. 2010. "Big History, Civilization and Human Survival." *Thought & Action* 26.

Rodrigue, Barry; Daniel Stasko. 2009. "A Big History Directory, 2009: An Introduction." [\*World History Connected\*](#) 6 (3).

—2010. "Changing the Future with the Past: Global Enlightenment through Big History." *The Journal of Globalization Studies* 1 (2).

Scientific American. 1998 (Spring). "Magnificent Cosmos: Exploring the Universe, From our Solar Neighborhood to Beyond Distant Galaxies." *Scientific American* 9 (1).

Shklovsky, Joseph. 1962. *Вселенная, жизнь, разум* (*Universe, Life, Intelligence*). Moscow: Academy of Sciences.

Shklovsky, Joseph; Carl Sagan. 1966. *Intelligent Life in the Universe*. New York: Random House.

Snooks, Graeme. 2005. "Big History or Big Theory? Uncovering the Laws of Life." *Social Evolution & History* 4 (1): 160–188.

—2005. *Exploring the Horizons of Big History* (Guest editor, special issue, *Social Evolution & History* 4 (1)).

—2010. *Ark of the Sun: The Improbable Voyage of Life*. (Forthcoming).

Spier, Fred. 1996. *The Structure of Big History: From the Big Bang until Today*, Amsterdam: Amsterdam University Press.

—1998. *Big History: Was die Geschichte im Innersten zusammenhält*. Darmstadt: Primus Verlag.

—1999. *Geschiedenis in het Groot: Een alomvattende visie*. Amsterdam: Amsterdam University Press.

—1999. "Структура Бодьшой Истории" (The Structure of Big History). *ОБЩЕСТВЕННЫЕ НАУКИ И СОВРЕМЕННОСТЬ* (Social Sciences Today) 5. Moscow: Russian Academy of Sciences, pp. 152–163.

—2002. *The Apollo 8 Earthrise Photo*. Amsterdam, Institute for Interdisciplinary Studies.

—2005. "The Ghost of Big History is Roaming the Earth." *History & Theory* 44: 253–264.

—2005. "The Small History of the Big History Course at the University of Amsterdam." *World History Connected* 2 (2).

—2005. "How Big History Works: Energy Flows and Rise and Demise of Complexity." *Social Evolution & History* 4 (1): 87–135 (<http://home.medewerker.uva.nl/f.spier/>).

—2006. "Why Big History?" *Philosophy, Science & Humanities*. Moscow: Russian Ministry of Education 8: 104–106.

—2009. "Big History: The Emergence of an Interdisciplinary Science?" *World History Connected* 6 (3).

—2010. *Big History & the Future of Humanity*. Oxford: Wiley-Blackwell. (To be translated into Spanish and Chinese).

Stasko, Daniel; Barry Rodrigue. 2010. "A Preliminary Look at Big History Today." *Social Evolution & History* 9 (2): 135–165.

—2010. "Courses of Big History in the Universities of the World." *Историческая психология и социология истории* (Historical Psychology & Sociology) 3 (2).

Swimme, Brian; Thomas Berry. 1992. *The Universe Story: From the Primordial Flaring Forth to the Ecozoic Era: A Celebration of the Unfolding of the Cosmos*. San Francisco: Harper Collins.

Trefil, James. 1989. *Reading the Mind of God: In Search of the Principle of Universality*. New York: Charles Scribner's Sons.

Vélez, Antonio. 1998. *Del big bang al Homo sapiens*. Medellín: Editorial Universidad de Antioquia.

Verburgh, Kris. 2007. *FANTASTISCH! Over het universum in ons hoofd*. Antwerp: Houtekiet.

Ward, Peter; Donald Brownlee. 2000, 2004. *Rare Earth: Why Complex Life is Uncommon in the Universe*. New York, Copernicus Books.

### Works that Anticipated Big History.

Baron d'Holbach, Paul Henri Thiry [pseudonym: Jean Baptiste de Mirabaud]. 1770. *Système de la nature. Ou des loix du monde physique & du monde moral.*

—1868, 2001. *The System of Nature or Laws of the Moral and Physical World.* Kitchener, Ontario: Batoche Books.

Chambers, Robert. 1844, 1994. “Vestiges of the Natural History of Creation.” *Vestiges of the Natural History of Creation and Other Evolutionary Writings*, James Secord (editor). Chicago: University of Chicago Press.

Darwin, Charles. 1839, 1989. *Voyage of the Beagle: Charles Darwin's Journal of Researches*, Janet Browne and Michael Neve (editors). London: Penguin Books.

—1859, 1985. *The Origin of Species by Means of Natural Selection, or the Preservation of Favoured Races in the Struggle for Life* (original title: *On the Origin of Species ... etc.*). Harmondsworth: Penguin Books.

—1871, 2004. *The Descent of Man: Selection in Relation to Sex* (James Moore & Adrian Desmond (editors)). Harmondsworth: Penguin Books.

—1881. *The Formation of Vegetable Mould, through the Action of Worms.* London: John Murray.

Descartes, René. 1664, 1977. *Le Monde, ou, Traité de la lumière.* New York: Abaris Books.

Diderot, Denis; Jean le Rond d'Alembert. 1751–1772. *L'Encyclopédie, ou Dictionnaire Raisonné des Sciences, des Arts et des Métiers, par un société de gens de lettres.* Paris : Briasson, David, Le Breton, Durand. 17 volumes.

Hegel, Georg. 1817, 2000. *Enzyklopädie der philosophischen Wissenschaften im Grundrisse.* Hamburg, Felix Meiner Verlag.

Helferich, Gerard. 2004. *Humboldt's Cosmos: Alexander von Humboldt and the Latin American Journey That Changed the Way We See the World.* New York: Gotham Books.

Humboldt, Alexander von. 1845–1862. *Kosmos: Entwurf einer physischen Weltbeschreibung.* Stuttgart and Tübingen, J. G. Cotta'scher Verlag.

—1814–1825, 1995. *Personal Narrative of a Journey to the Equinoctial Regions of the New Continent* (Abridged and translated with introduction by Jason Wilson; historical introduction by Malcolm Nicolson). London: Penguin Books.

—1845, 1997. *Cosmos, Volume 1 (Foundations of Natural History)*. Baltimore: Johns Hopkins University Press.

Hume, David. 1757. *The Natural History of Religion*. London: A. & H. Bradlaugh Bonner.

Kant, Immanuel. 1755. *Allgemeine Naturgeschichte und Theorie Des Himmels oder Versuch von der Verfassung und dem mechanischen Ursprunge des ganzen Weltgebäudes, nach Newtonischen Grundsätzen abgehandelt*. Königsberg: Petersen (anonymously published).

—1784, 1963. *On History* (edited with introduction by Lewis Beck). Indianapolis: Bobbs-Merrill Company, Inc. (Original title: *Idee zu einer allgemeinen Geschichte in weltbürgerlicher Absicht*).

Loon, Hendrik van. 1921. *The Story of Mankind*. New York: H. Liveright.

Malthus, Thomas. 1798, 1992. *An Essay on the Principle of Population (Cambridge Texts in the History of Political Thought)*. Cambridge, Cambridge University Press.

Newton, Sir Isaac. 1730, 1979. *Opticks*. New York: Dover Publications.

Pannekoek, Anton. 1909, 1980. *Darwinisme en marxisme*. Beverwijk: Brochure 1, Herdrukken 1/3, Groep Radenkommunisme.

Ranke, Leopold von. 1888. “Vorwort.” *Weltgeschichte, Neunter Theil, zweite Abtheilung*. Leipzig: Verlag von Dunder & Humblot.

Wells, Herbert. 1920. *The Outline of History: Being a Plain History of Life and Mankind*. New York: Garden City Publishing.

## Works on Aspects of Big History

### *Cosmology & Planetary Studies*

Barrow, John. 1995. *The Artful Universe*. Oxford: Clarendon Press.

Beatty, J. Kelly; Carolyn Collins Petersen, Andrew Chaikin, (editors). 1999. *The New Solar System*, Fourth Edition. Cambridge, Massachusetts: Sky Publishing.

Boeke, Kees. 1957. *Cosmic View: The Universe in 40 Jumps*. New York: John Day Company.

Chaikin, Andrew; Victoria Kohl. 2009. *Voices from the Moon: Apollo Astronauts Describe their Lunar Experiences*. New York: Viking Studio.

Chaisson, Eric; Steve McMillan. 2008. *Astronomy Today*, Sixth Edition. San Francisco: Pearson Addison Wesley.

Chandler, David. 2006 (28 November). "New World Order." *New Scientist* #2579: 40–43.

Chown, Marcus. 2005 (2 July). "Did the Big Bang Really Happen?" *New Scientist* #2506: 30.

—2007 (27 September). "Rival Theory Fights Back Against Dark Matter." *New Scientist* #2623: 12–13.

—2008 (23 August). "Land of the Rising Suns." *New Scientist* #2670: 40–43.

—2009 (22 August). "O Others, Where Art Thou?" *New Scientist* #2722: 37–39.

Cortright, Edgar (editor). 1975. *Apollo Expeditions to the Moon*. Washington, DC: NASA SP-350.

Davies, Paul. 1994. *The Last Three Minutes: Conjectures about the Ultimate Fate of the Universe*. London: Weidenfeld & Nicolson.

Daviss, Bennett. 2007 (8 December). "Our Solar Future." *New Scientist* #2633: 32–37.

Ellis, John; B.D. Fields, D.N. Schramm. 1996. "Geological Isotope Anomalies as Signatures of Nearby Supernovae." *Astrophysical Journal* 470: 1227–1236.

Feng Tian; Owen Toon, Alexander Pavlov, H. De Sterck. 2005. "A Hydrogen-Rich Early Earth Atmosphere." *Science* 308 (5724): 1014–1017.

Fields, Brian. 2007. *When Stars Attack! Live Undersea Radioactivities as Signatures of Nearby Supernova Explosions*. Geological Society of America, Denver Annual Meeting (28–31 October 2007), Paper # 218-10.

Fields, Brian; John Ellis. 1999. “On Deep-Ocean  $^{60}\text{Fe}$  as a Fossil of a Near-Earth Supernova.” *New Astronomy* 4 (6): 419–430.

Firestone, Richard; A. West, J. Kennett, and others. 2007. “Evidence for an Extraterrestrial Impact 12,900 Years Ago that Contributed to the Megafaunal Extinctions and the Younger Dryas Cooling.” *Proceedings of the National Academy of Sciences* 104 (41): 16016–16021.

Getman, Konstantin; Eric Feigelson, Kevin Luhman, Aurora Sicilia-Aguilar, Junfeng Wang, Gordon Garmire. 2009. “Protoplanetary Disk Evolution Around the Triggered Star-Forming Region Cepheus B.” *The Astrophysical Journal* 699: 1454–1472.

Glasby, Geoffrey. 2006. “Abiotic Origin of Hydrocarbons: An Historical Overview.” *Resource Geology* 56 (1): 85–98.

Gonzalez, Guillermo; Jay Richards. 2004. *The Privileged Planet: How our Place in the Cosmos is Designed for Discovery*. Washington, DC: Regnery Publishing.

Hammer, F.; M. Puech, L. Chemin, H. Flores, M. Lehnert. 2007. “The Milky Way, an Exceptionally Quiet Galaxy: Implications for the Formation of Spiral Galaxies.” *The Astrophysical Journal* 662 (1): 322–334.

Kasting, James; Daniel Whitmire, Ray Reynolds. 1993. “Habitable Zones around Main Sequence Stars.” *Icarus* 101: 108–128.

Knie, K.; G. Korschinek, T. Faestermann, C. Wallner, J. Scholten, W. Hillebrandt. 1999. “Indication for Supernova Produced  $^{60}\text{Fe}$  Activity on Earth.” *Physical Review Letters* 83 (1): 18–21.

Knie, K.; G. Korschinek, T. Faestermann, E. Dorfi, G. Rugel, A. Wallner. 2004. “ $^{60}\text{Fe}$  Anomaly in a Deep-Sea Manganese Crust and Implications for a Nearby Supernova Source.” *Physical Review Letters* 93 (17): 171103-1–171103-4.

Mishurov, Yu; I. Zenina, A. Dambis, A. Mel’Nik, A. Rastorguev. 1997. “Is the Sun located near the corotation circle?” *Astronomy and Astrophysics* 323: 775–780.

Muir, Hazel. 2005 (14 May). “Milky Way: There is No Place Like Home.” *New Scientist* #2499: 30.

New Scientist. 2007 (8 September ). “50 years in Space: My Favourite Photo.” *New Scientist*, # 2620: 40.

—2007 (3 November). “Ancient Blast too Close for Comfort.” *New Scientist* # 2628: 19.

Ofek, Eran; P. Cameron, M. Kasliwal, and others. 2007. “SN 2006gy: An Extremely Luminous Supernova in the Galaxy NGC 1260.” *The Astrophysical Journal* 659 (1), Part 2, L13–L16.

Peterson, Ivars. 1993, 1995. *Newton’s Clock: Chaos in the Solar System*. New York: W.H. Freeman & Company.

Raymond, Sean; Avi Mandell, Steinn Sigurdsson. 2006. “Exotic Earths: Forming Habitable Worlds with Giant Planet Migration.” *Science* 313: 1413–1416.

Reich, Eugenie. 2005 (19 February). “Interstellar gas cloud linked to Snowball Earth.” *New Scientist* # 2487: 9.

Shiga, David. 2006 (29 April). “Gravity: Were Newton and Einstein wrong?” *New Scientist* #2549: 52.

—2007 (13 October). “Supernova Shift may Distort Dark-Energy Readings.” *New Scientist* # 2625: 14.

Semeniuk, Ivan. 2007 (5–11 May). “Blasts from the Past.” *New Scientist* # 2602: 46–49.

Smith, Nathan; Weidong Li, Ryan Foley and others. 2007. “SN 2006gy: Discovery of the Most Luminous Supernova Ever Recorded, Powered by the Death of an Extremely Massive Star like  $\eta$  Carinae.” *The Astrophysical Journal* 666 (2): 1116–1128.

Steinlin, Uli. 1977 (26 April). “Kugelsternhaufen.” *Neue Zürcher Zeitung*.

Tsiganis, K.; R. Gomes, A. Morbidelli, H. Levison. 2005 (26 May). “Origin of the Orbital Architecture of the Giant Planets of the Solar System.” *Nature* 435: 459–461.

Weinberg, Steven. 1977, 1993. *The First Three Minutes: A Modern View of the Origin of the Universe*. London: Flamingo.

### *Physical Sciences*

EcoSanRes. 2008. *Closing the Loop on Phosphorus*. Stockholm Environment Institute: ([www.ecosanres.org/pdf\\_files/ESR-factsheet-04.pdf](http://www.ecosanres.org/pdf_files/ESR-factsheet-04.pdf)).

Gleick, James. 1987, 1988. *Chaos: Making a New Science*. Harmondsworth: Penguin Books.

Muir, Hazel. 2006 (21 October). “Half-Life Heresy: Accelerating Radioactive Decay.” *New Scientist* # 2574: 36–39.

Sharma, Ajay. 2004. “Origin and Escalation of the Mass-Energy Equation  $\Delta E = \Delta mc^2$ .” *General Science Journal*: ([www.wbabin.net/ajay/sharma3.pdf](http://www.wbabin.net/ajay/sharma3.pdf)).

### *Earth & Atmospheric Sciences*

Allègre, Claude; Stephen Scheider. 2000. “The Evolution of the Earth,” pp. 219–226, *The Scientific American Book of the Cosmos*, David Levy (editor). New York: St. Martin Press.

Alvarez, Walter. 1997. *T. rex and the Crater of Doom*. Princeton: Princeton University Press.

—2008. *The Mountains of Saint Francis: The Geologic Events that Shaped Our Earth*. New York: W.W. Norton and Company.

—2009. “The Historical Record in the Scaglia Limestone at Gubbio: Magnetic Reversals and the Cretaceous-Tertiary Mass Extinction,” *Sedimentology* 56: 137–148.

Andel, Tjeerd van. 1985, 1994. *New Views on an Old Planet: A History of Global Change*. Cambridge: Cambridge University Press.

Belderok, Stein. 2008. “Goldilocks in Petroleum Geology.” *Van den kriching veranderen*, pp. 15-16, Machiel Keestra (editor). Amsterdam: Institute for Interdisciplinary Studies, University of Amsterdam.

Bradley, Raymond S. 1991. *Global Changes of the Past*. Boulder, Co., UCAR/Office for Interdisciplinary Earth Studies.

Bureau International des Poids et Mesures. 2006. *The International System of Units (SI)*. Organisation Intergouvernementale de la Convention du Mètre: ([www.bipm.fr/en/home](http://www.bipm.fr/en/home)).

Drury, Stephen. 1999. *Stepping Stones: The Making of our Home World*. Oxford: Oxford University Press.

Graedel, T.; Paul Crutzen. 1993. *Atmospheric Change: An Earth System Perspective*. New York: W.H. Freeman & Company.

Hammen, T. van der; B. van Geel. 2008. “Charcoal in Soils of the Allerød-Younger Dryas Transition were the Result of Natural Fires and Not Necessarily the Effect of an Extra-Terrestrial Impact.” *Netherlands Journal of Geosciences – Geologie en Mijnbouw* 87 (4): 359–361.

Kennett, D.; J. Kennett, A. West and others. 2009 (2 January). “Nanodiamonds in the Younger Dryas Boundary Sediment Layer.” *Science* 323 (5910): 94.

Makarieva, A.; V. Gorshkov. 2006. “Biotic Pump of Atmospheric Moisture as Driver of the Hydrological Cycle on Land.” *Hydrology and Earth System Sciences Discussion* 3: 2621–2673.

McSween Jr.; Harry. 1997. *Fanfare for Earth: The Origin of Our Planet and Life*. New York: St. Martin's Press.

Pavlov, Alexander; Owen Toon, Anatoli Pavlov, John Bally, David Pollard. 2005. "Passing through a Giant Molecular Cloud: 'Snowball' Glaciations Produced by Interstellar Dust." *Geophysical Research Letters* 32 (3): 3705.

Pearce, Fred. 2009 (June). "Ice on Fire." *New Scientist* # 2714 (24): 30–33.

Perkins, Sid. 2009. "The Iron Record of Earth's Oxygen: Scientists are Decoding the Geological Secrets of Banded Iron Formations." *Science News* 175 (13): 24–28.

Strahan, David. 2008 (19 January). "The Great Coal Hole." *New Scientist* # 2639: 38–41.

Strangway, David. 1970. *History of the Earth's Magnetic Field*. New York: McGraw-Hill Book Company.

Wicander, Reed; James Monroe. 1993. *Historical Geology: Evolution of the Earth and Life through Time*. Minneapolis: West Publishing Company.

Wood, Denis. 2004. *Five Billion Years of Global Change: A History of the Land*. New York: The Guildford Press, 2004.

### *Life Sciences*

Adamowicz, Sarah; Andy Purvis, Matthew Wills. 2008. "Increasing morphological complexity in multiple parallel lineages of the Crustacea." *Proceedings of the National Academy of Science* 105 (12): 4789–4791.

Aiello, Leslie; Peter Wheeler. 1995. "The Expensive-Tissue Hypothesis: The Brain and the Digestive System in Human and Primate Evolution." *Current Anthropology* 36 (2): 199–221.

Allman, John. 1999. *Evolving Brains*. New York: W.H. Freeman & Company, Scientific American Library Series, #68.

Broda, E. 1975. *The Evolution of Bioenergetic Processes*. Oxford: Pergamon Press.

—1978. *The Evolution of Bioenergetic Processes: Revised Reprint*. Oxford: Pergamon Press.

Brown, James; James Gillooly, Andrew Allen, Van Savage, Geoffrey West. 2004 (July). "Toward a Metabolic Theory of Ecology." *Ecology* 85 (7): 1771–1789.

Budiansky, Stephen. 1992. *The Covenant of the Wild: Why Animals Chose Domestication*. New York: William Morrow.

Budyko, M. 1986. *The Evolution of the Biosphere*. Dordrecht: Netherlands: D. Reidel Publishing.

Burroughs, William. 2005, 2006. *Climate Change in Prehistory: The End of the Reign of Chaos*. Cambridge: Cambridge University Press.

Cairns-Smith, A. G. 1995. *Seven Clues to the Origin of Life*. Cambridge: Cambridge University Press, Canto (1985).”

Conway-Morris, Simon. 1998. *The Crucible of Creation: The Burgess Shale and the Rise of Animals*. Oxford: Oxford University Press.

Fox, Douglas. 2007 (5–15 June). “Life but not as we know it.” *New Scientist* # 2607: 35–39.

—2009 (11 July). “Dawn of the animals.” *New Scientist* # 2716: 39–41.

Fox, Ronald. 1988. *Energy and the Evolution of Life*. New York: W.H. Freeman & Co.

Gould, James; William Keeton. 1996. *Biological Science* (Sixth Edition). New York: W.W. Norton & Company.

Gould, Stephen. 1989. *Wonderful Life: The Burgess Shale and the Nature of History*. New York: W.W. Norton & Company.

Gould, Stephen; N. Eldredge. 1977. “Punctuated Equilibria: The Tempo and Mode of Evolution Reconsidered.” *Paleobiology* 7: 115–151.

—1993. “Punctuated Equilibrium Comes of Age.” *Nature* 366: 223–227.

Hacker, Jörg; Carniel Elisabeth. 2001. “Ecological Fitness, Genomic Islands and Bacterial Pathogenicity: A Darwinian View of the Evolution of Microbes.” *EMBO Reports* 2 (5): 376–381.

Hamilton, Garry. 2008 (30 August). “Welcome to the Virosphere.” *New Scientist* # 2671: 38–41.

Hecht, Jeff. 2007 (3 February). “Prehistoric Mammals: Big, Bad and Furry.” *New Scientist* # 2589: 32–35.

Holmes, Bob. 2008 (19 January). “Beastly Tales.” *New Scientist* # 2639: 30–33.

Joyce, Gerald. 2002. “The Antiquity of RNA-based Evolution.” *Nature* 418: 214–221.

Koonin, Eugene; William Martin. 2005. “On the Origin of Genomes and Cells within Inorganic Compounds.” *Trends in Genetics* 21 (2): 647–654.

- Koshland Jr., Daniel. 1980. *Bacterial Chemotaxis as a Model Behavioral System*. New York: Raven Press.
- Lane, Nick. 2009 (13 June). "Why Sex is Worth Losing your Head for." *New Scientist* #2712: 40–43.
- Ledeboer, A.; A. Kroll, J. Dons and others. 1976. "On the Isolation of TI-plasmid from *Agrobacterium tumefaciens*." *Nucleic Acid Research* 3 (2): 449–463.
- Lehninger, Albert. 1975. *Biochemistry: The Molecular Basis of Cell Structure and Function*, (Second Edition). New York: Worth Publishers.
- Magistretti, Pierre; Luc Pellerin, & Jean-Luc Martin. 2000. *Brain Energy Metabolism: An Integrated Cellular Perspective*. American College of Neuropsychopharmacology: ([www.acnp.org/G4/GN401000064/](http://www.acnp.org/G4/GN401000064/)).
- Margulis, Lynn; Lorraine Olendzenski. 1992. *Environmental Evolution: Effects of the Origin and Evolution of Life on Planet Earth*. Cambridge: MIT Press.
- Margulis, Lynn; Dorion Sagan. 1995. *What is Life?* London: Weidenfeld & Nicolson.
- Margulis, Lynn; Dorion Sagan. 1997. *Microcosmos: Four Billion Years of Microbial Evolution*. Berkeley: University of California Press.
- Markov, Alexander; Valery Anisimov, Andrey Korotayev. 2010. "Relationship between Genome Size and Organismal Complexity in the Lineage Leading from Prokaryotes to Mammals." *Paleontological Journal* 44 (4): 363–373.
- Markov, Alexander; Andrey Korotayev. 2007 (December). "Phanerozoic Marine Biodiversity Follows a Hyperbolic Trend." *Palaeoworld* 16 (4): 311–318.
- Makarieva, Anastassia; Victor Gorshkov, Bai-Lian Li, Steven Chown, Peter Reich, Valery Gavrilov. 2008. "Mean Mass-specific Metabolic Rates are Strikingly Similar across Life's Major Domains: Evidence for Life's Metabolic Optimum." *Proceedings of the National Academy of Science* 105 (44): 16994–16999).
- Markov, Alexander. 2009. "Alpha diversity of Phanerozoic marine communities positively correlates with longevity of genera." *Paleobiology* 35 (2): 231–250.
- Mueller, Ulrich; Nicole Gerardo, Duur Aanen, Diana Six, Ted Schultz. 2005. "The Evolution of Agriculture in Insects." *Annual Review of Ecology, Evolution, and Systematics* 36: 563–595.
- O'Donoghue, James. 2007 (14 April). "Ediacarans: the 'long fuse' of the Cambrian explosion?" *New Scientist* # 2599: 34–38.

- O'Donoghue, James. 2007 (24 November). "A forest is born." *New Scientist* # 2631: 38–41.
- Odling-Smee, F. John; Kevin Laland, Marcus Feldman. 2003. *Niche construction: the Neglected Process in Evolution*. Princeton: Princeton University Press.
- Pleij, C. 1995. *Een wandeling in de 'RNA-Wereld.'* [A Walk through RNA World]. Oratio. Leiden: Rijksuniversiteit Leiden.
- Pringle, Heather. 2007 (11 August). "Follow that Kelp." *New Scientist* # 2616: 40–43.
- Raup, David. 1993. *Extinction: Bad Genes or Bad Luck?* Oxford: Oxford University Press.
- Rutgers, Michiel, Gulden, Hanneke M. L. van der & Dam, Karel van. 1989. 'Thermodynamical efficiency of bacterial growth calculated from growth yield of *Pseudomonas oxalaticus* OX1 in the chemostat.' *Biochim. Biophys. Acta* 973 (302–7).
- Smail, Daniel. 2007. *On Deep History and the Brain*. Berkeley: University of California Press.
- Snooks, Graeme. 2005. "The Origin of Life on Earth: A New General Dynamic Theory," *Advances in Space Research* 36: 226–234.
- 2008. "A General Theory of Complex Living Systems: Exploring the Demand Side of Dynamics," *Complexity* 13 (6): 12–20.
- Stucki, Jörg. 1980. "The Optimal Efficiency and the Economic Degrees of Coupling of Oxidative Phosphorylation." *European Journal of Biochemistry* 109 (1): 269–283.
- Tudge, Colin. 1993 (24 July). "Taking the Pulse of Evolution: Do we Owe our Existence to Short Periods of Change in the World's Climate?" *New Scientist* # 1883: 32–36.
- Vernadsky, Vladimir. 1998. *The Biosphere*. New York: Copernicus Springer-Verlag.
- Vrba, Elizabeth. 1993. "Mammal Evolution in the African Neogene and a New Look at the Great American Interchange." *Biological Relationships between Africa and South America*, pp. 393–432, Goldblatt, Peter (editor). New Haven: Yale University Press.
- Vrba, Elizabeth; G. Denton, T. Partridge, L. Burckle (editors). 1995. *Paleoclimate and Evolution, with Emphasis on Human Origins*. New Haven: Yale University Press.
- Walker, G. 2003. *Snowball Earth: The Story of the Great Global Catastrophe That Spawned Life as We Know It*. New York: Random House.
- Westerhoff, Hans; Klaas Hellingwerf, Karel van Dam. 1983. "Thermodynamic Efficiency of Microbial Growth is Low but Optimal for Maximal Growth Rate." *Proceedings of the National Academy of Sciences* 80 (1): 305–309.

Whitfield, John. 2004 (19 February). “Born in a Watery Commune.” *Nature* 247: 674–676.

### *Ecology*

Committee on the Societal and Economic Impacts of Severe Space Weather Events. 2008. *Severe Space Weather Events—Understanding Societal and Economic Impacts Workshop Report*. Washington DC: National Academies Press: ([www.nap.edu/catalog/12507.html](http://www.nap.edu/catalog/12507.html)).

Grinin, Leonid; Alexander Markov, Andrey Korotayev. 2009 (September). “Aromorphoses in Biological and Social Evolution: Some General Rules for Biological and Social Forms of Macroevolution.” *Social Evolution & History* 8 (2): 6–50.

—2010. “Biological, and Social Aromorphoses: A Comparison between Two Forms of Macroevolution.” *Evolution: Cosmic, Biological, and Social*, Leonid Grinin and others (editors). Volgograd: Uchitel.

Lovelock, James. 1987. *Gaia: A New Look at Life on Earth*. Oxford: Oxford University Press.

—1991, 2000. *Gaia: The Practical Science of Planetary Medicine*. Oxford: Oxford University Press.

—2006. *The Revenge of Gaia: Earth’s Climate Crisis and the Fate of Humanity*. New York: Basic Books.

Lunine, Jonathan I. 1999. *Earth: Evolution of a Habitable World*. Cambridge, Cambridge University Press.

Morin, Edgar; Anne Kern. 1993. *Terre-Patrie*. Paris: Editions du Seuil.

Odum, Howard. 1971. *Environment, Power and Society*. New York: John Wiley & Sons.

Penna, Anthony. 2010. *The Human Footprint: A Global Environmental History*. New York: Wiley-Blackwell.

Potts, Rick. 1996. *Humanity’s Descent: The Consequences of Ecological Instability*. New York: William Morrow & Co.

Priem, Harry. 1993. *Aarde en Leven: Het Leven in relatie tot zijn planetaire omgeving—Earth and Life: Life in Relation to its Planetary Environment*. Dordrecht: Wolters Kluwer Academic Publishers.

—1997. *Aarde: Een planetaire visie*. Assen: Van Gorcum.

Simmons, I. 1994. *Changing the Face of the Earth: Culture, Environment, History*. Oxford: Basil Blackwell (1989).

Smil, Vaclav. 1991. *General Energetics: Energy in the Biosphere and Civilization*. New York, John Wiley & Sons.

—1999. *Energies: An Illustrated Guide to the Biosphere and Civilization*. Cambridge: MIT Press.

—2002. *The Earth's Biosphere: Evolution, Dynamics, and Change*. Cambridge: MIT Press.

Vitousek, Peter; Harold Mooney, Jane Lubchenco, Jerry Melillo. 1997 (July). "Human Domination of Earth's Ecosystems." *Science* 25: 494–499.

Westbroek, Peter. 1992. *Life as a Geological Force: Dynamics of the Earth*. New York: W.W. Norton & Company.

—2009. *Terre! Menaces et espoir*. Paris: Editions du Seuil.

Wiederhielm, Curt. 1992 (4 April). "Impact scenarios." *Science News* 141 (14): 211.

Wildeman, Diederick. 2006. *De Wereld in het klein: Globes in Nederland*. Zutphen: De Walburg Pers.

Williams, M.; D. Dunkerley, P. De Deckker, A. Kershaw, T. Stokes. 1993. *Quaternary Environments*. London: Edward Arnold.

World Commission on Environment and Development. 1987. *Our Common Future*. Oxford: Brundtland Report.

Zapata, F.; R. Roy. 2004. *Use of Phosphate Rocks for Sustainable Agriculture* (Fertilizer and Plant Nutrition Bulletin # 13). Rome: FAO Land & Water Development Division and the International Atomic Energy Agency: ([www.fao.org/docrep/007/y5053e/y5053e00.htm#Contents](http://www.fao.org/docrep/007/y5053e/y5053e00.htm#Contents)).

Zeilinga de Boer, Jelle ; Donald Sanders. 2002. *Volcanoes in Human History: The Far-Reaching Effects of Major Eruptions*. Princeton: Princeton University Press.

—2005. *Earthquakes in Human History: The Far-Reaching Effects of Seismic Disruptions*. Princeton: Princeton University Press.

### *Human Social Sciences*

Alperson-Afil, Nira. 2008 (September). "Continual fire-making by Hominins at Gesher Benot Ya'aqov, Israel." *Quaternary Science Reviews* 27 (17–18): 1733–1739.

Anderson, Benedict. 1983, 1991. *Imagined Communities: Reflections on the Origin and Spread of Nationalism*. London: Verso.

Barracough, Geoffrey. 1955. *History in a Changing World*. Oxford: Basil Blackwell.

Bellwood, Peter. 2005. *The Origins of Agricultural Societies*. Oxford: Blackwell.

Bennett, John. 1976. *The Ecological Transition: Cultural Anthropology and Human Adaptation*. New York: Pergamon Press.

Bilkadi, Zayn. 1995 (September/October). "Land of the Naphtha Fountain." *Saudi Aramco World* (26–33): ([www.saudiaramcoworld.com/issue/199505/land.of.the.naphtha.fountain.htm](http://www.saudiaramcoworld.com/issue/199505/land.of.the.naphtha.fountain.htm)).

Blegen, Carl. 1963. *Troy and the Trojans*. New York: Frederick A. Praeger.

Bolk, Louis. 1918. *Hersenen en cultuur* [Brains and Culture]. Amsterdam: Scheltema & Holkema.

—1926. *Das Problem der Menschwerdung* [The Problem of Becoming Human]. Jena: Gustav Fisher.

Brown, P.; T. Sutikna, M. Morwood and others. 2004 (28 October). "A New Small-Bodied Hominin from the Late Pleistocene of Flores, Indonesia." *Nature* 431: 1055–1061.

Burger, Richard. 1992. *Chavín and the Origins of Andean Civilization*. London: Thames & Hudson.

Camp, L. Sprague de. 1960, 1993. *The Ancient Engineers: Technology and Invention from the Earliest Times to the Renaissance*. New York: Barnes & Noble Publishing.

Caesar, Gaius Julius. 1984. *The Conquest of Gaul (De bello Gallico)*. Harmondsworth: Penguin Books.

Carneiro, Robert. 1970. "A Theory of the Origin of the State." *Science* 169 (3947): 733–738.

—2000. "Towards a New Evolutionary Synthesis." *TREE* 15 (1): 27–32.

Caspari, Rachel; Milford Wolpoff. 1998. *Race, Culture and Human Evolution*. Boulder: Westview Press.

Cavalli-Sforza, Luigi. 2000. *Genes, Peoples, and Languages*. New York: North Point Press.

Cavalli-Sforza, Luigi; Francesco Cavalli-Sforza. 1994. *The Great Human Diasporas: The History of Diversity and Evolution*. Reading: Addison-Wesley.

Cochran, Gregory; Harpending, Henry. 2009. *The 10,000 Year Explosion: How Civilization Accelerated Human Evolution*. New York: Basic Books.

Cohen, Marc. 1977. *The Food Crisis in Prehistory: Overpopulation and the Origins of Agriculture*. New Haven: Yale University Press.

Cohen, H. Floris. 1994. *The Scientific Revolution: A Historiographical Inquiry*. Chicago: University of Chicago Press.

—2007. *De herschepping van de wereld: Het ontstaan van de moderne natuurwetenschap verklaard*. Amsterdam: Bert Bakker.

Cook, Earl. 1971 (September). “The Flow of Energy in an Industrial Society.” *Scientific American* 225 (3): 134–147.

—1976. *Man, Energy, Society*. San Francisco: W.H. Freeman & Co.

Coppens, Yves. 1994 (May). “East Side Story: The Origin of Humankind.” *Scientific American* 270 (11): 62–69.

Crabtree, Charlotte; Gary Nash. (Project Co-directors). 1994. *National Standards for World History: Exploring Paths to the Present: Grades 5–12 Expanded Edition*. Los Angeles: National Center for History in the Schools.

Crone, Patricia. 1989. *Pre-industrial Societies: New Perspectives on the Past*. Oxford: Basil Blackwell.

Crosby, Alfred. 1972. *The Columbian Exchange: Biological and Cultural Consequences of 1492*. Westport: Greenwood Press.

—1986, 1993. *Ecological Imperialism: The Biological Expansion of Europe, 900–1900*. Cambridge: Cambridge University Press.

—1997. *The Measure of Reality: Quantification and Western Society, 1250–1600*. Cambridge: Cambridge University Press.

—2006. *Children of the Sun: A History of Humanity’s Unappeasable Appetite for Energy*. New York: W.W. Norton & Company.

Culotta, Elizabeth. 2007 (26 October). “Ancient DNA Reveals Neanderthals With Red Hair, Fair Complexions.” *Science* 318 (5850): 546–547.

Cunliffe, Barry (editor). 1994. *The Oxford Illustrated Prehistory of Europe*. Oxford: Oxford University Press.

Curtin, Philip. 1984, 1994. *Cross-cultural Trade in World History*. Cambridge: Cambridge University Press.

Darlington, Cyril. 1969. *The Evolution of Man and Society*. London: George Allen & Unwin.

Dawkins, Richard. 1976, 1989. *The Selfish Gene*. Oxford: Oxford University Press.

Dayton, Leigh. 1992 (12 December). "Pacific Islanders were World's First Farmers." *New Scientist* # 1851: 14.

Debeir, Jean-Claude; Jean-Paul Deléage, Daniel Hémerly. 1986, 1991. *In the Servitude of Power: Energy and Civilization through the Ages*. London: Zed Books.

Diamond, Jared. 1987. "Human Use of World Resources." *Nature* 328 (6): 479–480.

—1997. *Guns, Germs and Steel: The Fates of Human Societies*. London: Jonathan Cape.

Dillehay, Tom. 1997. *Monte Verde: A Late Pleistocene Settlement in Chile (Volume 2): The Archaeological Context and Interpretation*. Washington, DC: Smithsonian Institution Press.

Eisenstein, Elizabeth L. 1993. *The Printing Revolution in Early Modern Europe*. Cambridge, Cambridge University Press (1983).

Elias, Norbert. 1978. *What is Sociology?* London: Hutchinson.

—1978. *The History of Manners. The Civilizing Process: Volume I*. New York: Pantheon Books.

—1982. *Power and Civility. The Civilizing Process: Volume II*. New York: Pantheon Books.

—1987. "The Retreat of Sociologists into the Present." *Theory, Culture & Society* 4 (2–3): 213–222.

—1987. *Involvement and Detachment*. Oxford: Basil Blackwell.

—1992. *The Symbol Theory*. London: Sage Publications.

Emmer, P. 2003. "The Myth of Early Globalization: The Atlantic Economy, 1500–1800." *European Review* 11 (1): 37–47.

Fagan, Brian. 1999. *Floods, Famines, and Emperors: El Niño and the Fate of Civilizations*. New York: Basic Books.

—2000. *The Little Ice Age: How Climate Made History, 1300–1850*. New York: Basic Books.

- 2004. *The Long Summer: How Climate Changed Civilization*. New York: Basic Books.
- 2008. *The Great Warming: Climate Change and the Rise and Fall of Civilizations*. London: Bloomsbury Publishing.
- Fiedel, Stuart. 1987, 1992. *Prehistory of the Americas*. Cambridge: Cambridge University Press.
- Fieldhouse, D. 1973. *Economics and Empire, 1830–1914*. London: Weidenfeld & Nicolson.
- Fitzgerald, Michael. 2004. *Autism and Creativity: Is There a Link between Autism in Men and Exceptional Ability?* Hove: Brunner-Routledge.
- Flynn, Dennis; Arturo Giráldez. 1995. “Born with a ‘Silver Spoon’: The Origin of World Trade in 1571.” *Journal of World History* 6 (2): 201–222.
- 2002. “Cycles of Silver: Global Economic Unity through the Mid-Eighteenth Century.” *Journal of World History* 13 (2): 391–428.
- 2008. “Born Again: Globalization’s Sixteenth Century Origins (Asian/Global Versus European Dynamics).” *Pacific Economic Review* 13 (3): 359–387.
- Gamble, Clive. 1993, 1995. *Timewalkers: The Prehistory of Global Colonization*. Harmondsworth: Penguin Books.
- Garraty, John; Peter Gay (editors). 1972. *The Columbia History of the World*. New York: Harper & Row.
- Geel, B. van; N. Bokovenko, N. Burova and others. 2004. “Climate Change and the Expansion of the Scythian Culture after 850 BC: A Hypothesis.” *Journal of Archaeological Science* 31: 1735–1741.
- Genet, Russell. 2007. *Humanity: The Chimpanzees Who Would be Ants*. Santa Margarita: Collins Foundation Press.
- Goldberg, Vicky. 1991. *The Power of Photography: How Photographs Changed our Lives*. New York: Abbeville Publishing.
- Goudsblom, Johan. 1990. “The Impact of the Domestication of Fire Upon the Balance of Power Between Human Groups and Other Animals.” *Focaal* 13: 55–65.
- 1992. *Fire and Civilization*. London: Allen Lane.
- Goudsblom, Johan; Eric Jones, Stephen Mennell. 1996. *The Course of Human History: Economic Growth, Social Process, and Civilization*. New York: Armond.

Grinin, Leonid; Andrey Korotayev. 2009. "Social Macroeolution: Growth of the World System Integrity and a System of Phase Transitions." *World Futures* 65 (7): 477–506.

Gruhn, Ruth. 1988. "Linguistic Evidence in Support of the Coastal Route of Earliest Entry into the New World." *Man* 23 (New Series): 77–100.

Gunnerson, Charles G. 1973 (May/June). "Debris Accumulation in Ancient and Modern Cities." *Journal of the Environmental Engineering Division* 99 (3): 229–243.

Harris, Marvin. 1975, 1997. *Culture, People, Nature: An Introduction to General Anthropology*. New York: Longman.

—1980. *Cultural Materialism: The Struggle for a Science of Culture*. New York: Vintage Books.

Harris, David. (editor). 1990. *Settling Down and Breaking Ground: Rethinking the Neolithic Revolution*. Amsterdam: Stichting Nederlands Museum voor Anthropologie en Praehistorie, Twaalfde Kroon-Voordracht.

—1996. *The Origins and Spread of Agriculture and Pastoralism in Eurasia*. London: UCL Press.

Harris, David; G. Hillman (editors). 1989. *Foraging and Farming: The Evolution of Plant Exploitation*. London: Allen & Unwin.

Heiser, Charles Jr. 1990. *Seed to Civilization: The Story of Food*. Cambridge: Harvard University Press.

Hershkovitz, Israel; Helen Donoghue, David Minnikin and others. 2008 (15 October). "Detection and Molecular Characterization of 9000-Year-Old *Mycobacterium tuberculosis* from a Neolithic Settlement in the Eastern Mediterranean." *PLoS ONE* 3 (10).

Hillman, G.; Robert Hedges, Andrew Moore, Susan Colledge, Paul Pettitt. 2001. "New Evidence of Late Glacial Cereal Cultivation at Abu Hureyra on the Euphrates." *The Holocene* 11 (4): 383–393.

Hobsbawm, Eric. 1968. *Industry and Empire*. Harmondsworth: Penguin.

Huizinga, Johan. 1995. *De taak der cultuurgeschiedenis. Samengesteld, verzorgd en van een nawoord voorzien door W.E. Krul*. Groningen: Historische Uitgeverij

Hurwitz, Ellen; Donald Ostrowski. 1983. "The Many Varieties of Historical Writing: Caterpillars and Butterflies Reexamined." *Harvard Ukrainian Studies* 7: 296–308.

Jenkins, Elizabeth. 1997. *Initiation: A Woman's Spiritual Adventure in the Heart of the Andes*. E. Rutherford: Putnam.

Jones, Dan. 2007 (27 October). "Going Global: How Humans Conquered the World." *New Scientist* # 2627: 36–41.

Kennett, Douglas; James Kennett. 2006. "Early State Formation in Southern Mesopotamia, Sea Levels, Shorelines, and Climate Change." *The Journal of Island and Coastal Archaeology* 1 (1): 67–99.

Korotayev, Andrey; Artemy Malkov, Daria Khaltourina. *Introduction to Social Macrodynamics: Compact Macromodels of the World System Growth*. Moscow: URSS, 2006.

Kortlandt, Adriaan. 1972. *New Perspectives on Ape and Human Evolution*. Amsterdam: Stichting voor Psychobiologie.

—1980. "How Might Early Hominids have Defended Themselves Against Large Predators and Food Competitors?" *Journal of Human Evolution* 9 (2): 79–112.

Kortlandt, Adriaan; Yves Coppens. 1994 (4 October). "Rift over Origins." *Scientific American* 271: 5.

Kuhn, Thomas. 1962, 1970. *The Structure of Scientific Revolutions*. Chicago: University of Chicago Press.

Kuijt, Ian; Bill Finlayson. 2009. "Evidence for Food Storage and Predomestication Granaries 11,000 Years Ago in the Jordan Valley." *Proceedings of the National Academy of Science* 106, (27): 10966–10970).

Lalueza-Fox, Carles; Holger Römpler, David Caramelli and others. 2007 (30 November). "A Melanocortin 1 Receptor Allele Suggests Varying Pigmentation Among Neanderthals." *Science* 318 (5855): 1453–1455.

Leakey, Richard; Roger Lewin. *The Sixth Extinction*, New York: Anchor Books, 1995.

Lewis, Henry T. 1972. 'The Role of Fire in the Domestication of Plants and Animals in Southwest Asia: A Hypothesis.' *Man* 7, 2 (195–222).

Livi-Bacci, Massimo. 1989, 1992. *A Concise History of World Population*. Oxford: Blackwell Publishers.

Loy, T.; M. Spriggs, S. Wickler. 1992. "Direct Evidence for Human Use of Plants 28,000 years Ago: Starch Residues on Stone Artifacts from the Northern Solomons." *Antiquity* 66: 898–912.

Mann, Michael. 1986, 1987. *The Sources of Social Power*, Volume I: *A History of Power from the Beginning to A.D. 1760*. Cambridge: Cambridge University Press.

—1993. *The Sources of Social Power*. Volume II: *The Rise of Classes and Nation-states, 1760–1914*. Cambridge: Cambridge University Press.

McBrearty, Sally; Alison Brooks. 2000. “The Revolution that wasn’t: A New Interpretation of the Origin of Modern Human Behavior.” *Journal of Human Evolution* 39: 453–563.

McNeill, John. 2000. *Something New Under the Sun: An Environmental History of the Twentieth Century World*. London, Penguin Books.

McNeill, John; William McNeill. 2003. *The Human Web: A Bird’s-Eye View of World History*. New York: W.W. Norton & Co.

McNeill, William. 1963. *The Rise of the West: A History of the Human Community*. Chicago: University of Chicago Press.

—1976. *Plagues and Peoples*. Garden City: Anchor Press.

—1982, 1984. *The Pursuit of Power: Technology, Armed Force and Society since AD 1000*. Chicago: University of Chicago Press.

—1986. “Organizing Concepts for World History.” *Review: Fernand Braudel Center* 10 (2): 211–229.

—1986. *Mythistory and Other Essays*. Chicago: University of Chicago Press.

—1991. *The Rise of the West: A History of the Human Community; with a retrospective essay*. Chicago: University of Chicago Press.

—1992. *The Global Condition: Conquerors, Catastrophes and Community*. Princeton: Princeton University Press.

—1995. *Keeping Together in Time: Dance and Drill in Human History*. Cambridge, Harvard University Press.

—1998. “History and the Scientific Worldview.” *History & Theory* 37 (1): 1–13.

—1998. *The Disruption of Traditional Forms of Nurture: Essay and Discussion*. Amsterdam: Het Spinhuis.

—2001. “Passing Strange: The Convergence of Evolutionary Science with Scientific History.” *History & Theory* 40 (1): 1–15.

- 2005. *The Pursuit of Truth: A Historian's Memoir*. Lexington: The University of Kentucky Press.
- Mears, John. 2001. "Agricultural Origins in Global Perspective." *Agricultural and Pastoral Societies in Ancient and Classical History*, pp. 36–70, M. Adas (editor). Philadelphia: Temple University Press.
- 2011. *To Be Human: Perspectives on Our Common History*. (Forthcoming).
- Mellars, Paul. 2006 (20 June). "Why did modern human populations disperse from Africa ca. 60,000 years ago? A new model." *Proceedings of the National Academy of Sciences* 103 (25): 9381–9386.
- Menzies, Gavin. 2002. *1421: The Year China Discovered America*. London: Bantam Press.
- Mumford, Lewis. 1961. *The City in History: Its Origins, Its Transformations, and Its Prospects*. New York: Harcourt, Brace and World.
- Neimark, Jill. 2007 (April). "Autism: It's Not Just in the Head." *Discover Magazine*, p. 33: (<http://discovermagazine.com/2007/apr/autism-it2019s-not-just-in-the-head>).
- O'Brien, Patrick. 2008. *Global History for Global Citizenship*. London: London School of Economics, Global History & Maritime Asia Working & Discussion Paper # 7.
- Osborne, Roger; Don Tarling. 1995. *The Viking Historical Atlas of the Earth*. Harmondsworth: Penguin Books.
- Ostrowski, Donald. 1989. 'The Historian and the Virtual Past.' *The Historian* 51 (2): 201–220.
- Pollard, Sidney. 1981, 1992. *Peaceful Conquest: The Industrialization of Europe 1760–1970*. Oxford: Oxford University Press.
- Pomeranz, Kenneth. 2000. *The Great Divergence: Europe, China, and the Making of the Modern World Economy*. Princeton, Princeton University Press.
- Pannekoek, Anton. 1953. *Anthropogenesis: A Study of the Origins of Man*. Amsterdam: North-Holland Publishing.
- Ponting, Clive. 1992. *A Green History of the World*. Harmondsworth: Penguin Books.
- Poole, Robert. 2008. *Earthrise: How Man First Saw the Earth*. New Haven: Yale University Press.
- Pringle, Heather. 2007 (8–9 May). "Firestorm from Space Wiped out Prehistoric Americans." *New Scientist* # 2605: 26.

Pyne, Stephen. 1982. *Fire in America: A Cultural History of Wildland and Rural Fire*. Princeton: Princeton University Press.

—2001. *Fire: A Brief History*. London: The British Museum Press.

Rathje, William; Cullen Murphy. 1992. *Rubbish! The Archaeology of Garbage: What our Garbage tells us about ourselves*. New York: Harper Collins Publishers.

Redman, Charles. 1978. *The Rise of Civilization: From Early Farmers to Urban Society in the Ancient Near East*. San Francisco: W.H. Freeman & Company.

Reed, Charles (editor). 1977. *Origins of Agriculture*. Den Haag: Mouton Publishers.

Reed, David; Vincent Smith, Shaless Hammond, Alan Rogers, Dale Clayton. 2004. “Genetic Analysis of Lice Supports Direct Contact between Modern and Archaic Humans.” *Public Library of Science Biology* 2 (11): e340.

Reijnders, Lucas. 2006. “Is Increased Energy Utilization Linked to Greater Cultural Complexity? Energy Utilization by Australian Aboriginals and Traditional Swidden Agriculturalists.” *Environmental Sciences* 3 (3): 207–220.

Renfrew, Colin; Paul Bahn. 1991. *Archaeology: Theory, Methods and Practice*. London: Thames & Hudson.

Roberts, John. 1976. *History of the World*. New York: Alfred M. Knopf.

Roberts, Neil. 1998. *The Holocene: An Environmental History*. Oxford: Basil Blackwell.

Roebroeks, Wil (editor). 2007. *Guts and Brains: An Integrative Approach to the Hominin Record*. Amsterdam: Amsterdam University Press.

Romein, Jan Marius. 1937. “De dialectiek van de vooruitgang. Bijdrage tot het ontwikkelingsbegrip in de geschiedenis.” *Het onvoltooid verleden: kultuurhistorische studies*, pp. 9–64. Amsterdam: Querido.

Secord, James. 2000. *Victorian Sensation: The Extraordinary Publication, Reception, and Secret Authorship of Vestiges of the Natural History of Creation*. Chicago: University of Chicago Press.

Sherratt, A. 1981. “Plough and Pastoralism: Aspects of the Secondary Products Revolution.” *Pattern of the Past: Studies in Honour of David Clarke*, pp. 261–305, Ian Hodder, Glynn Isaac, Norman Hammond (editors). Cambridge: Cambridge University Press.

—1996. “Plate Tectonics and Imaginary Prehistories: Structure and Contingency in Agricultural Origins.” *The Origins and Spread of Agriculture and Pastoralism in Eurasia*, pp. 130–140, David Harris, (editor). London: UCL Press.

—1997. “Climatic Cycles and Behavioural Revolutions: The Emergence of Modern Humans and the Beginning of Farming.” *Antiquity* 71 (272): 271–287.

Smith, Bruce. 1995. *The Emergence of Agriculture*. New York: W.H. Freeman & Company.

Smith, M. Estellie. 2000. *Trade and Trade-offs: Using Resources, Making Choices, and Taking Risks*. Prospect Heights: Waveland Press.

Smith, Virginia. 2007. *Clean: A History of Personal Hygiene and Purity*. Oxford: Oxford University Press.

Snooks, Graeme. *The Dynamic Society: Exploring the Sources of Global Change*, London: Routledge, 1996.

Snow, Philip. 1988. *Star Raft: China's Encounter with Africa*. Ithaca: Cornell University Press.

Snow, Charles. 1959. *The Two Cultures and the Scientific Revolution*. Cambridge: Cambridge University Press

Spier, Fred. 1990. “Religie in de mensheidsgeschiedenis: Naar een model van de ontwikkeling van religieuze regimes in een lange-termijnperspectief.” (Religion in the History of Humankind: Toward a Model of the Development of Religious Regimes in a Long-term Perspective). *Amsterdams Sociologisch Tijdschrift* 16 (4): 88–122.

—1992. “Een oud probleem: de relaties tussen mensen en het natuurlijk milieu in een lange termijnperspectief.” (An Old Problem: The Relations between Humans and the Natural Environment Seen from a Long-term Perspective). *De Gids* 150 (2): 96–108.

—1994. *Religious Regimes in Peru: Religion and State Development in a Long-term Perspective and the Effects in the Andean Village of Zurite*. Amsterdam: Amsterdam University Press.

—1995. *San Nicolás de Zurite: Religion and Daily Life of an Andean Village in a Changing World*. Amsterdam: VU University Press.

Stearns, Peter. 1993. *The Industrial Revolution in World History*. Boulder: Westview Press.

Stern, Fritz (editor). 1956. *The Varieties of History: From Voltaire to the Present*. Cleveland: Meridian Books.

Stringer, Chris; Clive Gamble. 1993. *In Search of the Neanderthals*. London: Thames & Hudson.

Swabe, Joanna. 1998. *Animals, Disease and Human Society: Human-animal Relations and the Rise of Veterinary Medicine*. London: Routledge.

Tainter, Joseph. 1988. *The Collapse of Complex Societies*. Cambridge: Cambridge University Press.

Thorpe, S.; R. Holder, R. Crompton. 2007. "Origin of Human Bipedalism As an Adaptation for Locomotion on Flexible Branches." *Science* 316 (5829): 1328–1331.

Trefil, James. 1997. *Are We Unique? A Scientist Explores the Unparalleled Intelligence of the Human Mind*. New York: John Wiley & Sons.

Tudge, Colin. 1995, 1996. *The Day Before Yesterday: Five Million Years of Human History*. London: Random House.

Vélez, Antonio. 2007. *Homo Sapiens*. Bogotá: Villegas Editores S.A.

Smil, Vaclav. 1994. *Energy in World History*. Boulder: Westview Press.

Voros, Joseph. 2006. "Nesting Social-Analytical Perspectives: An Approach to Macro-Social Analysis." *Journal of Futures Studies* 11 (1): 1–21. Available at ([www.jfs.tku.edu.tw/pdf/A01.pdf](http://www.jfs.tku.edu.tw/pdf/A01.pdf)).

—2007. "Macro-Perspectives Beyond the World System." *Journal of Futures Studies* 11 (3): 1–28. Available at ([www.jfs.tku.edu.tw/11-3/A01.pdf](http://www.jfs.tku.edu.tw/11-3/A01.pdf)).

Vos, John de. 2004. "Evolution of Man: The Adaptative Radiation Model." *Miscelanea en homenaje a Emiliano Aguirre*, Volume 3, *Paleoantropología*, pp. 406–413, Susana Rubio Jara and Enrique Baquedano Pérez (editors).

Vries, Jan de. 2008. *The Industrious Revolution: Consumer Behavior and the Household Economy, 1650 to the Present*. Cambridge: Cambridge University Press.

Wallerstein, Immanuel. 1974. *The Modern World-System: Capitalist Agriculture and the Origins of the European World-Economy in the Sixteenth Century*. San Diego: Academic Press.

—1980. *Modern World System II: Mercantilism and the Consolidation of the European World Economy, 1600–1750*. San Diego: Academic Press.

—1983. *Historical Capitalism*. London: Verso.

—1989. *The Modern World-System III: The Second Era of Great Expansion of the Capitalist World-Economy, 1730–1840s*. New York: Academic Press.

Weber, Maximilian. 1925, 1978, 1997. *Economy and Society: An Outline of Interpretive Sociology* (two volumes). Berkeley: University of California Press.

—1925, 1997. *The Theory of Social and Economic Organization*. New York: The Free Press.

—1927. *General Economic History*. London: George Allen & Unwin.

Wenke, Robert; Deborah Olszewski. 2007. *Patterns in Prehistory: Humankind's First Three Million Years* (Casebooks in Criticism). Oxford: Oxford University Press.

White, L. 1959. *The Evolution of Culture: The Development of Civilization to the Fall of Rome*. New York: McGraw-Hill.

—1975. *The Concept of Cultural Systems: A Key to Understanding Tribes and Nations*. New York: Columbia University Press.

Wills, Christopher. 1999. *Children of Prometheus: The Accelerating Pace of Human Evolution*. New York: Basic Books.

Wolf, Eric. 1966. *Peasants*. Englewood Cliffs: Prentice-Hall.

—1982. *Europe and the People without History*. Berkeley: University of California Press.

Wolpoff, Milford; Rachel Caspari. 1997. *Race and Human Evolution: A Fatal Attraction*. New York: Simon & Schuster.

### *Economics, Technology & Energy*

Allen, Timothy; Joseph Tainter, Thomas Hoekstra. 2003. *Supply-Side Sustainability*. New York: Columbia University Press.

Hubbert, M. King. 1956. *Nuclear Energy and the Fossil Fuels*. Houston: Shell Development Company, Publication # 95.

—1971 (September). “The Energy Resources of the Earth.” *Scientific American* 225 (3): 60–84.

International Energy Agency. 2007. *Key World Energy Statistics 2007*. Paris: International Energy Agency.

Landes, D. 1969. *The Unbound Prometheus: Technological Change and Industrial Development in Western Europe from 1730 to the Present*. Cambridge: Cambridge University Press.

—1998. *The Wealth and Poverty of Nations: Why Some Are So Rich and Some So Poor*. New York: W.W. Norton & Company.

Lapperre, P. 1997. *Sociologie en Techniek: Lange termijn wisselwerkingen tussen technologie en maatschappij [Sociology and Technology: Long-term Interactions between Technology and Society]*. Eindhoven: Eindhoven University of Technology, Department of Technology Management.

MacKay, David. 2008. *Sustainable Energy–Without the Hot Air*. Cambridge: UIT Cambridge. Available at ([www.withouthotair.com](http://www.withouthotair.com)).

McKenna, Phil. 2008 (19 November). “Plumbing the Oceans could Bring Limitless Clean Energy.” *New Scientist* # 2683: 28–29.

Meadows, Donella; Dennis Meadows, Jørgen Randers, William Behrens III. 1972. *The Limits to Growth: A Report for the Club of Rome Project on the Predicament of Mankind*. New York: Potomac Associates.

Meadows, Dennis. 1972. *Rapport van de Club van Rome: De grenzen aan de groei*. Utrecht/Antwerp: Het Spectrum, Aula 500.

Reijnders, Lucas. 2006. *Energie: Van brandhout tot zonnecel*. Amsterdam: Uitgeverij Van Genneep.

Schumacher, Ernst. 1973, 1989. *Small Is Beautiful: Economics as if People Mattered*. New York: Harper Perennial.

Tainter, Joseph; T. Allen, Amanda Little, Thomas Hoekstra. 2003. “Resource Transitions and Energy Gain: Contexts of Organization.” *Conservation Biology* 7 (3): 4, ([www.consecol.org/vol7/iss3/art4](http://www.consecol.org/vol7/iss3/art4)).

Trivedi, Bijal. 2007 (1 September). “Toxic cocktail.” *New Scientist* # 2619: 44–47.

Turner, Graham. 2008. “A Comparison of the Limits to Growth with 30 Years of Reality.” *Global Environmental Change* 18 (3): 397–411.

Scientific American. 1971 (September ). “Energy and Power.” *Scientific American, Special Issue* 225 (3).

Smil, Vaclav. 2006. *Energy: A Beginner’s Guide*. Oxford: One World Publications.

White, L. 1943. “Energy and the Evolution of Culture.” *American Anthropologist* 45: 335–356.

*Historiography*

- Bloch, Marc. 1949, 1954, 1984. *The Historian's Craft*. Manchester: Manchester University Press.
- Carr, Edward. 1968. *What is History?* Harmondsworth: Penguin Books, 1961.
- Collingwood, Robin. 1946, 1993. *The Idea of History*. Oxford, Clarendon Press.
- Kitson Clark. 1967. *The Critical Historian*. New York: Basic Books.
- Moore, R. 1997. "World History." *Companion to Historiography*, pp. 941-959, Michael Bentley (editor). London: Routledge.
- Ostrowski, Donald. 2003. *Three Criteria of Historical Study*: (<http://hudce7.harvard.edu/~ostrowski/dawnciv/history.pdf>).
- Ravitch, Diane; Arthur Schlesinger Jr. 1996 (3 April). "The New, Improved History Standards." *The Wall Street Journal*.
- Sanderson, Stephen. 1995. *Social Transformations: A General Theory of Historical Development*. Oxford: Basil Blackwell.
- Shipp, Thomas. 2007. "Clash of World Views." *New Scientist* #2608: 26.
- Slicher van Bath, Bernard. 1978. *Geschiedenis: theorie en praktijk*. Utrecht/Antwerp: Het Spectrum.
- Smail, Daniel. 2005. "In the Grip of Sacred History." *The American Historical Review* 110 (5): 1337–1361.
- Stavrianos, Leften. 1989. *Lifelines from our Past: A New World History*. New York: Pantheon Books.
- 1971, 1995. *A Global History: From Prehistory to the Present*. Englewood Cliffs: Prentice-Hall.
- Thomas, Jo. 1996 (3 April). "Revised History Standards Defuse Explosive Issues." *New York Times*.
- Tosh, John. 1992. *The Pursuit of History: Aims, Methods & New Directions in the Study of Modern History*. London: Longman.
- Trefil, James. 1994. *A Scientist in the City*. New York: Doubleday.
- Trefil, James; Robert Hazen. 1995. *The Sciences: An Integrated Approach*. New York: John Wiley & Sons.

Waldrop, M. Mitchell. 1992, 1993. *Complexity: The Emerging Science at the Edge of Order and Chaos*. London: Viking.

Walsh, William. 1951. *An Introduction to Philosophy of History*. London: Hutchinson.

Wesseling, H. 1995. *Onder historici: Opstellen over geschiedenis en geschiedschrijving*. Amsterdam: Uitgeverij Bert Bakker.

Woo, Elaine. 1996 (3 April). "Standards for Teaching History Unveiled—Again." *Los Angeles Times*.

### *Philosophy*

Barrow, John; Frank Tipler. 1986. *The Anthropic Cosmological Principle*. Oxford: Oxford University Press.

Lange, Frits de. 1997. *Gevoel voor verhoudingen: God, evolutie en ethiek*. Kampen: Uitgeverij Kok.

Monod, Jacques. 1971. *Chance and Necessity*. New York: Alfred Knopf.

### *Popular Journalism*

Time Magazine. 1969 (10 January). "The Awesome Views from Apollo 8." *Time Magazine* (Atlantic edition): 29.

—1969 (3 January). "Nation: Men of the Year." *Time Magazine*: 9–12.

National Geographic. 2009. *Energy for Tomorrow: Repowering the Planet*. Special Spring Issue.

### *Creative Writing*

Asimov, Isaac. Foundation Series.

Borman, Frank. 1969 (3 February). "A Science Fiction World—Awesome, Forlorn Beauty." *Life Magazine*, pp. 19–20.

MacLeish, Archibald. 1968 (25 December). "A Reflection: Riders on Earth Together, Brothers in Eternal Cold." *New York Times*.

### *Children's Books*

Gronek, Erica. 2010. *And Then There was You....* Phoenix, Arizona: Lulu, published by the author.

Marshall, James. 1998. *Goldilocks and the Three Bears: Retold and Illustrated by James Marshall*. New York: Puffin Books.

Morgan, Jennifer. 2002. *Born with a Bang: The Universe Tells our Cosmic Story*, book 1. Dana Lynne Andersen (illustrator). Nevada City: Dawn Publications.

## Internet & Film Resources on Big History

*The Arrow of Time: A Linear Rendering of Forward Time.*

([www.tufts.edu/as/wright\\_center/cosmic\\_evolution/docs/fr\\_1/fr\\_1\\_intro\\_movies.html](http://www.tufts.edu/as/wright_center/cosmic_evolution/docs/fr_1/fr_1_intro_movies.html)).

Eric Chaisson and Dana Berry, Wright Center for Science Education, Tufts University, 2007.

*Big History*

Wikipedia: ([http://en.wikipedia.org/wiki/Big\\_history](http://en.wikipedia.org/wiki/Big_history)).

*Big History*, University of Amsterdam

(<http://www.communities.uva.nl/bighistory>).

Fred Spier, site manager.

*Big History*, Twitter Site

(<http://twitter.com/bighistory>).

Fred Spier, site manager, University of Amsterdam.

*Big History*, University of Southern Maine

(<http://usm.maine.edu/lac/global/bighistory/>). Resource site of syllabi, web-links, essays, etc.

Barry Rodrigue, site manager, University of Southern Maine.

*Big History Club*, Facebook

([www.facebook.com/pages/Big-](http://www.facebook.com/pages/Big-History/99185533648?sid=40f694f1b5d227bf7337df0b885fd88c&ref)

[History/99185533648?sid=40f694f1b5d227bf7337df0b885fd88c&ref](http://www.facebook.com/pages/Big-History/99185533648?sid=40f694f1b5d227bf7337df0b885fd88c&ref)). This is an international club for Big History students, run by the students themselves.

John Kimball (University of Southern Maine), site manager.

*Big History Group Library*, Zotero

([www.zotero.org/groups/big\\_history/items](http://www.zotero.org/groups/big_history/items)).

Rich Blundell, site manager.

*Bill Gates about 'Big History' course*

([www.youtube.com/watch?v=lyQiS-QGRc8&feature=related](http://www.youtube.com/watch?v=lyQiS-QGRc8&feature=related)). YouTube, 22 April 2009.

Bill Gates (Microsoft Corporation) and Charlie Rose (Public Broadcasting Service).

*Chronozoom*

(<http://share.seadragon.com/demos/ChronoZoom/firstgeneration.html>).

Walter Alvarez & Roland Saekow, Earth & Planetary Science, University of California Berkeley.

*Cosmic Evolution: From Big Bang to Humankind*

([www.tufts.edu/as/wright\\_center/cosmic\\_evolution/docs/splash.html](http://www.tufts.edu/as/wright_center/cosmic_evolution/docs/splash.html)).  
Eric Chaisson, Wright Center for Science Education, Tufts University.

*Cosmos*

Public Broadcasting Service, 1980. This is a 13-part television series.  
Carl Sagan, Ann Druyan and Steven Soter.

*The Great Story: An Epic of Evolution*

(<http://thegreatstory.org/>).  
Connie Barlow, website manager.

*The Institute of Global Dynamic Systems*

(<http://econrsss.anu.edu.au/GDSCpapers.htm>).  
Graeme Snooks, Institute of Advanced Studies, Australian National University.

*An Introduction to 'Big History' with David Christian and William H. McNeill*

([www.youtube.com/watch?v=lBCvpIK7g8U](http://www.youtube.com/watch?v=lBCvpIK7g8U)). YouTube broadcast, 30 December 2008.  
David Christian (Macquarie University) and William McNeill (University of Chicago).

*Science & Canon for Human Culture*

([www90.homepage.villanova.edu/lowell.gustafson/ottawa/](http://www90.homepage.villanova.edu/lowell.gustafson/ottawa/)). Click inside the opening slide and  
the use your keyboard arrows to move through the show.  
Lowell Gustafson (Villanova University).

*World History for Us All*

(<http://worldhistoryforusall.sdsu.edu/>). This is a web-based, pre-collegiate model curriculum  
incorporating Big History into World History.  
Ross Dunn, project director, San Diego State University.

*Zooming In & Out of History*

(<http://public.csusm.edu/west038/index.html>).  
John West, History Department, California State University San Marcos.