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.
Research done for other purposes may provide useful background.
Silvopasture

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

http://www.fs.fed.us/pnw/starkey/
Riparian filter strips

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

Graphic by Kathryn Ronnenberg
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

DM Burner et al. ms in prep.
Agroforestry research may be relevant to research on prairies & meadows
Future steps?