

## Chapter 1

Darwin, C.R. (1859) *On the Origin of Species by Means of Natural Selection, or the Preservation of Favoured Races in the Struggle for Life*, London, John Murray.

## Chapter 2

Berner, R.A. and Caldeira, K. (1997) 'The need for mass balance and feedback in the geochemical carbon cycle', *Geology*, vol. 25, pp. 955–956.

## Chapter 3

Berner, R.A. and Kothavala, Z. (2001) 'GEOCARB III: a revised model of atmospheric CO<sub>2</sub> over Phanerozoic time', *American Journal of Science*, vol. 301, pp. 182–204.

Gibbs, M.T., Bluth, G.J.S., Fawcett, P.J. and Kump, L.R. (1999) 'Global chemical erosion over the last 250 My: variations due to changes in paleogeography, paleoclimate, and paleogeology', *American Journal of Science*, vol. 299, pp. 611–651.

Hay, W.W. (1996) 'Tectonics and climate', *Geologische Rundschau*, vol. 85, pp. 409–437.

Lyell, C. (1998) *Principles of Geology* (abridged edn, J. Secord (ed.)), London, Penguin Books Ltd.

Self, S., Thordarson, T. and Widdowson, M. (2005) 'Gas fluxes from flood basalt eruptions', *Elements*, vol. 1, pp. 283–287.

Winguth, A.M.E., Heinze, C., Kutzbach, J.E., Maier-Reimer, E., Mikolajewicz, U., Rowley, D., Rees, A. and Ziegler, A.M. (2002) 'Simulated warm polar currents during the middle Permian', *Paleoceanography*, vol. 17, no. 4, p. 1057.

## Chapter 4

Harris, N.B.W. (2000) 'The role of the Himalaya and the Tibetan Plateau in climate control', *Science Spectra*, issue 23, pp. 24–32.

Ruddiman, W.F. (1997) *Tectonic Uplift and Climate Change*, New York, Plenum Press.

## Chapter 5

Conway-Morris, S. (1999) *The Crucible of Creation: The Burgess Shale and the Rise of Animals*, Oxford, Oxford Paperbacks.

Darwin, C. (1998 [1859]) *The Origin of Species* (new edn), Gramercy Books.

Dawkins, R. (2006) *The Selfish Gene* (3rd edn), Oxford, Oxford University Press.

Knoll, A. (2004) *Life on a Young Planet: the First Three Billion Years of Evolution on Earth*, Princeton, Princeton University Press.

Lovelock, J. (2000) *Gaia – a New Look at Life on Earth*, Oxford, Oxford Paperbacks.

## Chapter 6

Conway-Morris, S. (1999) *The Crucible of Creation*, Oxford, Oxford University Press.

McCall, G.J.H. (2006) 'The Vendian (Ediacaran) in the geological record: enigmas in geology's prelude to the Cambrian explosion', *Earth Science Reviews*, vol. 77, issues 1–3, pp. 1–229.

Runnegar, B. and Gehling, J.G. (2001) 'Understanding the Ediacarans in the context of early animal evolution', *American Zoologist*, vol. 41, no. 6, p. 1573.

Ward, P. and Brownlee, D. (2003) *Rare Earth: Why Complex Life is Uncommon in the Universe*, Springer.

## Chapter 7

Brentnall, S.J., Beerling, D.J., Osborne, C.P., Harland, M., Francis, J.E., Valdes, P.J. and Wittig, V.E. (2005) 'Climatic and ecological determinants of leaf lifespan in polar forests of the high CO<sub>2</sub> Cretaceous "greenhouse" world', *Global Change Biology*, vol. 11, no. 12, pp. 2177–2195.

Rees, P.M., Gibbs, M.T., Ziegler, A.N., Kutzbach, J.E. and Behling, P.J. (1999) 'Permian climates: evaluating model predictions using global paleobotanical data', *Geology*, vol. 27, no. 10, pp. 891–894.

Skelton, P.W., Spicer, R.A., Kelley, S.P. and Gilmour, I. (2003) *The Cretaceous World*, Cambridge, Cambridge University Press.