

**Canadian Fossil Discovery Centre
Evolution Education Kit
Grade 12**

This kit includes material for both resource as well as instruction including supplemental lesson plans to compliment a Manitoba Biology 40S course. You can choose to use the lessons or create your own with the resources available. Please ensure all material in the listed on page 2 is present before beginning and when returning the kit. We also ask that all the items be returned in the same manner that they were sent in.

The Canadian Fossil Discovery Centre (CFDC) would like to thank the educators and volunteers who assisted in creating the education kits and its sponsors for financial assistance, Town of Morden, Cultural Capital of Canada and Ledcor Inc.

Each educational kit from the CFDC can be supplemented by a educational program at the museum itself, for further information please contact us at info@discoverfossils.com **204-822-3406** or on the world wide web at www.discoverfossils.com.

Materials and Resources

Books

Equipment

Lesson Plans

- 1) Phylogenetic Systematics: Evolutionary Trees
- 2) Fossil Record: Trilobite Lab
- 3) Natural Selection: Marine Reptiles

Websites

www.ucmp.berkeley.edu/clad/clad4.html
www.evolution.berkeley.edu/evolibrary
<http://nsm1.nsm.iup.edu/rgendron/Caminalcules.shtml>
www.pbs.org/wgbh/evolution
www.ucmp.berkeley.edu/education/lessons/clipbirds/

References

Gould, S. J. 1990. Wonderful Life: The Burgess Shale and the Nature of History.

Sokal, R. 1983a. A phylogenetic analysis of the Caminalcules. I. The database. Systematic Zoology 32: 159-184

Sokal, R. 1983b. A phylogenetic analysis of the Caminalcules. II. Estimating the true cladogram. Systematic Zoology 32: 185-201