

UNH Cooperative Extension  
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**NEW! On-line registration  
see details on back panel**



photo courtesy Dave Govatski

## **Lowland Spruce Fir Forests: Their Ecology and Management**

**May 20, 2011**

**White Mountains  
Regional High School**

**127 Regional Rd.  
Whitefield, NH**

**8:30 - 3:30 pm**

**NH Licensed Forester 3.5 CEU's  
NHPLP Certification 8.0 CEU's  
SAF Category I 5.0 CFE's**

Visit [www.nhwoods.org](http://www.nhwoods.org) and click on the **Calendar** for a listing of upcoming activities.

### **Directions to White Mountains Regional High School:**

**From I-93 N :** Take exit 35 to merge onto US-3 N/Daniel Webster Hwy toward Twin Mountain/Lancaster for 21.9 miles. Turn left at School Rd for .4 miles. Continue onto Boutwell Rd for .1 mile. Turn left at the High School. Go to the Auditorium for the indoor session and walking directions to the outdoor session.

### **Sponsored by:**

NH Division of Forests and Lands  
NH Fish and Game Department  
UNH Cooperative Extension  
White Mountains Regional High School



## Lowland Spruce-Fir Forests: Their Ecology and Management

New Hampshire's lowland spruce-fir forest provide for a unique combination of wildlife habitat, timber resources, and recreational opportunities. As a result, these forests are important for sustaining both local and regional economies, as well as a diversity of both common and uncommon plant and wildlife species. For these reasons, lowland spruce-fir forests have been identified as wildlife habitats in greatest need of conservation in the New Hampshire Wildlife Action Plan.

Managing lowland spruce-fir forests for quality forest products, wildlife habitat, and recreation may initially appear to require managers to juggle conflicting objectives. However, carefully planned timber harvesting can be an effective tool that allows landowners to regularly extract timber resources, while simultaneously enhancing habitat diversity and recreational opportunities. Still, timber harvesting in this forest type often presents numerous challenges, including those associated with successfully regenerating desired timber species, operating machinery in difficult soil conditions, and working with natural disturbances such as insects and blow down.

In this workshop you will learn about the ecology of lowland spruce-fir forests, including where they occur, how they differ from other forest types, and how they provide habitat for a diverse array of plants and wildlife. You will learn about the common silvicultural systems used to regenerate spruce-fir, and the most currently accepted best management practices for working in these forests. Finally, we will discuss how silviculture to produce quality forest products can be used to simultaneously create and maintain habitat conditions for game and non-game wildlife species.

This workshop is for foresters, wildlife biologists, loggers, and landowners.

### Agenda

- 8:30–9:00 am **Registration and Refreshments**
- 9:00–9:45 am **Ecology of Lowland Spruce-Fir Forests**
- 9:45–10:00 am **Break**
- 10:00–10:45 am **Silviculture and Logging Logistics**
- 10:45–11:00 am **Break**
- 11:00–11:45 pm **Managing for Habitat Diversity**
- 11:45–12:30 pm **Lunch (Bring Your Own)**

### Afternoon Session (Outdoors)

- 12:30–3:30 pm **In the Field**  
-visit to site (s) to observe and discuss information presented during the morning session
- 3:30 pm **Adjourn**

### Workshop Presenters

Emma Carcagno  
Dave Falkenham  
Brendan Prusik  
Will Staats  
Matt Tarr

### Questions about the program?

Matt Tarr 862-3594  
matt.tarr@unh.edu

### Questions about registration?

Debbie Anderson 862-1028  
debra.anderson@unh.edu

(No person shall be denied the opportunity to participate in this program because of inability to pay.)

### Registration Form-Lowland Spruce Fir Pre-registration is required by May 13.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

### NEW! On-line registration now available!

On-line registration is encouraged as space is limited. Registering on-line will hold your space until payment is received. You may register on-line and then forward a paper check or pay online by credit card or electronic check. If you do not have access to a computer, fill out the above form and mail in with your check to the address listed below:

**UNHCE BSC**  
**Lowland Spruce, event #8469**  
**59 College Rd., Taylor Hall**  
**Durham, NH 03824**

For on-line registration find the registration link in the What's New Box of [nhwoods.org](http://nhwoods.org) -or-

<http://bit.ly/lowlandspruce>

# \_\_\_\_\_ x \$30.00 per person

\$ \_\_\_\_\_ Amount enclosed

Please make checks payable to:

**UNH Cooperative Extension**

NOTE: If you have special needs in order to participate in this program, please contact us 2 weeks in advance of the program date informing us of your need, to allow us time to make the necessary arrangements. Thank you.