



PACIFIC NORTHWEST AGROFORESTRY WORKING GROUP

Exploratory Workshop
May 14, 2013

Connie Harrington
Pacific Northwest Research Station

Future Collaborations with PNW Research Station

- 1. Summary of what is known**
- 2. Test of on-the-ground practices**
- 3. Basic research for multiple objectives**
- 4. Look for opportunities for future work & funding**

**Older papers may be relevant to
new questions**

**A Method of Site Quality
Evaluation for Red Alder**

**Evaluating Sites for Planting
Hardwoods in the Pacific Northwest**

**Yield Comparison of Three
Douglas-Fir Plantations on Former
Farmland in Western Washington**

PNW agroforestry practices may involve different species than in other regions

USDA
United States
Department of
Agriculture
Forest Service

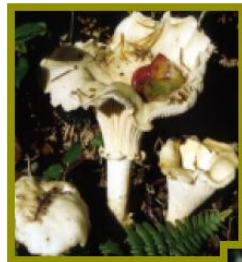
PNW
Pacific Northwest
Research Station

General Technical
Report
PNW-GTR-513
September 2001



SPECIAL FOREST PRODUCTS Species Information Guide for the Pacific Northwest

Nan C. Vance, Melissa Borsting, David Pilz, and
Jim Freed

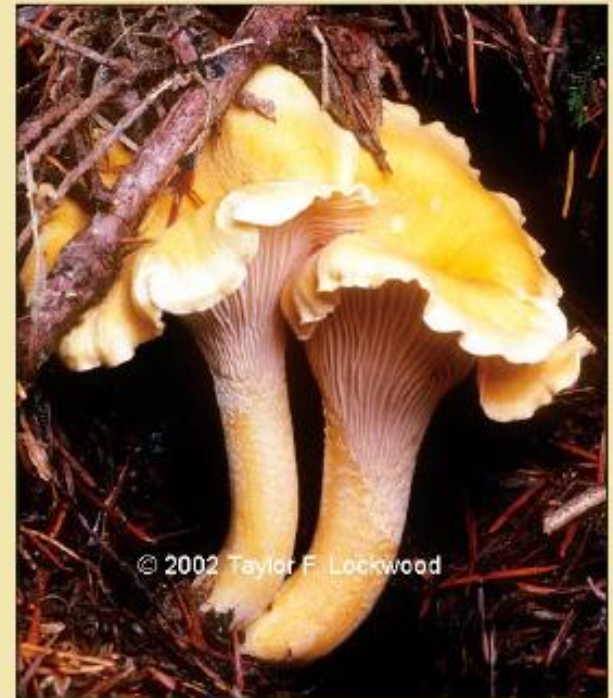


United States
Department of
Agriculture
Forest Service
Pacific Northwest
Research Station
General Technical
Report
PNW-GTR-575
March 2005



Ecology and Management of Commercially Harvested Chanterelle Mushrooms

David Pilz, Lorelei Norvell, Eric Danell, and
Randy Molina



© 2002 Taylor F. Lockwood



California hazel



Salal

Research done for
other purposes may
provide useful
background



Wild rose

Silvopasture

The Starkey Project is a comprehensive field research project. Studies examine key questions about elk, timber, cattle, deer, recreation uses and nutrient flows.



F. Vanni

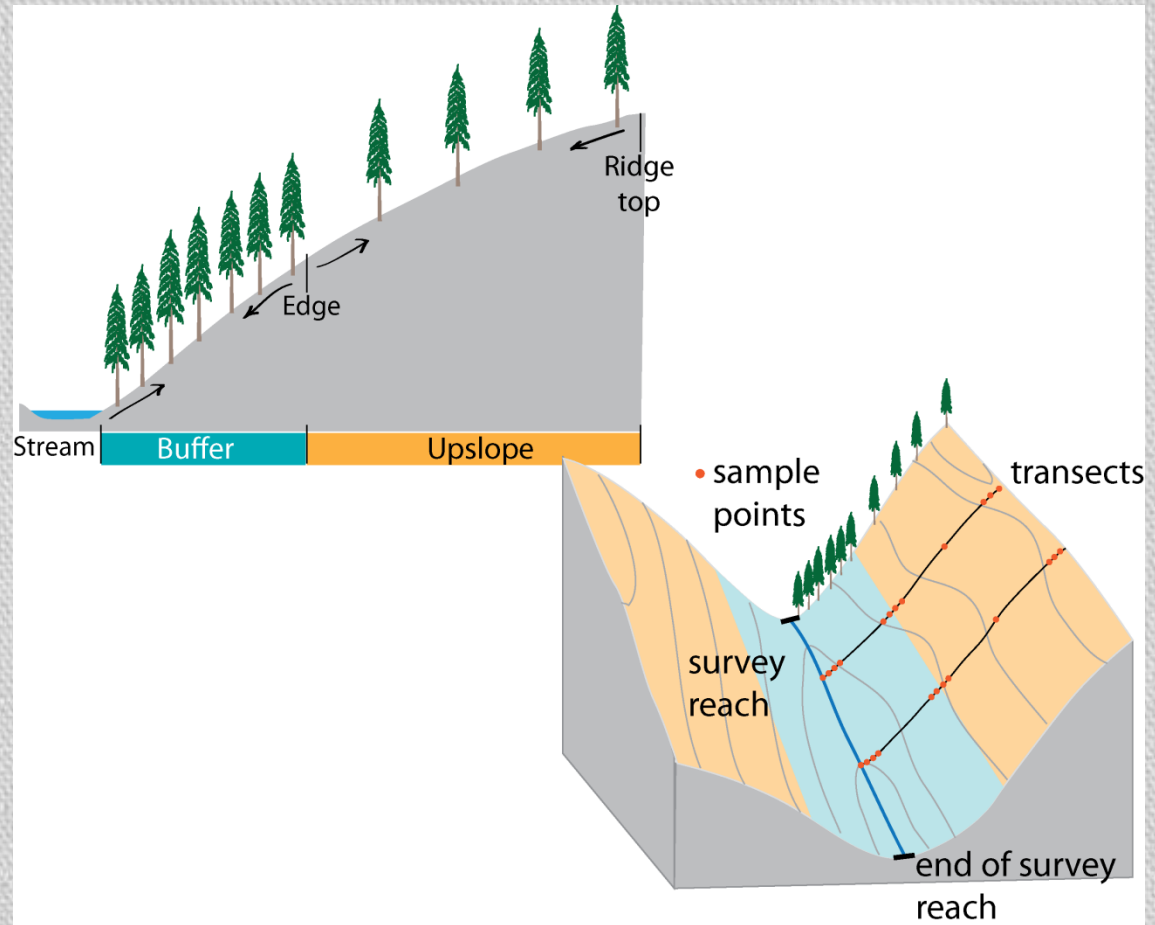


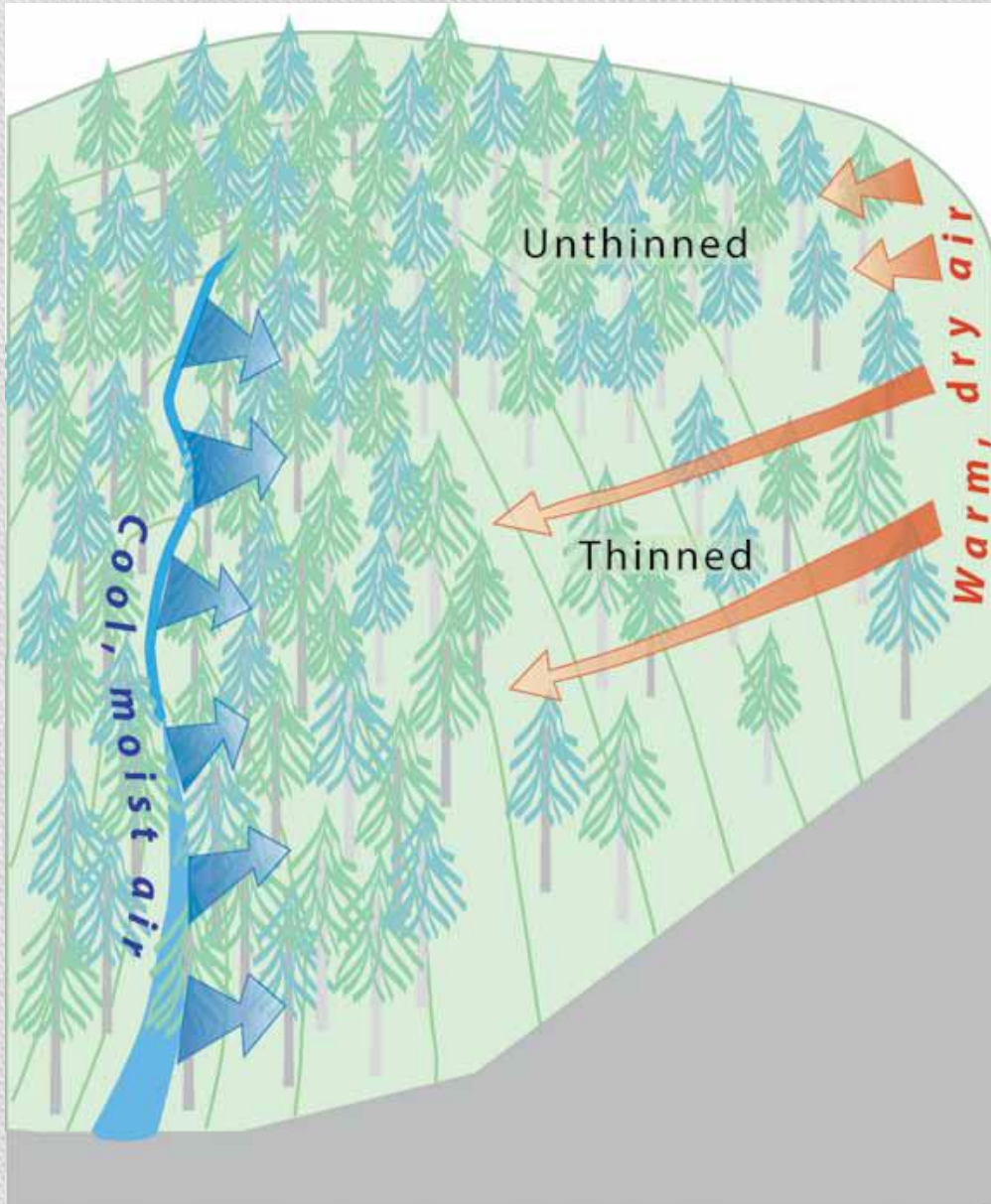
M. Wisdom

<http://www.fs.fed.us/pnw/starkey/>

Riparian filter strips

DMS Riparian Microclimate and Microsite Study: Sampling from Stream to Ridge Top

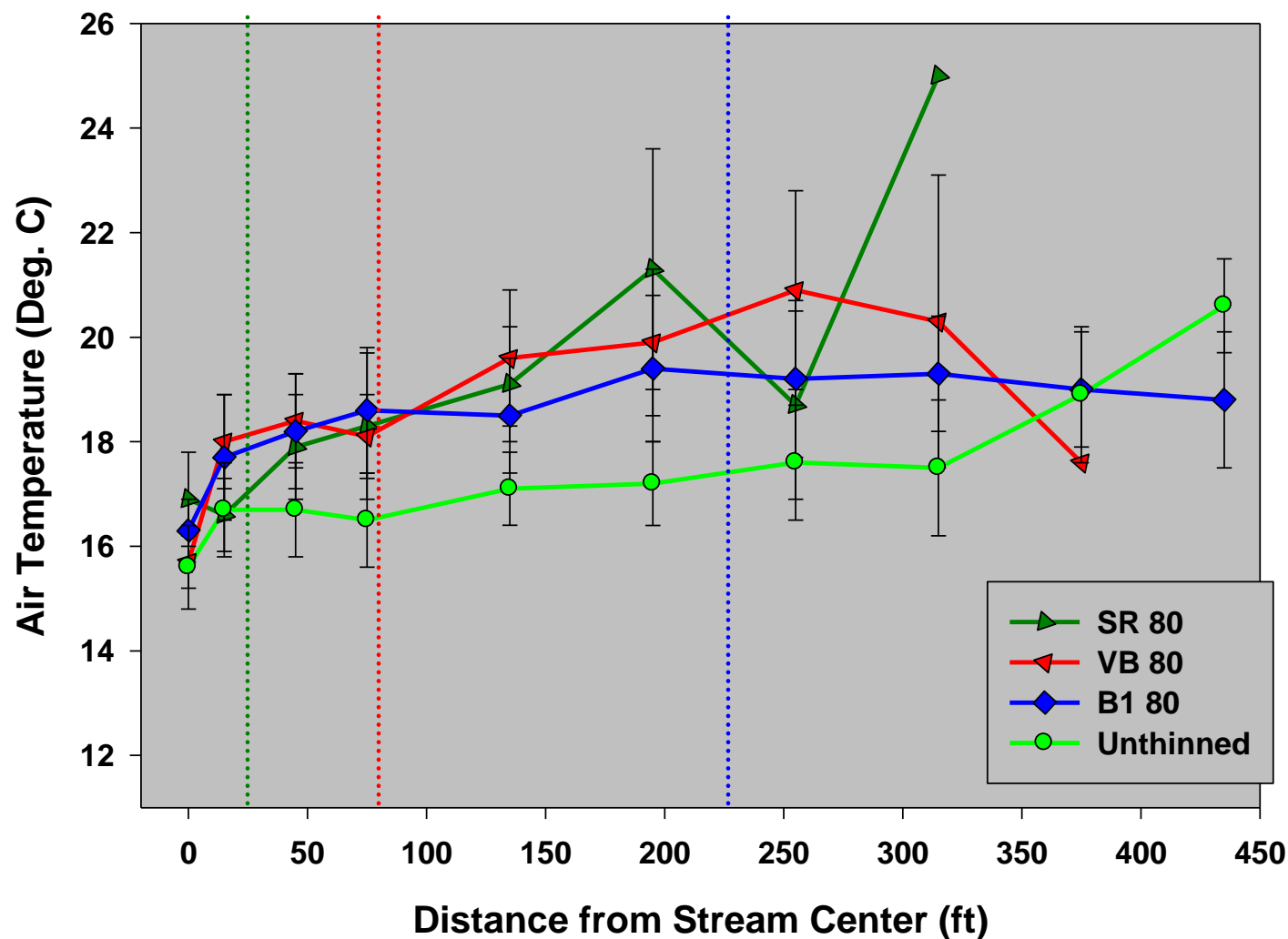




**How does air
flow near
streams?**

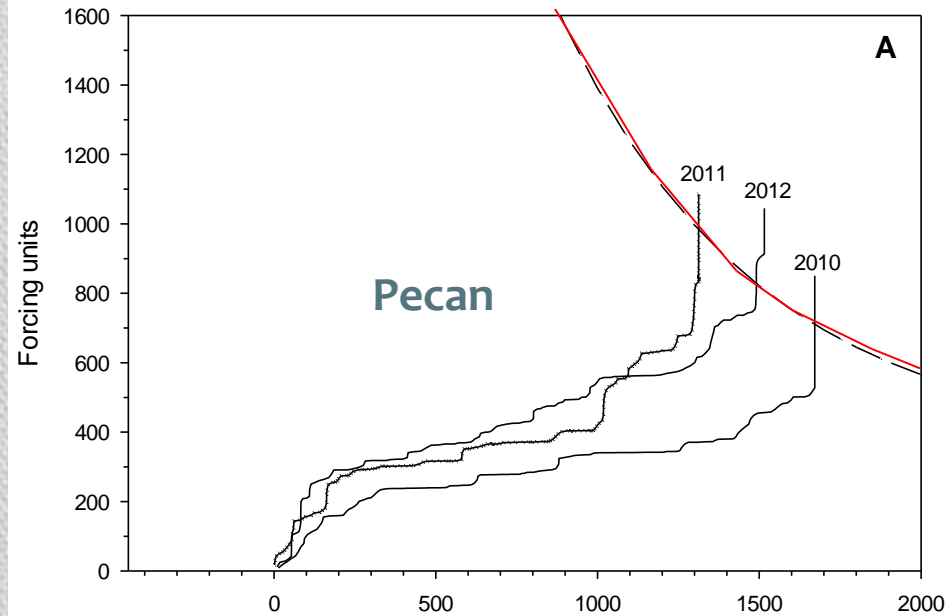
Summer 4 PM Air Temperature Gradients:

Streamside Retention (SR), Variable Width (VB), and 1-Tree Height (B1) Buffers with Moderate Upslope Thinning (80 tpa)

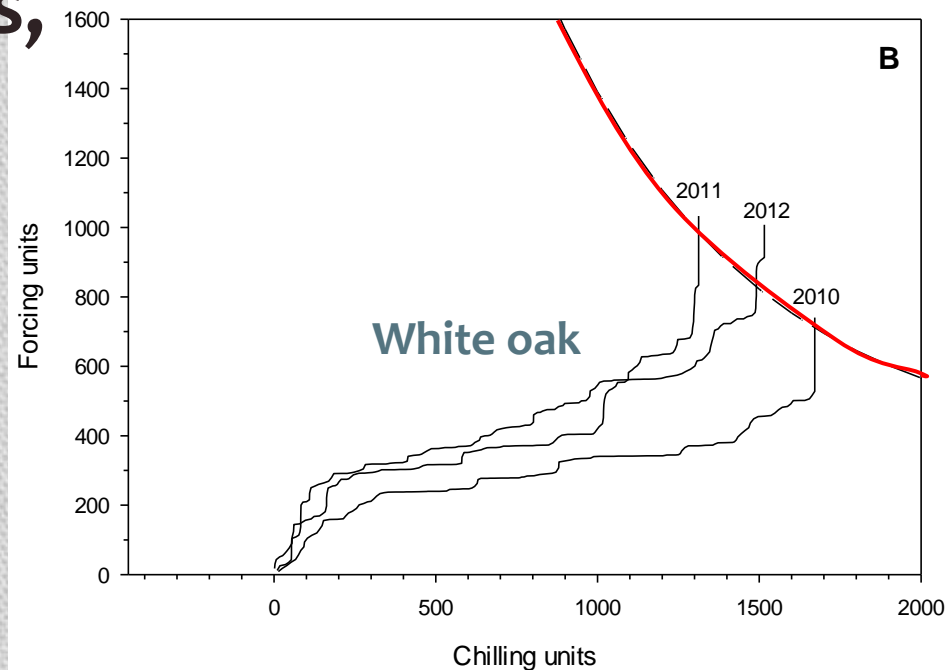


Winter Dormancy

Could expand work with multiple species, inc. those of horticultural interest



Douglas-fir possibility line



DM Burner et al. ms in prep.



**Agroforestry research may be relevant
to research on prairies & meadows**

Future steps?