

Summary of the CFEOR sponsored workshop
“Uneven-aged Management and the Proportional-B Method for
Implementing Selection Silviculture”
Presented on June 25, 2009

Location: Conference Room at Tate's Hell State Forest Office, Carrabelle, Florida

Contents:

Workshop Description

Workshop Events Schedule

Attendance List

Presenters: Dale G. Brockway, Southern Research Station, USDA Forest Service and Edward F. Loewenstein, School of Forestry and Wildlife Sciences, Auburn University.

Workshop Description: Since the advent of policies encouraging Ecosystem Management, demand has increased for wider application of uneven-aged forest management methods, which maintain continuous canopy cover, conserve wildlife habitat and sustain ecosystem services. As organizations moved toward increased application of uneven-aged methods, the long-standing disadvantages of traditional approaches, such as diameter limit cutting (DLC), volume-guiding diameter limit (VGDL) and basal area-maximum diameter-diminution quotient (BDq), once again became apparent to practitioners. These methods either risk "high-grading" or are too complex and thus slow to apply, require highly trained and experienced field staffs and are more expensive per unit area than other methods. In overcoming the weaknesses of these traditional approaches, a new method, Proportional-B (Pro-B), was recently developed that streamlines application procedures. The Pro-B Method is a single-pass technique that simplifies application, yet maintains adequate structural and compositional control of the residual stand. It is quantifiable and produces consistent results across a range of forest stand conditions. The main focus of this workshop will be upon training attendees in use of the new Pro-B Method, including the new Pro-B Calculator that automatically computes tree marking guides from basic stand cruise data. During this session, discussion will be provided concerning (1) the historical development of uneven-aged management, (2) various approaches to uneven-aged management, (3) the new Proportional-B method, including when and how to apply it and when not to apply it, and (4) the new Pro-B Calculator for applying selection silviculture. Part of the session will then also address (5) strategies and methods for stand conversion from even-aged to uneven-aged structures and forest type conversions for changing the dominant tree species on sites, where appropriate. Following the indoor session, attendees will visit stands on the Tate's Hell State Forest to further discuss uneven-aged management and approaches for stand conversion.

Uneven-aged Management and the Proportional-B Method for Implementing Selection Silviculture

A CFEOR Sponsored Workshop

Date: 10:00am-5:00pm June 25, 2009

Location: Conference Room at Tate's Hell State Forest, 290 Airport Road, Carrabelle, FL 32322

Telephone: (850) 697-3734

*Presented by: CFEOR, Dale G. Brockway, Southern Research Station, USDA Forest Service and
Edward F. Loewenstein, School of Forestry and Wildlife Sciences, Auburn University.*

Events Schedule

10:00 am-12:30 pm (eastern time) The subject of uneven-aged management and the Proportional-B Method for implementing selection silviculture will be presented by Dale Brockway and Edward Loewenstein (there will also be a mid-morning break and refreshments).

12:30 pm-1:45 pm Break for lunch at *Hog Wild BBQ Buffet* at the corner of Hwy 98 and Airport Road.

1:45 pm-5:00 pm Field tour to examine and discuss conversion of pine plantations to uneven-aged systems, including tour of research plots for the current CFEOR project as well as previously thinned stands. Please be prepared for wet ground and weather. Attendees should plan on bringing rubber boots, insect repellent, water/liquids, and possibly rain gear. Carpooling is encouraged, we will be returning to the office.

5:00 pm Adjourn.

Note: This events schedule is liable to change due to weather or other reasons.

CFEOR Workshop Attendance list

June 25, 2009

Affiliation	Name
DOF	Dennis Hardin
DOF	Jimmy Roberts
DOF	David Speake
DOF	Kawika Bailey
DOF	Ace Haddock
DOF	George Serfass
DOF	Chris Colburn
DOF	Jason Love
DOF	David Morse
NWFWMD	Eric Toole
NWFWMD	Mark Herdon
NWFWMD	Mark Register
SRWMD	Charlie Houder
SRWMD	Randy Hall
Tall Timbers	David Ray
UF	Ajay Sharma
UF	Kimberly Bohn
UF	Nilesh Timilsina
UF/CFEOR	Holly Ober
UF/CFEOR	Taylor Stein
UF/CFEOR	Shibu Jose
UF/CFEOR	Nancy Peterson
UF/CFEOR	Melissa Kreye