

Density Management Study
Site Coordinator/Principal Investigator Meeting
Eugene - 4/8/04

Present: Paul Anderson, Sam Chan, John Cissel, Dave Russell, Shanti Barryman, Craig Kintop, Larry Larsen, Jeannette Griese, Andy Moldenke, Dede Olson, Peter O'Toole, Klaus Puettmann, Hugh Snook, Shami Premdas, Frank Price, Charley Thompson, John Cissel

Updates

1. Hugh Snook

- Significant amount of snap-out from this winter's storm at Green Peak, several hundred trees affected in the NW corner of the moderate density treatment
- Periodic logging off of access road to Green Peak site will be occurring throughout the summer; Hull Oakes is the contractor and they are required to allow passage - just ask
- Mary's Peak Resource Area is starting an assessment of potential future treatments in the Callahan Creek and Sand Creek study areas; need to define study plan intent for future treatments

2. Peter O'Toole

- New clearcuts have appeared along the north boundary of Bottomline on adjoining private lands
- Locks will be switched on the gate to Bottomline soon; contact Peter or Shami for current access information and key
- Large-scale project that will likely involve lots of thinning and road work in the area surrounding TenHigh is planned for the next 5-8 years; road from Horton to the pond will be paved and lots of culverts will be replaced; more to come

3. Charley Thompson

- Some snap-out occurred at Delph Creek this winter
- Data collection at Delph Creek was completed this winter
- Stocking surveys of gaps at Delph Creek occurred this winter, consisted of a single plot in the center of each gap
- John C and Charley will visit Keel Mt on 5/11 in preparation for the 6/2 field trip

4. Frank Price

- Lots of wind/snowdown and snap-out at North Soup, relatively uniform
- Resource Area working on large-scale density management and road improvement project in the area of North Soup

5. Craig Kintop

- As anticipated, snag and down wood creation by natural processes is happening at OM Hubbard

6. Dave Russell

- Interested in keeping track of DMS progress and relating it to a ponderosa pine release study Dave has installed and monitors

7. Larry Larsen

- Major transitions in leadership have occurred in BLM State Office, DMS briefings of new leaders are needed

- May also be timely for briefings of political leaders

- Prescriptions for down wood and snags need more thought

8. Andy Moldenke

- Finished pitfall trapping and removed traps; 35,000 terrestrial arthropods have been identified and entered into a database; includes approximately 500 species

- Gap sites were very different; hosted many more species

- Working on aquatic arthropods now

- Looking at interactions of soil moisture with plant growth and arthropod productivity

9. Sam Chan

- Most of the microclimate analysis now complete; will have draft report for June 1 workshop; final report by 12/31/04

- Riparian buffer widths appear to not have a significant effect on riparian microclimate

- Sam's appointment with PNW ends 4/24/04; Sam is still dedicated to the DMS and will support it as he is able. We all recognize and appreciate the great work Sam has performed with DMS to date.

10.. Paul Anderson

- Paul expects to get more engaged in DMS analysis and reporting, especially the microsite work

11. Dede Olson

- Year 5 post-treatment measurements will occur on 3 sites in 2004

- In-stream habitat current focus of analysis

- Dede gave a tech transfer session on DMS findings at the Northwest Science and Society of NW Vertebrate Biology annual meeting recently

- Starting to work on an management oriented synthesis paper

- Stephanie Wessell will finish her thesis work this summer, then continue for a few months doing additional analyses of the most sensitive species
- Dede has a new MS student starting in the fall, thesis topic to be selected
- Nobu Susuki is working on species persistence risks at landscape scales - effect of disturbances, management activities, and other risks
- Looking for opportunity to test “anchor” theory, mobile reserves
- PNW is starting a biodiversity initiative in FY 05, workshop planned for 2/05; opportunity for DMS? more to come

12. Klaus Puettmann

- Interested in developing and using an ecological process-based model as way to integrate and generalize DMS results; SORTIE is one option Klaus is investigating
- Will be bringing on a post-doc in the fall to help with modeling

13. Shanti Berryman

- Working hard on data management, including finding and entering data; has hired a couple of work study students to help; send Shanti **all** DMS data
- Hiring a 6-person field crew for the summer vegetation plot measurements; Bob Fahey will be leading the crew under Shanti’s supervision

GIS coverages

- Hugh Snook distributed the prototype template with process documentation and metadata for Green Peak on CDs. Thanks to Hugh and Mark Koski for developing the prototype. Hugh described the process they followed. Basic hierarchy of information was 1. landlines, roads and streams, 2. treatment boundaries (e.g., moderate density treatment), 3. subtreatment (e.g., patch cuts, leave islands) and riparian buffer boundaries, 4. ground truth to fine-tune. Products need to be complete by the end of the fiscal year. John will follow-up with each Site Coordinator to develop a timeline and product expectations.

June 1 and 2 DMS workshop and field trips

The DMS workshop is a great opportunity for field practitioners, policy-makers, land managers, students, and interest groups and anyone else interested in young stand management to see and hear the latest findings from the DMS. Invite one and all. Registration is required, free, and online (<http://www.fsl.orst.edu/cfer/news/index.html>). Draft reports and publications will be distributed on a CD. Field trips to Green Peak and Keel Mountain.

Establishment report and study plan revision

- Outline distributed

- Site histories are mostly complete; thanks to site coordinators; John will follow up with a few more details, including marking guidelines and fuel treatments
- Study plan revisions due in June
- Field trip to Bottomline was held to discuss future treatments; notes and proposal for future treatments to come from Klaus

Follow-up

- Need to find a way to track activities and changed conditions on adjacent lands
- Annual Northwest Science meeting will be in Corvallis in March 2005; may be a good opportunity to showcase DMS work

Thanks to all for participating,
John C