

# References

## I. New Discoveries Defining Complexity

Wikipedia, Complex System

[http://en.wikipedia.org/wiki/Complex\\_system](http://en.wikipedia.org/wiki/Complex_system)

Brown J.H. & West G.B. (2000). *Scaling in Biology* (Oxford University Press).

<http://www.santafe.edu/research/publications/bookinforev/sibsummary.php>

The origin of allometric scaling laws in biology from genomes to ecosystems: towards a quantitative unifying theory of biological structure and organization. *J. Exp. Biol.* 208: 1575-1592.

<http://jeb.biologists.org/cgi/content/abstract/208/9/1575>

West G.B. (1999). The Origin of Universal Scaling Laws in Biology. *Physica A* 263: 104-113.

<http://people.cmr.cornell.edu/~ginsparg/Phys446-546/gbwsc199.pdf>

West G.B., Brown J.H. & Enquist B.J. (1997) A General Model for the Origin of Allometric Scaling Laws in Biology. *Science* 276: 122-126.

<http://biology.unm.edu/jhbrown/Published/GenModelOriginAlloScalingLaws.pdf>

Kates R.W. et al. 2001 : Sustainability Science. *Science* 292, 641.

<http://www.sciencemag.org/cgi/content/full/292/5517/641/DC1>

Steffen, W. et al. 2004: *Global Change and the Earth System* (Springer).

Executive summary: [www.igbp.kva.se/documents/IGBP\\_ExecSummary.pdf](http://www.igbp.kva.se/documents/IGBP_ExecSummary.pdf)

Schellnhuber, H.J. et al. 2006: *Avoiding Dangerous Climate Change* (Cambridge University Press).

<http://www.cambridge.org/uk/catalogue/catalogue.asp?isbn=0521864712>

Lenton T.M., Schellnhuber H.J. & Szathmáry E. (2004). Climbing the co-evolution ladder. *Nature* 431: 913.

<http://www.nature.com/nature/journal/v431/n7011/full/431913a.html>

Schellnhuber H.J. (1999). 'Earth system' analysis and the second Copernican revolution. *Nature* 402: C19-C23.

[http://www.nature.com/nature/journal/v402/n6761supp/full/402c19a0\\_fs.html](http://www.nature.com/nature/journal/v402/n6761supp/full/402c19a0_fs.html)

Schellnhuber H.J., Crutzen P.J., Clark W.C. & Hunt J. (2005). Earth system analysis for sustainability. *Environment* 47 (8): 10-25.

<http://www.heldref.org/env.php>

Hacking I. (2006). What is Tom saying to Maureen? *London Review of Books* 28 (9).

[http://www.lrb.co.uk/v28/n09/hack01\\_.html](http://www.lrb.co.uk/v28/n09/hack01_.html)

Schreibman L (2005). *The science and fiction of autism*. (Harvard University Press).

<http://www.hup.harvard.edu/catalog/SCHSCI.html>

Faller J. (2000). Bose-Einstein Condensation in a Dilute Atomic Vapor. in *A Century of Excellence in Measurements, Standards, and Technology*, NIST Special Publication 958: 375-378.

<http://www.bec.nist.gov/PDF/faller.pdf>

## II. Origin and Migrations of Modern Humans

Wikipedia, Human origin and evolution.

[http://en.wikipedia.org/wiki/Human\\_evolution](http://en.wikipedia.org/wiki/Human_evolution)

Wikipedia, Human migration.

[http://en.wikipedia.org/wiki/Human\\_migration](http://en.wikipedia.org/wiki/Human_migration)

National Geographic, Atlas of the Human Journey.

<https://www3.nationalgeographic.com/genographic/atlas.html>

Cann R.L. & Wilson A.C. (2003) The Recent African Genesis of Humans. *Scientific American* 13: 54-61.

[http://www.sciamdigital.com/index.cfm?fa=Products.ViewIssuePreview&ARTICLEID\\_CHAR=41743B46-FEB5-AA86-1A2D5EF0BA284305](http://www.sciamdigital.com/index.cfm?fa=Products.ViewIssuePreview&ARTICLEID_CHAR=41743B46-FEB5-AA86-1A2D5EF0BA284305)

Thorne A.G. & Wolpoff M.H. (2003) The Multiregional Evolution of Humans. *Scientific American* 13: 46-53.

[http://www.sciamdigital.com/index.cfm?fa=Products.ViewIssuePreview&ARTICLEID\\_CHAR=41730949-B01B-49E3-73A6E0BF8053E9DB](http://www.sciamdigital.com/index.cfm?fa=Products.ViewIssuePreview&ARTICLEID_CHAR=41730949-B01B-49E3-73A6E0BF8053E9DB)

Mellars, P. (2005). The impossible coincidence. A single-species model for the origins of modern human behavior in Europe. *Evolutionary Anthropology* 14: 12-27.

<http://www3.interscience.wiley.com/cgi-bin/abstract/109876470/ABSTRACT?CRETRY=1&SRETRY=0>

Klein, R. (2000). Archaeology and the evolution of human behaviour. *Evolutionary Anthropology* 9(1): 17-36.

<http://www3.interscience.wiley.com/cgi-bin/abstract/70002904/ABSTRACT>

Pääbo, S., Poinar, H., Serre, D., Jaenicke-Després, V., Hebler, J., Rohland, N., Kuch, M., Krause, J., Vigilant, L., & Hofreiter, M. (2004). Genetic analyses from ancient DNA. *Ann. Rev. Genetics* 38: 645-79.

<http://arjournals.annualreviews.org/doi/abs/10.1146%2Fannurev.genet.37.110801.143214>

Enard, W. & Pääbo, S. (2004). Comparative primate genomics. *Ann. Rev. Genomics Hum. Genet.* 5: 351-78.

<http://arjournals.annualreviews.org/doi/abs/10.1146/annurev.genom.5.061903.180040?journalCode=enom>

Gray R. (2005). Pushing the time barrier in the quest for language roots. *Science* 309 : 2007-2008.

<http://www.sciencemag.org/cgi/content/summary/sci:309/5743/2007>

Dunn M., Terrill A., Reesink G., Foley R.A. & Levinson S.C. (2005). Structural Phylogenetics and the Reconstruction of Ancient Language History. *Science* 309: 2072-2075

<http://www.sciencemag.org/cgi/content/abstract/309/5743/2072?view=abstract>