

RMA Publications 2010-2015

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Publications under Problem 1 - Provide status, extent, and characteristics of forest and rangeland in the Pacific region and the change over time to decisionmakers.

2015

Title	Reference
Imputed forest structure uncertainty varies across elevational and longitudinal gradients in the western Cascade mountains, Oregon, USA	Treesearch-49496
A state-space modeling approach to estimating canopy conductance and associated uncertainties from sap flux density data	Treesearch-49098
Alaska's timber harvest and forest products industry, 2011	Treesearch-47283
Is tree loss associated with cardiovascular-disease risk in the Women's Health Initiative? A natural experiment	Treesearch-49502
A review of the challenges and opportunities in estimating above ground forest biomass using tree-level models	Treesearch-49620

2014

Title	Reference
Quantitative analysis of woodpecker habitat using high-resolution airborne LiDAR estimates of forest structure and composition	Treesearch-48858
Land use change on non-federal land in Oregon and Washington	Citation
Selectivity of a biological control agent, <i>Diorhabda carinulata</i> Desbrochers, 1870 (Coleoptera: Chrysomelidae) for host species within the genus <i>Tamarix</i> Linneaus, 1753	Treesearch-48186
Opportunities abound for affordable mechanical fuels treatment in dry mixed-conifer forests	Treesearch-45611

2013

Title	Reference
Characterizing environmental change in interior Alaska (1982-2012) using multi-temporal, multi-scale remote sensing data and field measurements	Treesearch-42768
Density management in the 21st century: west side story	Citation
Nitrogen critical loads and management alternatives for N-impacted ecosystems in California	Treesearch-37054
Landscape context for density management: implications of land ownership and ecological gradients	Treesearch-44817

Distribution and occupancy of introduced species: a baseline inventory from Phase 3 plots across the country	Treesearch-42758
Biomass and carbon attributes of downed woody materials in forests of the United States	Treesearch-43738
Oregon's forest products industry and timber harvest, 2008: industry trends and impacts of the Great Recession through 2010	Treesearch-41541
Advancements in LiDAR-based registration of FIA field plots	Treesearch-42796
Forest Inventory and Analysis Database of the United States of America (FIA)	Treesearch-42183
Lichen habitat may be enhanced by thinning treatments	Treesearch-45528
Vegetation diversity	Citation
FIADB vegetation diversity and structure indicator (VEG)	Treesearch-45164
Changes in land use and housing on resource lands in Washington state, 1976–2006. Gen	Treesearch-42975
Epiphytic Macrolichen Community Composition Database—epiphytic lichen synusiae in forested areas of the US	Treesearch-45347

2012

Title	Reference
Commonwealth of the Northern Mariana Islands forest resources, 2004	Treesearch-39461
Federated States of Micronesia's forest resources, 2006	Treesearch-39459
Republic of the Marshall Islands forest resources, 2008	Treesearch-39460
Vegetation diversity and structure indicator. In: Westfall, J.A., ed. FIA national assessment of data quality for forest health indicators	Citation
Mapping older forests: satellites, statistics, and boots on the ground	Treesearch-39798
Forest Inventory and Analysis Newsletter	Citation
Comparison of LiDAR- and photointerpretation-based estimates of canopy cover	Treesearch-41012
Forests, farms, and people: land use change on non-federal land in Oregon 1974-2009	Citation
Northwest Forest Plan—the first 15 years (1994–2008): status and trends of late-successional and old-growth forests	Treesearch-39632

California's forest products industry and timber harvest, 2006	Treesearch-41151
Sampling and estimation procedures for the vegetation diversity and structure indicator	Treesearch-32154

2011

Title	Reference
Analyzing lichen indicator data in the Forest Inventory and Analysis Program	Treesearch-36598
Nonnative invasive plants of Pacific coast forests: a field guide for identification	Treesearch-37858
Forests of southeast and south-central Alaska, 2004–2008: five-year forest inventory and analysis report	Treesearch-37951
Potential of a national monitoring program for forests to assess change in high-latitude ecosystems	Treesearch-39897
American Samoa, country report	Citation
Guam, country report	Citation
Northern Mariana Islands, country report	Citation
Micronesia, country report	Citation
Palau, country report	Citation
The effects of a western spruce budworm outbreak on the dead wood component in relation to ownership in forests of eastern Oregon	Treesearch-39882
Marshall Islands, country report	

2010

Title	Reference
Quantification of live aboveground forest biomass dynamics with Landsat time-series and field inventory data: A comparison of empirical modeling approaches	Treesearch-34662
Mapping wildland fuels and forest structure for land management: a comparison of nearest neighbor imputation and other methods	Treesearch-35095
The Forest Inventory and Analysis Database Version 4.0: Database Description and Users Manual for Phase 3	Treesearch-35009
Lidar intensity normalization in rugged forested terrain	Citation
Bare soil and rill formation following wildfires, fuel reduction treatments, and pine plantations in the southern Sierra Nevada, California, USA	Treesearch-37721
Calibrating vascular plant abundance for detecting future climate changes in Oregon and Washington, USA	Treesearch-36800
Relating forest attributes with area- and tree-based light detection and ranging metrics for western Oregon	Treesearch-37817

Soil life in reconstructed ecosystems: initial soil food web responses after rebuilding a forest soil profile for a climate change experiment	Treearch-37229
Challenges to estimating tree height via LiDAR in closed-canopy forest: a parable from western Oregon	Treearch-37815
Tree species differentiation using intensity data derived from leaf-on and leaf-off airborne laser scanner data	Treearch-37869
Distinguishing between live and dead standing tree biomass on the North Rim of Grand Canyon National Park, USA using small-fooprint lidar data	Treearch-37844

Publications under Problem 2 - Increase the efficiency and add value to inventory and monitoring efforts through the development of new tools, techniques, and methodology.

2015

Title	Reference
Monitoring selective logging in western Amazonia with repeat lidar flights	Treearch-46639
Effects of rural residential development on forest communities in Oregon and Washington, USA	Treearch-49088
Environmental justice and factors that influence participation in tree planting programs in Portland, Oregon, U.S	Treearch-48684
A rapid method for landscape assessment of carbon storage and ecosystem function in moss and lichen ground layers	Treearch-49119
Evaluation of sampling strategies to estimate crown biomass	Treearch-49100
Effects of harvest, fire, and pest/pathogen disturbances on the West Cascades ecoregion carbon balance	Treearch-49508
Effects of changing forest land definitions on forest inventory on the West Coast, USA	Treearch-49081
Estimation of aboveground forest carbon flux in Oregon: adding components of change to stock-difference assessments	Treearch-49089
Combining satellite lidar, airborne lidar, and ground plots to estimate the amount and distribution of aboveground biomass in the boreal forest of North America	Treearch-49074
Monitoring coniferous forest biomass change using a Landsat trajectory-based approach	Treearch-49249
Quantifying understory vegetation in the US Lake States: a proposed framework to inform regional forest carbon stocks	Treearch-47082

2014

Title	Reference
Changes in development near public forest lands in Oregon and Washington, 1974–2005: implications for management	Treearch-45205
Quantity is nothing without quality: automated QA/QC for streaming sensor networks	Treearch-43678
Imputing forest structure attributes from stand inventory and remotely sensed data in western Oregon, USA	Treearch-47746
Modeling percent tree canopy cover: a pilot study	Treearch-40860
Predicting lichen-based critical loads for nitrogen deposition in temperate forests	Citation
A comparison of small-area estimation techniques to estimate selected stand attributes using LiDAR-derived auxiliary variables	Treearch-46164
Multiple constraint analysis of regional land-surface carbon flux	Treearch-46190
Efficient initial attacks: analysis of capacity and funding provides insights to wildfire protection planning	Treearch-46249
Influence of lidar, Landsat imagery, disturbance history, plot location accuracy, and plot size on accuracy of imputation maps of forest composition and structure	Treearch-47573
Species distribution modelling for plant communities: Stacked single species or multivariate modelling approaches?	Treearch-47499

2013

Title	Reference
Demystifying LiDAR technologies for temperate rainforest in the Pacific Northwest	Treearch-43310
Eutrophic lichens respond to multiple forms of N: implications for critical levels and critical loads research	Treearch-43305
Effect of inventory method on niche models: random versus systematic error	Treearch-45349
A simple tool for estimating throughfall nitrogen deposition in forests of western North America using lichens	Treearch-44832
Estimation of crown biomass of Pinus pinaster stands and shrubland above-ground biomass using forest inventory data, remotely sensed imagery and spatial prediction models	Treearch-45166

2012

Title	Reference
High-resolution three-dimensional remote sensing for forest measurement	Citation

Using multilevel remote sensing and ground data to estimate forest biomass resources in remote regions: a case study in the boreal forests of interior Alaska	Treesearch-42579
Using airborne light detection and ranging as a sampling tool for estimating forest biomass resources in the upper Tanana Valley of interior Alaska	Treesearch-42470
Leaf area index, biomass carbon and growth rate of radiata pine genetic types and relationships with LiDAR	Treesearch-42474
Assessing the carbon consequences of western juniper (<i>Juniperus occidentalis</i>) encroachment across Oregon, USA	Treesearch-42475
Using Landsat-derived disturbance history (1972-2010) to predict current forest structure	Treesearch-42550
Comparison and assessment of coarse resolution land cover maps for Northern Eurasia	Treesearch-42611
Modeling percent tree canopy cover: a pilot study	Citation
Prediction of understory vegetation cover with airborne lidar in an interior ponderosa pine forest	Treesearch-41461
Spatial and temporal patterns of forest disturbance and regrowth within the area of the Northwest Forest Plan	Treesearch-42525
Managing forests because carbon matters: integrating energy, products, and land management policy	Treesearch-40291
Estimating canopy cover from standard forest inventory measurements in western Oregon	Treesearch-42546
Consistency of forest presence and biomass predictions modeled across overlapping spatial and temporal extents	Treesearch-38889
Application of spatial technologies in wildlife biology	Citation
Mapping change of older forest with nearest-neighbor imputation and Landsat time-series. <i>Forest Ecology and Management</i>	Treesearch-42547
Model-assisted forest yield estimation with light detection and ranging	Treesearch-42619
Snow-covered Landsat time series stacks improve automated disturbance mapping accuracy in forested landscapes	Treesearch-42617
Decadal trends in net ecosystem production and net ecosystem carbon balance for a regional socioecological system	Treesearch-42622
Opening the archive: how free data has enabled the science and monitoring promise of Landsat	Treesearch-42465
Estimating forest biomass and identifying low-intensity logging areas using airborne scanning lidar in Antimary State Forest, Acre State, Western Brazilian Amazon	Treesearch-42476

Title	Reference
Development of lichen response indexes using a regional gradient modeling approach for large-scale monitoring of forests	Treesearch-36597
The Forest Inventory and Analysis database: database description and users manual version 4.0 for Phase 2	Treesearch-37446
Urban trees and the risk of poor birth outcomes	Treesearch-39615
Sampling strategies for efficient estimation of tree foliage biomass	Treesearch-39674
Quantifying ecological thresholds from response surfaces	Treesearch-39631
Estimates of live-tree carbon stores in the Pacific Northwest are sensitive to model selection	Treesearch-39998
Differences in forest area classification based on tree tally from variable- and fixed-radius plots	Treesearch-39895
Carbon stocks on forestland of the United States, with emphasis on USDA Forest Service ownership	Treesearch-39622

2010

Title	Reference
Washington's forest resources, 2002–2006: five-year Forest Inventory and Analysis report	Treesearch-35068
Soil properties in old-growth Douglas-fir gaps in the western Cascade Mountains of Oregon. Northwest Science	Treesearch-36194
Mapping ecological systems with a random forest model: tradeoffs between errors and bias	Treesearch-39540
Estimating quadratic mean diameters of fine woody debris in forests of the United States	Citation
Underestimating risks to the northern spotted owl in fire-prone forests: response to Hanson et al	Treesearch-38310
Object-oriented classification of forest structure from light detection and ranging data for stand mapping	Treesearch-38293
An accuracy assessment of positions obtained using survey- and recreational-grade Global Positioning System receivers across a range of forest conditions within the Tanana Valley of interior Alaska	Treesearch-37715
Relationship between LiDAR-derived forest canopy height and Landsat images	Treesearch-38274

Publications under Problem 3 - Use inventory and monitoring data to understand effects of human use, climate, and natural disturbances on forest and rangeland condition.

2015

Title	Reference
Scale-dependence of disease impacts on quaking aspen (<i>Populus tremuloides</i>) mortality risk in the southwestern U.S.	Treesearch-49076
Modeled forest inventory data suggests climate benefits from fuels management	Citation
Natural production of <i>Tuber aestivum</i> in central Spain: <i>Pinus</i> spp. versus <i>Quercus</i> spp. Brûlés	Treesearch-49083
Lichen-based indices to quantify responses to climate and air pollution across northeastern U.S.A	Treesearch-49121
Epiphytic macrolichen indication of air quality and climate in interior forested mountains of the Pacific Northwest, USA	Treesearch-49106
Climate effects on lichen indicators for nitrogen	Treesearch-47207
Spatiotemporal dynamics of recent mountain pine beetle and western spruce budworm outbreaks across the Pacific Northwest Region, USA	Treesearch-49080
Evidence of tree species' range shifts in a complex landscape	Treesearch-48819
A bird's-eye view: Land-use planning and assessments in Oregon and Washington	Treesearch-47932

2014

Title	Reference
Chapter 4. Monitoring vegetation composition and structure as habitat attributes	Treesearch-45217
A comparison of empirical and modeled nitrogen critical loads for Mediterranean forests and shrublands in California	Treesearch-49296
Modeled forest inventory data suggest climate benefits from fuels management. Fire Management Today	Treesearch-45817
Carbon stocks and changes on Pacific Northwest national forests and the role of disturbance, management, and growth	Treesearch-46566
Regional distribution of introduced plant species in the forests of the northeastern United States	Treesearch-45448

Differential ecophysiological response of deciduous shrubs and a graminoid to long-term experimental snow reductions and additions in moist acidic tundra, northern Alaska	Treesearch-47511
Recent rates of forest harvest and conversion in North America	Treesearch-38721
Predicting lichen-based critical loads for nitrogen deposition in temperate forest	Citation
Climatic, landform, microtopographic, and overstory canopy controls of tree invasion in a subalpine meadow landscape, Oregon Cascades, USA	Treesearch-48145
Amount and distribution of coarse woody debris in pine ecosystems of north-western Spain, Russia and the United States	Treesearch-45747
Fire severity filters regeneration traits to shape community assembly in Alaska's boreal forest	Treesearch-45822
Lichen communities and species indicate climate thresholds in southeast and south-central Alaska, USA	Treesearch-46416

2013

Title	Reference
The relationship between trees and human health: evidence from the spread of the emerald ash borer	Treesearch-45049
Lichen-based critical loads for atmospheric nitrogen deposition in Western Oregon and Washington forests, USA	Treesearch-43715
Changes in fragmentation of western Washington forest land (Project WC-EM-08-01)	Treesearch-43981
Canopy gaps affect long-term patterns of tree growth and mortality in mature and old-growth forests in the Pacific Northwest	Treesearch-43302
Deploying initial attack resources for wildfire suppression: spatial coordination, budget constraints, and capacity constraints	Treesearch-42818
The new flora of the northeastern USA: quantifying introduced plant species occupancy in forest ecosystems	Treesearch-45163
United States forest disturbance trends observed with landsat time series	Treesearch-44327
Do carbon offsets work? The role of forest management in greenhouse gas mitigation	Treesearch-43931
A comprehensive guide to fuel management practices for dry mixed conifer forests in the northwestern United States	Treesearch-42150

2012

Title	Reference
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Estimating habitat value using forest inventory data: the fisher (<i>Martes pennanti</i>) in northwestern California	Treesearch-41478
Tracking lichen community composition changes due to declining air quality over the last century: the Nash legacy in Southern California	Treesearch-40295

2011

Title	Reference
FORCARB2: An updated version of the U.S. Forest Carbon Budget Model	Treesearch-35613
Status and future of the forest health indicators program of the USA	Treesearch-38434
Canaries in a coal mine: using lichens to measure nitrogen pollution	Treesearch-37404
Mapping gradients of community composition with nearest-neighbour imputation: extending plot data for landscape analysis	Treesearch-39638
Biological control reduces growth, and alters water relations of the saltcedar tree (<i>Tamarix</i> spp.) in western Nevada, USA	Treesearch-39670
Early impacts of biological control on canopy cover and water use of the invasive saltcedar tree (<i>Tamarix</i> spp.) in western Nevada, USA	Treesearch-39640

2010

Title	Reference
A resurvey of oak woodland landowners: 1985, 1992, and 2004	Treesearch-33935
Mapping the Risk of Sudden Oak Death in Oregon: Prioritizing Locations for Early Detection and Eradication	Citation
Assessing housing growth when census boundaries change	Treesearch-36583
Bioenergy from trees: using cost-effective thinning to reduce forest fire hazards	Citation
A foundation for initial attack simulation: the Fried and Fried fire containment model	Treesearch-37814
Hardwood rangeland landowners in California from 1985 to 2004: production, ecosystem services, and permanence	Treesearch-37835
Predicting potential and actual distribution of sudden oak death in Oregon: prioritizing landscape contexts for early detection and eradication of disease outbreaks	Treesearch-38296
Assessment of forest biomass for use as energy. GIS-based analysis of geographical availability and locations of wood-fired power plants in Portugal	Treesearch-38299

Citations of publications not in Treesearch

Land use change on non-federal land in Oregon and Washington

Lettman, Gary J.; Herstrom, Andrew A.; McKay, Neil; Gray, Andrew N.; Thompson, Joel L.; Azuma, David L.; Nicholas, Gretchen; Nichols, Rod L.; Tokarczyk, John. 2013. Land use change on non-federal land in Oregon and Washington. Oregon Department of Forestry. 17 p.

Density management in the 21st century: west side story

Burnett, Kelly M. 2013. Intrinsic potential: what is it and what is it good for? In: Anderson, P.D.; Ronnenberg, K.L., eds. Density management in the 21st century: west side story. Gen. Tech. Rep. PNW-GTR-880. Portland, OR: US Department of Agriculture, Forest Service, Pacific Northwest Research Station: 204-204.

Vegetation diversity

Schulz, Beth. 2011. Vegetation diversity. In: Conkling, Barbara L., ed. Forest health monitoring: 2007 national technical report. Gen. Tech. Rep. SRS-147. Asheville, NC: U.S. Department of Agriculture Forest Service, Southern Research Station. p. 65-91.

Vegetation diversity and structure indicator. In: Westfall, J.A., ed. FIA national assessment of data quality for forest health indicators

Gartner, David; Schulz, Bethany. 2009. Vegetation diversity and structure indicator. In: Westfall, J.A., ed. FIA national assessment of data quality for forest health indicators. Gen. Tech. Rep. NRS-53. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station: 55-80.

Forest Inventory and Analysis Newsletter

Stanton, Sharon. 2012. Forest Inventory and Analysis Newsletter. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 6 p.

Forests, farms, and people: land use change on non-federal land in Oregon 1974-2009

Lettman, Gary J.; Herstrom, Andrew A.; Heibenthal, Darla R.; McKay, Neil; Robinson, Tyler J. 2011. Forests, farms, and people: land use change on non-federal land in Oregon 1974-2009. Salem, OR: Oregon Department of Forestry. 69 p.

American Samoa, country report

Donnegan, Joseph A. 2010. American Samoa, country report. In: Wilkie, M.L., ed. FAO Forestry Paper 2010/004. Rome, Italy: Food and Agriculture Organization of the United Nations. 33 p.

Guam, country report

Donnegan, Joseph A. 2010. Guam, country report. In: Wilkie, M.L., ed. FAO Forestry Paper 2010/083. Rome, Italy: Food and Agriculture Organization of the United Nations. 26 p.

Northern Mariana Islands, country report

Donnegan, Joseph A. 2010. Northern Mariana Islands, country report. In: Wilkie, M.L., ed. FAO Forestry Paper 2010/154. Rome, Italy: Forestry Department: Food and Agriculture Organization of the United Nations. 30 p.

Micronesia, country report

Donnegan, Joseph A.; Falanruw, M.; Mikel, S.; Penno, I.; Ruegorong, F.; Sigrah, B.; Sulog, T.; Takesy, A.; Waguk, E. 2010. Micronesia, country report. In: Wilkie, M.L., ed. FAO Forestry Paper 2010/133. Rome, Italy: Forestry Department: Food and Agriculture Organization of the United Nations. 36 p.

Palau, country report

Donnegan, Joseph A. 2010. Palau, country report. In: Wilkie, M.L., ed. FAO Forestry Paper 2010/159. Rome, Italy: Forestry Department: Food and Agriculture Organization of the United Nations. 37 p.

Lidar intensity normalization in rugged forested terrain

Gatziolis, Demetrios. 2009. Lidar intensity normalization in rugged forested terrain. In: Proc. Silvilaser 2009 Conference, College Station, TX, USA, 14–16 October, 8 p. (on CD-ROM)

Predicting lichen-based critical loads for nitrogen deposition in temperate forests

Geiser, L.H.; Jovan, S.E.; Glavitch, D.A.; Fenn, M.E. 2014. Predicting lichen-based critical loads for nitrogen deposition in temperate forests Chapter 33, pp 311-318, In: M.A. Sutton, K.E. Mason, L.J. Sheppard, H. Sverdrup, R. Haeuber, and W.K. Hicks (eds.), Nitrogen Deposition, Critical Loads and Biodiversity (Proceedings of the International Nitrogen Initiative Workshop, linking experts of the Convention of Long-range Transboundary Air Pollution and the Convention on Biological Diversity). Springer, Dordrecht, The Netherlands. 564 pp.

High-resolution three-dimensional remote sensing for forest measurement

Andersen, Hans-Erik. 2012. High-resolution three-dimensional remote sensing for forest measurement. In: Pears, N.; Liu, Y.; Bunting, P., eds. 3D Imaging, Analysis, and Applications. London: Springer: 417-444. Chapter 10.

Modeling percent tree canopy cover: a pilot study

Coulston, John W.; Moisen, Gretchen G.; Wilson, Barry T.; Finco, Mark V.; Cohen, Warren B.; Brewer, C. Kenneth. 2012. Modeling percent tree canopy cover: a pilot study. Photogrammetric Engineering and Remote Sensing. 78(7): 715-727.

Application of spatial technologies in wildlife biology

O'Neil, Thomas A.; Bettinger, Pete; Marcot, Bruce G.; Cohen, Warren B.; Taft, Oriane; Ash, Richard; Bruner, Howard; Langhoff, Cory; Carlino, Jennifer A.; Hutchinson, Vivian; Kennedy, Rebert E.; Yang, Zhiqiang. 2012. Application of spatial technologies in wildlife biology. In: Silvy, N.J., ed. Wildlife techniques manual. Washington, DC: The Johns Hopkins University Press: 418-447.

Estimating quadratic mean diameters of fine woody debris in forests of the United States

Woodall, Christopher W.; Monleon, Vicente J. 2010. Estimating quadratic mean diameters of fine woody debris in forests of the United States. *Forest Ecology and Management*. 260: 1088-1093.

Modeled forest inventory data suggests climate benefits from fuels management

Fried, Jeremy S.; Jain, Theresa B.; Sandquist, Jonathan. 2013. Modeled forest inventory data suggests climate benefits from fuels management. *Fire Management Today*. 73(2): 11-14.

Predicting lichen-based critical loads for nitrogen deposition in temperate forest

Geiser, Linda H.; Jovan, Sarah E.; Glavich, Douglas A.; Fenn, Mark E. 2014. Predicting lichen-based critical loads for nitrogen deposition in temperate forest. In: Sutton, M.A., et al., eds. *Nitrogen deposition, critical loads and biodiversity: Springer Science+ Business Media*: 311-318. Chapter 33.

Mapping the Risk of Sudden Oak Death in Oregon: Prioritizing Locations for Early Detection and Eradication

Vaclavik, Tomas; Ross Meentemeyer; Alan Kanaskie; Ellen Goheen; Janet Ohmann; Everett Hansen. 2009. Mapping the Risk of Sudden Oak Death in Oregon: Prioritizing Locations for Early Detection and Eradication. P41. Meeting Abstracts. Fourth Sudden Oak Death Science Symposium. June 15-18, 2009, Santa Cruz, CA

Bioenergy from trees: using cost-effective thinning to reduce forest fire hazards

Mazza, R. 2010. Bioenergy from trees: using cost-effective thinning to reduce forest fire hazards. *Science Findings* 117. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 6 p.