

Forestry Station ~ 2013

Forestry Station Learning Goals

1. Native tree identification
2. Know Minnesota's biomes
3. Understand the Carbon Cycle and its relationship to forests
4. Understand sap flow in maples and how maple syrup is made
5. Know how to use a Biltmore stick to measure trees
6. Understand how harvested wood is utilized in North America

Suggested Resources

Tree Identification:

- <http://www.slideshare.net/hanso355/150-dpi-35-x-5-in10262010>
- <http://www.extension.umn.edu/distribution/naturalresources/DD6593.html>
- <http://nac.unl.edu/publications.htm>

Biomes and Native Species:

- <http://www.dnr.state.mn.us/forestry/education/treeforallseasons/nativetrees.html>
- <http://www.dnr.state.mn.us/biomes/index.html>
- **Leopold, Aldo, and Charles Walsh. Schwartz.** *A Sand County Almanac, and Sketches Here and There*. New York: Oxford UP, 1987.
 - Chapter: December

Carbon Cycle:

- <http://dovetailinc.org/reportsview/2012/responsible-materials/pjim-bowyerp/carbon-101>
- <http://dovetailinc.org/reportsview/2011/sustainable-forestry/pjim-bowyerp/managing-forests-carbon-mitigation>

Maple Syrup:

- <http://employees.csbsju.edu/ssaupe/biol327/lab/maple/maple-sap.htm>
- <http://www.mnmaple.org/>

Biltmore Stick:

- <http://forestry.usu.edu/htm/rural-forests/forest-management/forest-timber-management/measuring-tree-volume-with-a-biltmore-stick/>
- http://www.agriculture.purdue.edu/fnr/stoutwoods/act_biltmore.html

Utilization of Harvested Wood:

- <http://dovetailinc.org/reportsview/2012/sustainable-forestry/pjim-bowyerp/utilization-harvested-wood-north-american-forest->