

FTY 112/ESP 112 – Forests Through Time: Discussions
Spruce/Fir Trees and Wildlife Assignment: 20 pt
Due Tuesday, April 1, 2008

Points are give for proper usage of information from the reading, approximately 1 point per information item. Extra credit is possible by providing more information than expected.

1. Use the readings to develop a list of at least 3-5 disturbances that occurred in the spruce/fir forest during the 1800's. Describe how each disturbance impacted the forest by changing species composition and/or structure, especially successional stages. Disturbances include what was cut, what was done to support the cutting, and natural disturbances. (10 pt).

The following readings will be most helpful:

Wilson, J.S. 2005. Nineteenth Century Lumber Surveys for Bangor, Maine: Implications for Pre-European Settlement Forest Characteristics in Northern and Eastern Maine. *Journal of Forestry* 103:218-223. (mainly 218, 219, 222, 223)

Smith, D.C. 1972. *A History of Lumbering in Maine 1861-1960*. University of Maine Studies No. 93, University of Maine Press, Orono. 469 p. p. 11-27

2. "A History of Lumbering in Maine" describes some of the effort needed to cut trees and bring them to the mill. What are some major limitations that explain why the volume of wood cut in the 1800's was only 1/6th of what is cut today. (10 pt).