

NS3106: Evolution

[View Online](#)

Alberts, Bruce, *Molecular Biology of the Cell* (Sixth Edition), Sixth edition (Garland Science, Taylor and Francis Group, 2015)

<<https://bibliu.com/users/saml/samlLeicester?RelayState=eyJjdXN0b21fbGF1bmNoX3VybC16liMvdmlldy9ib29rcy85NzgwMzkzNTM2OTY2L2VwdWlvRVBVQi9jb250ZW50LzAuMS4wLWNvdmVyLmh0bWwifQ%3D%3D>>

'Animation High Throughput Sequencing', n.d.

<<http://www.sumanasinc.com/webcontent/animations/content/highthroughput2.html>>

'Animation Human Genome', n.d.

<<http://www.sumanasinc.com/webcontent/animations/content/humangenome.html>>

'Animation Meiosis', n.d.

<<http://www.sumanasinc.com/webcontent/animations/content/meiosis.html>>

'Animation Mendel's Law', n.d.

<<http://www.sumanasinc.com/webcontent/animations/content/mendelindassort.html>>

'Animation Mitosis', n.d.

<<http://www.sumanasinc.com/webcontent/animations/content/mitosis.html>>

'Animations', n.d.

<http://higher.mheducation.com/sites/0072437316/student_view0/chapter12/animations.html>

Barnosky, Anthony D., and others, 'Has the Earth's Sixth Mass Extinction Already Arrived?', *Nature*, 471.7336 (2011), pp. 51–57, doi:10.1038/nature09678

Barton, Nicholas H., *Evolution* (Cold Spring Harbor Laboratory Press, 2007)

Benton, M. J. and Harper, D. A. T., *Introduction to Paleobiology and the Fossil Record* (Wiley, 2008)

<http://le.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=5662444550002746&institutionId=2746&customerId=2745>

— and Harper, D. A. T., *Introduction to Paleobiology and the Fossil Record* (Wiley, 2008)

<<http://ezproxy.lib.le.ac.uk/login?url=http://www.mylibrary.com?id=200223>>

Black, Rhona M., *The Elements of Palaeontology*, 2nd ed (Cambridge University Press, 1988)

Brooker, Robert J., and others, *Biology*, Fourth edition (McGraw-Hill Education, 2017)

Cavalli-Sforza, L. Luca, and Marcus W. Feldman, 'The Application of Molecular Genetic Approaches to the Study of Human Evolution', *Nature Genetics*, 33.3s (2003), pp. 266–75, doi:10.1038/ng1113

Clarkson, E. N. K., *Invertebrate Palaeontology and Evolution*, 4th ed (Blackwell Science, 1998)

<http://le.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=5663334570002746&institutionId=2746&customerId=2745>

—, *Invertebrate Palaeontology and Evolution*, 4th ed (Blackwell Science, 1998)

<<http://ezproxy.lib.le.ac.uk/login?url=http://www.mylibrary.com?id=237162>>

'"Cycle Sequencing" Biology Animation Library :: DNA Learning Center', n.d.

<<http://www.dnalc.org/resources/animations/cycseq.html>>

Doebley, John, and others, 'The Limits of Selection during Maize Domestication', *Nature*, 398.6724 (1999), pp. 236–39, doi:10.1038/18435

Doebley, John F., Brandon S. Gaut, and Bruce D. Smith, 'The Molecular Genetics of Crop Domestication', *Cell*, 127.7 (2006), pp. 1309–21, doi:10.1016/j.cell.2006.12.006

Doebley, John, Adrian Stec, and Lauren Hubbard, 'The Evolution of Apical Dominance in Maize', *Nature*, 386.6624 (1997), pp. 485–88, doi:10.1038/386485a0

EDU - Evolution, Ecology and Behavior with Stephen C. Stearns, n.d.

<<http://www.youtube.com/course?list=EC6299F3195349CCDA>>

'Evolution in Action', n.d.

<<http://www.sumanasinc.com/webcontent/animations/content/evolution/evolution.html>>

Gillespie, John H., *Population Genetics: A Concise Guide*, 2nd ed (Johns Hopkins University Press, 2004)

<<https://www.vlebooks.com/product/openreader?id=LeicesterU&acclId=8981756&isbn=9781421401706>>

Green, R. E., and others, 'A Draft Sequence of the Neandertal Genome', *Science*, 328.5979 (2010), pp. 710–22, doi:10.1126/science.1188021

Hammer, Michael F., 'Human Hybrids', *Scientific American*, 308.5 (2013), pp. 66–71, doi:10.1038/scientificamerican0513-66

'Introduction: Human Evolution - Life - 04 September 2006 - New Scientist', n.d.

<<http://www.newscientist.com/article/dn9990-introduction-human-evolution.html?full=true#.VCAnI7d0yHA>>

Introduction to Evolution and Natural Selection, 21 AD

<<http://www.youtube.com/watch?v=GcjgWov7mTM>>

Jobling, Mark A., *Human Evolutionary Genetics*, 2nd edition (Garland Science, 2013)

<<https://ebookcentral.proquest.com/lib/leicester/detail.action?docID=5842987>>

Jones, Steve, Martin, Robert, and Pilbeam, David, *The Cambridge Encyclopedia of Human Evolution* (Cambridge University Press, 1992)

Marciniak, Stephanie, and others, 'Ancient Human Genomics: The Methodology behind Reconstructing Evolutionary Pathways', *Journal of Human Evolution*, 79 (2015), pp. 21–34, doi:10.1016/j.jhevol.2014.11.003

Mason, Kenneth A., and others, *Biology*, Eleventh edition (McGraw-Hill Education, 2017)

McCormick, Tim, and Richard A. Fortey, 'The Ordovician Trilobite Carolinites, A Test Case for Microevolution in A Macrofossil Lineage', *Palaeontology*, 45.2 (2002), pp. 229–57, doi:10.1111/1475-4983.00235

Nicholas P. Sille, Margaret E. Collinson, Michal Kucera and Jerry J. Hooker, 'Morphological Evolution of Stratiotes through the Paleogene in England: An Example of Microevolution in Flowering Plants', *PALAIOS*, 21.3 (2006), pp. 272–88
<<http://www.jstor.org/stable/20172995>>

Niedźwiedzki, Grzegorz, and others, 'Tetrapod Trackways from the Early Middle Devonian Period of Poland', *Nature*, 463.7277 (2010), pp. 43–48, doi:10.1038/nature08623

Origins of Us - Bones, n.d. <<http://bobnational.net/record/73222>>

Origins of Us - Brains, n.d. <<http://bobnational.net/record/75171>>

Origins of Us - Guts, n.d. <<http://bobnational.net/record/74385>>

'Patterns of Inheritance — University of Leicester', n.d.
<<http://www2.le.ac.uk/departments/genetics/vgec/schoolscolleges/topics/inheritancepatterns>>

'Phylogenetic Trees and Monophyletic Groups | Learn Science at Scitable', n.d.
<<http://www.nature.com/scitable/topicpage/reading-a-phylogenetic-tree-the-meaning-of-41956>>

'Population Genetics — University of Leicester', n.d.
<<http://www2.le.ac.uk/departments/genetics/vgec/schoolscolleges/topics/population-genetics>>

Prüfer, Kay, and others, 'The Complete Genome Sequence of a Neanderthal from the Altai Mountains', *Nature*, 505.7481 (2013), pp. 43–49, doi:10.1038/nature12886

Prum, O Richard, 'Which Came First, the Feather or the Bird?', *Scientific American*, 288.3 (2003), doi:12616863

Reece, Jane B. and Campbell, Neil A., *Biology*, 9th ed (Pearson Education, 2011)
<http://le.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=5663539150002746&institutionId=2746&customerId=2745>

Ridley, Mark, *Evolution*, 3rd ed (Blackwell, 2004)
<<https://ebookcentral.proquest.com/lib/leicester/detail.action?docID=428065>>

Ridley, Mark, *Evolution*, 3rd ed (Blackwell, 2004)
<<https://ebookcentral.proquest.com/lib/leicester/detail.action?docID=428065>>

'Sanger Method of DNA Sequencing, 3D Animation with Narration :: DNA Learning Center', n.d.
<<http://www.dnalc.org/view/15479-Sanger-method-of-DNA-sequencing-3D-animation-with-narration.html>>

Shubin, Neil H., Edward B. Daeschler, and Farish A. Jenkins, 'The Pectoral Fin of *Tiktaalik Roseae* and the Origin of the Tetrapod Limb', *Nature*, 440.7085 (2006), pp. 764–71, doi:10.1038/nature04637

Stearns, S. C. and Hoekstra, Rolf, *Evolution: An Introduction*, 2nd ed (Oxford University Press, 2005)

Stoneking, Mark, and Johannes Krause, 'Learning about Human Population History from Ancient and Modern Genomes', *Nature Reviews Genetics*, 12.9 (2011), pp. 603–14, doi:10.1038/nrg3029

'The Cell Cycle, Mitosis and Meiosis — University of Leicester', n.d.
<<http://www2.le.ac.uk/departments/genetics/vgec/schoolscolleges/topics/cellcycle-mitosis-meiosis/the-cell-cycle-mitosis-and-meiosis>>

The Power of Comparative Genomics, 4 AD
<<http://www.youtube.com/watch?v=mU9ROpm6d70&feature=autoplay&list=PLE040E80C872E47CF&playnext=1>>

'Trait Evolution on a Phylogenetic Tree | Learn Science at Scitable', n.d.
<<http://www.nature.com/scitable/topicpage/trait-evolution-on-a-phylogenetic-tree-relatedness-41936>>

Veeramah, Krishna R., and Michael F. Hammer, 'The Impact of Whole-Genome Sequencing on the Reconstruction of Human Population History', *Nature Reviews Genetics*, 15.3 (2014), pp. 149–62, doi:10.1038/nrg3625

Vollbrecht, Erik, and others, 'Architecture of Floral Branch Systems in Maize and Related Grasses', *Nature*, 436.7054 (2005), pp. 1119–26, doi:10.1038/nature03892

Wake, D. B., and V. T. Vredenburg, 'Colloquium Paper: Are We in the Midst of the Sixth Mass Extinction? A View from the World of Amphibians', *Proceedings of the National Academy of Sciences*, 105.Supplement 1 (2008), pp. 11466–73, doi:10.1073/pnas.0801921105

Wang, Huai, and others, 'The Origin of the Naked Grains of Maize', *Nature*, 436.7051 (2005), pp. 714–19, doi:10.1038/nature03863

Zeigler, David, *Evolution: Components and Mechanisms* (Academic Press, 2014)
<<https://ebookcentral.proquest.com/lib/leicester/detail.action?docID=1675861>>