

Density Management Study
Site Coordinator/Principal Investigator Conference Call
November 15, 2004

Present: Paul Anderson, Shanti Berryman, Sam Chan, John Cissel, Jeannette Griese, Craig Kintop, Dede Olson, Peter O'Toole, Shami Premdas, Frank Price, Klaus Puettmann, Hugh Snook, Charley Thompson

Updates

1. John Cissel (BLM, Study Coordinator)

- Reviewed DMS Steering Committee meeting on 11/9/04 (see attached notes)
 - Committee feels good about study progress and products
 - Committee wants to increase study visibility with BLM and PNW leadership
 - Need to brief M. Mottice and M. Haske before issuing BLM direction for new treatments
- New treatment proposal has been through several rounds of review; will be going out to PIs and SCs for final review before Thanksgiving
- Site histories are mostly complete; John will contact SCs to fill a few holes
- Study plans are nearly complete; need final version by 12/1/04
- GIS databases are essentially complete for Blue Ridge, OM Hubbard, Perkins Creek, Bottomline, Ten High and Green Peak, need to complete North Soup, Little Wolf, Sand Creek, Callahan Creek, Keel Mountain, and Delph Creek no later than 12/30/04.
- Need above information to complete first draft of the establishment report and study plan; top priority for next four months

2. Dede Olson (PNW, Wildlife Ecology)

- Year 5 post-treatment measurements will occur at Ten High and Delph Creek in 2005
- Currently analyzing post-treatment years 1 and 2 species and habitat responses; paper in prep
- Nearly finished study plan revision
- Need to clarify stream buffers applied at Ten High and North Soup
- Plan to start a riparian buffer synthesis paper with Paul and others in the second half of 2005
- Stephanie Wessell is almost finished with her thesis work and is preparing two papers, one on the effects of island size on organisms, and the other on community organization along microclimate and forest structure gradients
- New student (Matt Kluber sp?) is going to start working on down wood and salamander use in headwater streams as compared to large streams and clearcuts
- Field crew can collect additional GPS points for Ten High and Delph Creek this summer

3. Paul Anderson (PNW, Ecophysiologicalist)

- Field work is complete for this phase of microclimate and microsite work
- Data on stand density and light relationships now being analyzed
- Interim report posted on DMS website; final report expected by 12/31/04
- Chan et al. paper published in *Forest Snow and Landscape Research* (78 (1/2):151-172)

- Poster prepared for IUFRO symposium in August

4. *Shanti Berryman (OSU, Plant Ecologist)*

- Full set of vegetation plot measurements taken at Little Wolf, Blue Ridge, and North Soup in summer of 2004, plus redo of understory vegetation at Keel Mountain, Bottomline, OM Hubbard, and Sand Creek
- Crew will remeasure Ten High, Green Peak, Delph Creek, and Perkins Creek in 2005
- Organizing data to link with GIS databases on DMS website
- Progress report submitted on 6/30/05; next report due on 12/31/04, will have more results
- Have started manuscript on overstory/understory relationships for year 5 post-treatment results
- Field crew has helped with GPS measurements, and can do more as feasible in 2005

5. *Klaus Puettmann (OSU, Silviculturist)*

- Bob Fahey has finished data collection for his analysis of gap and edge effects on understory vegetation; plan is to complete analysis and manuscript in 2005
- Klaus is working with others on synthesis of results from young stand studies including assisting with a understory vegetation component for CLAMS, and producing a synthesis publication from the Willamette NF Young Stand Thinning and Diversity Study, DMS, and the HJA Uneven-Aged Management Project (there is also a related PNW synthesis effort just getting started (Paul A is participating in this effort))
- Manuscript from the Willamette NF Young Stand Thinning and Diversity Study describing overstory and understory responses from the year 5 data is nearly complete; Liane Beggs is defending this work for her MS on 12/6 (9AM)

6. *Sam Chan (OSU, Ecophysiologicalist)*

- Focus is on completing the Agenda 2020 headwater stream analysis comparing thinned, unthinned and clearcut young forests in terms of aquatic arthropods, periphytons, and stream channel characteristics; report due in April
- Thinning and underplanting results from the COPE Thinning Study are being edited for submission to Can. J. For. Res.
- Things are going well in Sam's new Sea Grant position

7. *Frank Price (BLM, Coos Bay Site Coordinator)*

- State Director Elaine Brong visited Coos Bay last week, including a stop at the North Soup DMS site; Frank highlighted the new treatment proposal
- There are no riparian buffers in the high density site,

8. *Craig Kintop (BLM, Roseburg Site Coordinator)*

- Little Wolf GIS data has vanished; Craig plans GPS work soon to get this back on track
- Craig has retagged most of the variable width treatment unit
- Marci Todd has just recently reported as the new Swiftwater Field Manager; will get her oriented to DMS as soon as feasible; John C plans visit on 12/2/04

9. Peter O'Toole (BLM, Eugene Site Coordinator)

- GIS databases submitted
- We need to carefully review the treatment proposal for the rethinning sites in light of existing conditions; there may not be enough volume for a commercially viable sale on some sites; need to define what size and species of tree is considered part of the target TPA; e.g., does a midstory redcedar count towards the target density?

10. Charley Thompson (BLM, Salem Site Coordinator)

- OSU vegetation crew collected some GPS data at Keel Mountain
- Need to complete Keel Mountain GIS work, then complete the Delph Creek GIS database
- Salem District has 1:12,000 aerial photos from 2003 now being scanned; will soon be available to post on the DMS website
- Low-elevation photos are available for most sites; most have been scanned; two have been successfully rectified (Delph Creek and Green Peak); contact John C if you have use for these resources

11. Hugh Snook (BLM, Salem Site Coordinator)

- Green Peak GIS database complete, although still checking a couple of inconsistencies
- Need to get Sand Creek and Callahan Creek GIS work on schedule
- Need to get the Callahan Creek control area mapped: Hugh will provide a base map to Dede, and Dede will delineate the control area
- What is needed in terms of reposting the sites? Treatment boundaries at a minimum; posting subtreatment boundaries will be very useful when the sites are marked for a second treatment; do not need to repost the Northwest Forest Plan riparian reserve widths

12. Jeannette Griese (BLM, State Office Silviculturist)

- FY 05 budget flat with 04
- Budget process appears to be headed towards more centralized approach

Near-term follow-up

John C - brief M. Mottice and M. Haske before issuing BLM IM for new treatments (12/17/04)

John C and SCs - need to fill a few holes in the site histories (12/30/04)

SCs - need to complete NS, LW, SC, CC, KM, and DC GIS databases (12/30/04)

All - final review of new treatment proposal (12/10/04)

PIs - final version of study plans (12/1/04)

Paul A - final microclimate/microsite report (12/31/04)

Shanti and Klaus - vegetation progress report (12/31/04)

Hugh and Dede - need to get the Callahan Creek control area mapped (12/15/04)

John C and Craig K - brief Marci Todd (12/2/04)

Thanks to all for participating,

John C