

# NS3106: Evolution

[View Online](#)

Alberts, Bruce. Molecular Biology of the Cell (Sixth Edition). Sixth edition. New York, NY: Garland Science, Taylor and Francis Group, 2015. Web.  
<[https://bibliu.com/users/saml/samlLeicester?RelayState=eyJjdXN0b21fbGF1bmNoX3VybCI6IiMvdmlldy9ib29rcy85NzgwMzkzNTM2OTY2L2VwdWIvRVBQi9jb250ZW50LzAuMS4wLWNvdmVyLmh0bWwifQ%3D%3D](https://bibliu.com/users/saml/samlLeicester?RelayState=eyJjdXN0b21fbGF1bmNoX3VybCI6IiMvdmlldy9ib29rcy85NzgwMzkzNTM2OTY2L2VwdWIvRVBQi9jb250ZW50LzAuMS4wLWNvdmVyLmh0bWwifQ%3D%3D>)>.

'Animation High Throughput Sequencing'. N.p., n.d. Web.  
<<http://www.sumanasinc.com/webcontent/animations/content/highthroughput2.html>>.

'Animation Human Genome'. N.p., n.d. Web.  
<<http://www.sumanasinc.com/webcontent/animations/content/humangenome.html>>.

'Animation Meiosis'. N.p., n.d. Web.  
<<http://www.sumanasinc.com/webcontent/animations/content/meiosis.html>>.

'Animation Mendel's Law'. N.p., n.d. Web.  
<<http://www.sumanasinc.com/webcontent/animations/content/mendelindassort.html>>.

'Animation Mitosis'. N.p., n.d. Web.  
<<http://www.sumanasinc.com/webcontent/animations/content/mitosis.html>>.

'Animations'. N.p., n.d. Web.  
<[http://highered.mheducation.com/sites/0072437316/student\\_view0/chapter12/animations.html](http://highered.mheducation.com/sites/0072437316/student_view0/chapter12/animations.html)>.

Barnosky, Anthony D. et al. 'Has the Earth's Sixth Mass Extinction Already Arrived?' Nature 471.7336 (2011): 51–57. Web.

Barton, Nicholas H. Evolution. Cold Spring Harbor, N.Y.: Cold Spring Harbor Laboratory Press, 2007. Print.

Benton, M. J. and Harper, D. A. T. Introduction to Paleobiology and the Fossil Record. Hoboken, NJ: Wiley, 2008. Web.  
<[http://le.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package\\_service\\_id=5662444550002746&institutionId=2746&customerId=2745](http://le.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=5662444550002746&institutionId=2746&customerId=2745)>.

---. Introduction to Paleobiology and the Fossil Record. Hoboken, NJ: Wiley, 2008. Web.  
<<http://ezproxy.lib.le.ac.uk/login?url=http://www.myilibrary.com?id=200223>>.

Black, Rhona M. The Elements of Palaeontology. 2nd ed. Cambridge: Cambridge University Press, 1988. Print.

Brooker, Robert J. Biology. 2nd ed. New York: McGraw-Hill Higher Education, 2010. Print.

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): 266–275. Web.

Clarkson, E. N. K. Invertebrate Palaeontology and Evolution. 4th ed. Oxford: Blackwell Science, 1998. Web.

<[http://le.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package\\_service\\_id=5663334570002746&institutionId=2746&customerId=2745](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. Oxford: Blackwell Science, 1998. Web. <<http://ezproxy.lib.le.ac.uk/login?url=http://www.mylibrary.com?id=237162>>.

“Cycle Sequencing” Biology Animation Library :: DNA Learning Center’. N.p., n.d. Web. <<http://www.dnalc.org/resources/animations/cycseq.html>>.

Doebley, John et al. 'The Limits of Selection during Maize Domestication'. *Nature* 398.6724 (1999): 236–239. Web.

Doebley, John F., Brandon S. Gaut, and Bruce D. Smith. 'The Molecular Genetics of Crop Domestication'. *Cell* 127.7 (2006): 1309–1321. Web.

Doebley, John, Adrian Stec, and Lauren Hubbard. 'The Evolution of Apical Dominance in Maize'. *Nature* 386.6624 (1997): 485–488. Web.

'EDU - Evolution, Ecology and Behavior with Stephen C. Stearns'. Web. <<http://www.youtube.com/course?list=EC6299F3195349CCDA>>.

'Evolution in Action'. N.p., n.d. Web. <<http://www.sumanasinc.com/webcontent/animations/content/evolution/evolution.html>>.

Gillespie, John H. Population Genetics: A Concise Guide. 2nd ed. Baltimore, Md: Johns Hopkins University Press, 2004. Print.

Green, R. E. et al. 'A Draft Sequence of the Neandertal Genome'. *Science* 328.5979 (2010): 710–722. Web.

Hammer, Michael F. 'Human Hybrids'. *Scientific American* 308.5 (2013): 66–71. Web.

'Introduction: Human Evolution - Life - 04 September 2006 - New Scientist'. N.p., n.d. Web. <<http://www.newscientist.com/article/dn9990-introduction-human-evolution.html?full=true#.VCAnI7d0yHA>>.

'Introduction to Evolution and Natural Selection'. 21AD. Web. <<http://www.youtube.com/watch?v=GcjgWov7mTM>>.

Jobling, Mark A. Human Evolutionary Genetics. 2nd edition. New York, N.Y.: Garland Science, 2013. Web.

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

Jones, Steve, Martin, Robert, and Pilbeam, David. *The Cambridge Encyclopedia of Human Evolution*. Cambridge: Cambridge University Press, 1992. Print.

Marciniak, Stephanie et al. 'Ancient Human Genomics: The Methodology behind Reconstructing Evolutionary Pathways'. *Journal of Human Evolution* 79 (2015): 21–34. Web.

McCormick, Tim, and Richard A. Fortey. 'The Ordovician Trilobite Carolinates, A Test Case for Microevolution in A Macrofossil Lineage'. *Palaeontology* 45.2 (2002): 229–257. Web.

Nicholas P. Sille, Margaret E. Collinson, Michal Kucera and Jerry J. Hooker. 'Morphological Evolution of Stratiotites through the Paleogene in England: An Example of Microevolution in Flowering Plants'. *PALAIOS* 21.3 (2006): 272–288. Web.  
[<http://www.jstor.org/stable/20172995>](http://www.jstor.org/stable/20172995).

Niedźwiedzki, Grzegorz et al. 'Tetrapod Trackways from the Early Middle Devonian Period of Poland'. *Nature* 463.7277 (2010): 43–48. Web.

'Origins of Us - Bones'. Web. <<http://bobnational.net/record/73222>>.

'Origins of Us - Brains'. Web. <<http://bobnational.net/record/75171>>.

'Origins of Us - Guts'. Web. <<http://bobnational.net/record/74385>>.

'Patterns of Inheritance — University of Leicester'. N.p., n.d. Web.  
[<http://www2.le.ac.uk/departments/genetics/vgec/schoolscolleges/topics/inheritancepatterns>](http://www2.le.ac.uk/departments/genetics/vgec/schoolscolleges/topics/inheritancepatterns).

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

'Population Genetics — University of Leicester'. N.p., n.d. Web.  
[<http://www2.le.ac.uk/departments/genetics/vgec/schoolscolleges/topics/population-genetics>](http://www2.le.ac.uk/departments/genetics/vgec/schoolscolleges/topics/population-genetics).

Prüfer, Kay et al. 'The Complete Genome Sequence of a Neanderthal from the Altai Mountains'. *Nature* 505.7481 (2013): 43–49. Web.

Prum, O Richard. 'Which Came First, the Feather or the Bird?' *Scientific American* 288.3 (2003): n. pag. Web.  
[<http://www.nature.com/scientificamerican/journal/v288/n3/pdf/scientificamerican0303-84.pdf>](http://www.nature.com/scientificamerican/journal/v288/n3/pdf/scientificamerican0303-84.pdf).

Raven, Peter H. et al. *Biology*. 10th ed. New York, NY: McGraw-Hill, 2013. Print.

Reece, Jane B. and Campbell, Neil A. *Biology*. 9th ed. Boston: Pearson Education, 2011. Web.  
[<http://le.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&am p;package\\_service\\_id=5663539150002746&institutionId=2746&customerId=2745>](http://le.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&am p;package_service_id=5663539150002746&institutionId=2746&customerId=2745).

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

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

'Sanger Method of DNA Sequencing, 3D Animation with Narration :: DNA Learning Center'. N.p., n.d. Web.  
<<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): 764-771. Web.

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

Stoneking, Mark, and Johannes Krause. 'Learning about Human Population History from Ancient and Modern Genomes'. *Nature Reviews Genetics* 12.9 (2011): 603-614. Web.

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

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

'Trait Evolution on a Phylogenetic Tree | Learn Science at Scitable'. N.p., n.d. Web.  
<<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): 149-162. Web.

Vollbrecht, Erik et al. 'Architecture of Floral Branch Systems in Maize and Related Grasses'. *Nature* 436.7054 (2005): 1119-1126. Web.

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): 11466-11473. Web.

Wang, Huai et al. 'The Origin of the Naked Grains of Maize'. *Nature* 436.7051 (2005): 714-719. Web.

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