

United States Department of Agriculture

Forest Service Pacific Southwest Research Station



Air Pollution and Global Change Impacts on Western Forest Ecosystems

Center for Urban Forest Research

Chemical Ecology and Management of Forest Insects

Cumulative Effects of Forest Management on Hillslope Processes, Fishery Resources, and Downstream Environments

Ecology and Management of Western Forests Influenced by Mediterranean Climate

Institute of Forest Genetics

Institute of Pacific islands Forestry

Prescribed Fire and Fire Effects

Research Natural Areas

Sierra Nevada Research Center

Sudden Oak Death Research

Timber Management/Wildlife Habitat Interactions

Wildland Fire Management Research, Development, and Application

Wildland Recreation and Urban Cultures

Pacific Southwest Research Station **Publications List**

October 1, 2004-May 31, 2008

Contents

Series Publications	.3
2002 Fire conference	.3
Partners in Flight proceedings	.3
Goosenest Adaptive Management Area	.3
Sierra Nevada symposium	.4
Redwood region symposium	.4
Biodiversity in the South Coast Ecoregion	.4
Second sudden oak death proceedings	.4
Insects and diseases of California oaks	.5
Ponderosa pine proceedings	.5
Midwest community tree guide	
Piedmont community tree guide	.5
Coastal plain community tree guide	.6
Northeast community tree guide	.6
2005 national silviculture proceedings	.6
Hardwood stands in northern California	.6
Temperate Interior West community tree guide	.7
Los Angeles 1-million tree assessment	.7
Third sudden oak death proceedings	.7
Off-highway vehicle management	.7
Ponderosa pine plantation	.8
FS law enforcement officer report	.8
FS special agent in charge report	.8
FS patrol captain and patrol commanders report	.8
FS special agents report	.8
Science Perspectives	.9

Ordering Information	Back Cover
Contact Us	.Back Cover

Publications also available at: http://www.fs.fed.us/psw/publications

The Pacific Southwest Research Station

- The Pacific Southwest Research Station represents the research and development branch of the USDA Forest Service in the states of California and Hawaii and the U.S.-affiliated Pacific Islands. Our primary work occurs in California (the most populous state with the fifth largest economy in the world) and Hawaii (a strategic location in the Pacific Rim economies and tourism). We develop and deliver science-based information, technologies, and applications to help people make well-informed decisions about natural resource management, conservation, and environmental protection.
- The Pacific Southwest Research Station has eight primary sites in California and Hawaii.
- 1. Redwood Sciences Laboratory, Arcata
- 2. Silviculture Laboratory, Redding
- 3. Institute of Forest Genetics (Historic), Placerville
- 4. Research Facilities, Davis
- 5. Sciences Laboratory and Station Headquarters, Albany
- 6. Forest Sciences Laboratory, Fresno
- 7. Forest Fire Laboratory, Riverside
- 8. Institute of Pacific Islands Forestry, Hilo

For more information, please visit us on the Web at: http://www.fs.fed.us/psw/

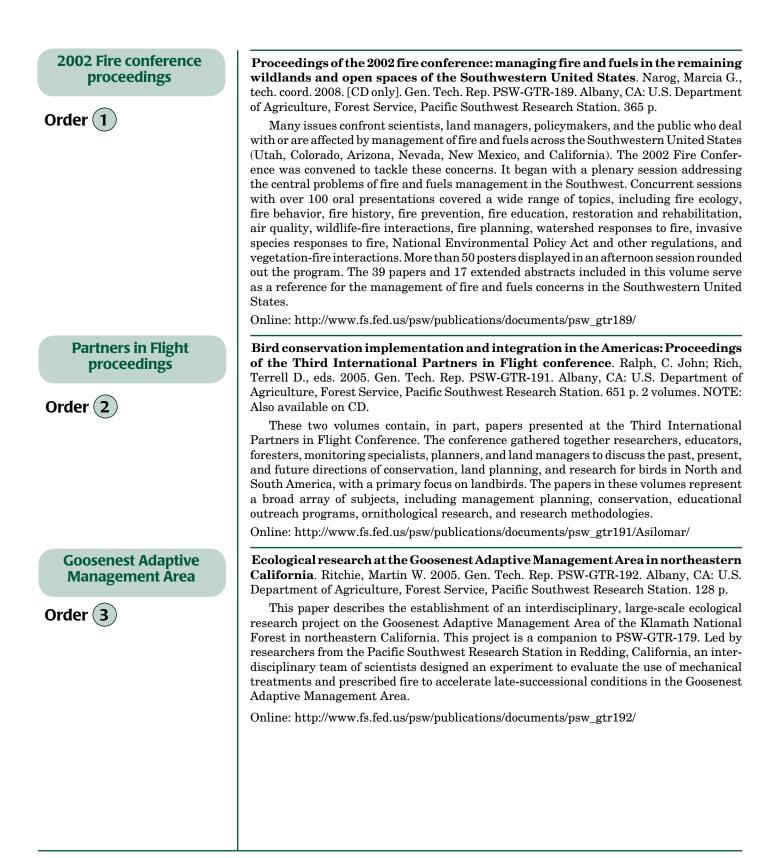




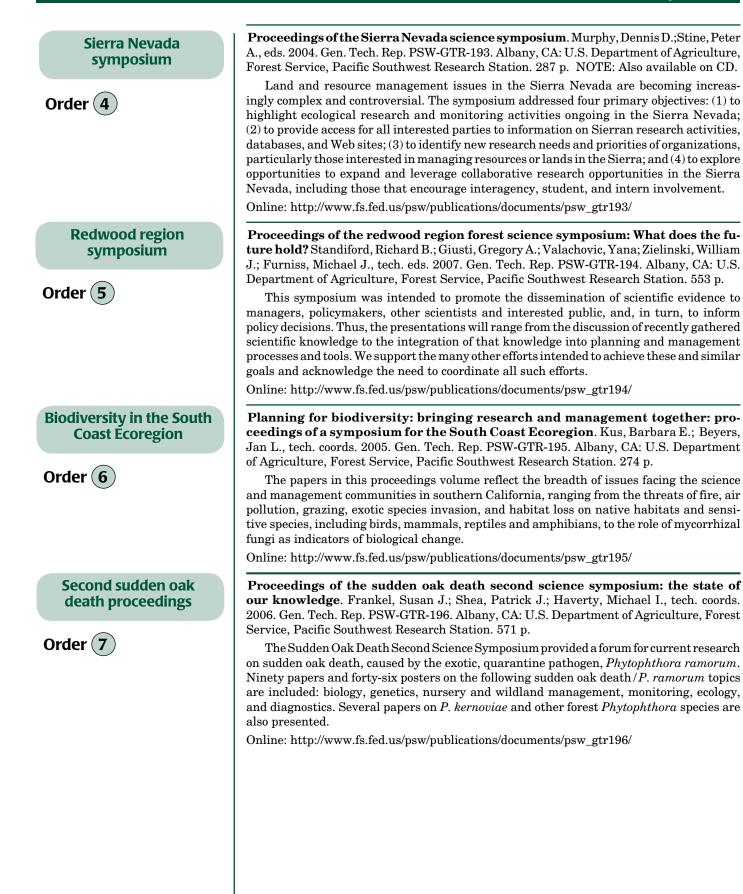
The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

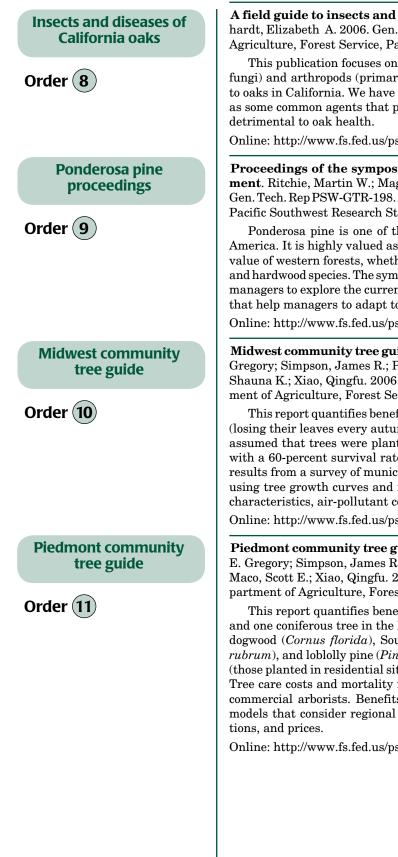
To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, DC 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

New PSW Series Publications



PSW Publications List





A field guide to insects and diseases of California oaks. Swiecki, Tedmund J.; Bernhardt, Elizabeth A. 2006. Gen. Tech Rep. PSW-GTR-197. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. 151 p.

This publication focuses on the relatively small number of microorganisms (primarily fungi) and arthropods (primarily insects) that are capable of causing noticeable damage to oaks in California. We have included agents that cause serious damage to oaks, as well as some common agents that produce conspicuous impacts even if they are not especially detrimental to oak health.

Online: http://www.fs.fed.us/psw/publications/documents/psw_gtr197/

Proceedings of the symposium on ponderosa pine: issues, trends, and management. Ritchie, Martin W.; Maguire, Douglas A.; Youngblood, Andrew, tech. coords. 2005. Gen. Tech. Rep PSW-GTR-198. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. 281 p.

Ponderosa pine is one of the most widely distributed tree species in western North America. It is highly valued as a source of lumber, but also is key to the health and social value of western forests, whether growing in pure stands or in mixture with other conifer and hardwood species. The symposium was convened to provide a venue for researchers and managers to explore the current state-of-our-knowledge, including management practices that help managers to adapt to constantly changing constraints and objectives.

Online: http://www.fs.fed.us/psw/publications/documents/psw_gtr198/

Midwest community tree guide: benefits, costs, and strategic planting. McPherson, E. Gregory; Simpson, James R.; Peper, Paula J.; Maco, Scott E.; Gardner, Shelley L.; Cozad, Shauna K.; Xiao, Qingfu. 2006. Gen. Tech. Rep. PSW-GTR-199. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. 99 p.

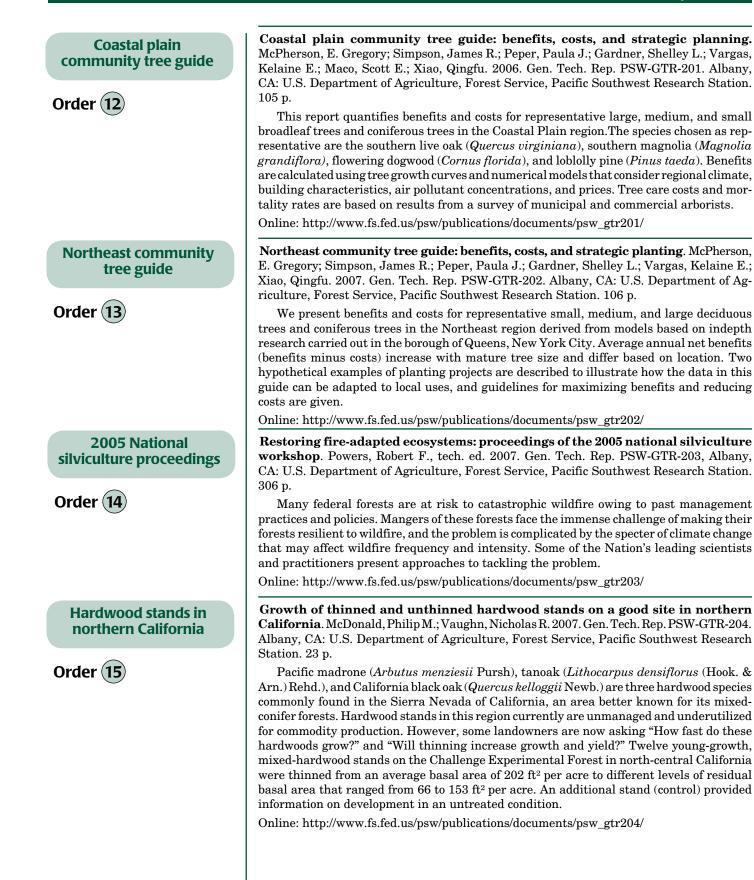
This report quantifies benefits and costs for typical small, medium, and large deciduous (losing their leaves every autumn) trees: crabapple, red oak, and hackberry. The analysis assumed that trees were planted in a residential yard or public site (streetside or park) with a 60-percent survival rate over a 40-year timeframe. Tree care costs were based on results from a survey of municipal and commercial arborists. Benefits were calculated by using tree growth curves and numerical models that consider regional climate, building characteristics, air-pollutant concentrations, and prices.

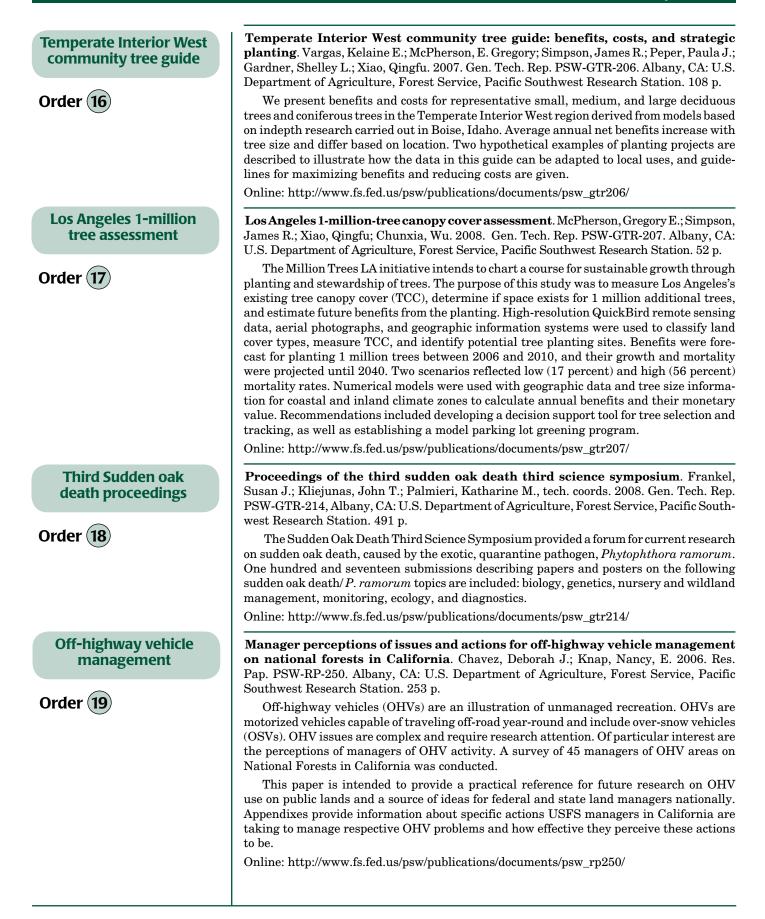
Online: http://www.fs.fed.us/psw/publications/documents/psw_gtr199/

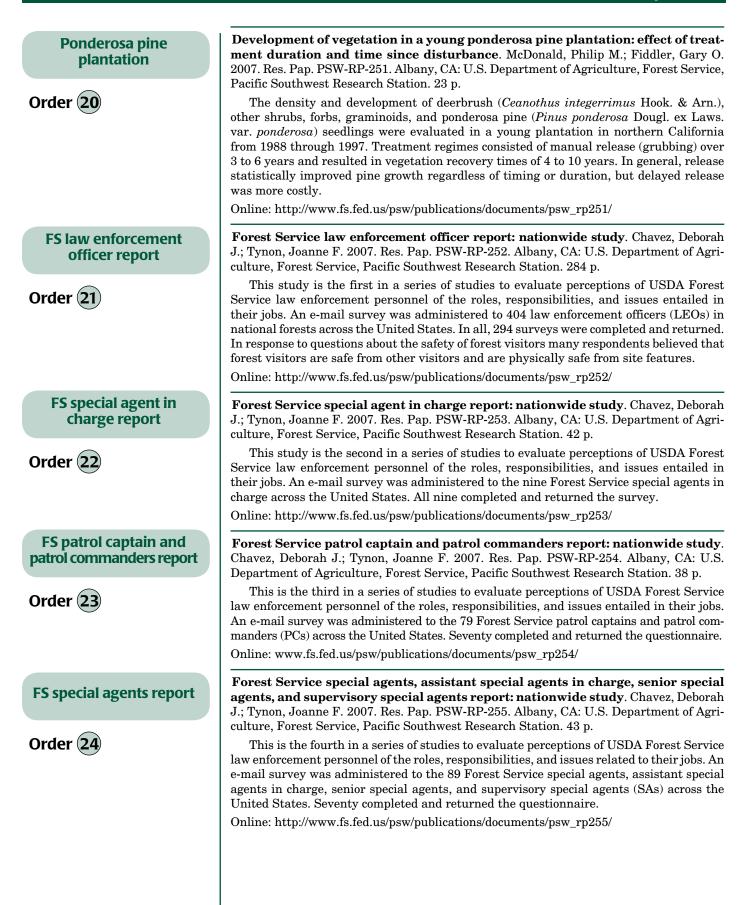
Piedmont community tree guide: benefits, costs, and strategic planting. McPherson, E. Gregory; Simpson, James R.; Peper, Paula J.; Gardner, Shelley L.; Vargas, Kelaine E.; Maco, Scott E.; Xiao, Qingfu. 2006. Gen. Tech. Rep. PSW-GTR-200. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. 99 p.

This report quantifies benefits and costs for small, medium, and large broadleaf trees and one coniferous tree in the Piedmont region. The species chosen as representative are dogwood (*Cornus florida*), Southern magnolia (*Magnolia grandiflora*), red maple (*Acer rubrum*), and loblolly pine (*Pinus taeda*), respectively. The analysis describes "yard trees" (those planted in residential sites) and "public trees" (those planted on streets or in parks). Tree care costs and mortality rates are based on results from a survey of municipal and commercial arborists. Benefits are calculated using tree growth curves and numerical models that consider regional climate, building characteristics, air pollutant concentrations, and prices.

Online: http://www.fs.fed.us/psw/publications/documents/psw_gtr200/







Science Perspectives

der (25)	Repelling invaders: Hawaiian foresters use ecology to counter invasive species . Denslow, Julie; Johnson, Tracy; Cordell, Susan. 2008. Albany, CA: U.S. Department of Agriculture, Forest Service Pacific Southwest Research Station. Science Perspective. Spring 2008. 5 p.
	Online: www.fs.fed.us/psw/publications
rder 26	Saving the soil: lessons from the long-term soil productivity experiment . Powers, Robert F. 2007 Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. Science Perspective. Summer 2007. 5 p.
	Online: www.fs.fed.us/psw/publications
rder 27	Tested by fire: the Cone Fire and the lessons of an accidental experiment . Skinner, Carl Ritchie, Martin. 2007. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. Science Perspective. Spring 2007. 5 p.
	Online: www.fs.fed.us/psw/publications
er 28	Restoring forest health: fire and thinning effects on mixed-conifer forests . North, Malcolm M 2006. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station Science Perspective. Summer 2006. 5 p.
	Online: www.fs.fed.us/psw/publications
29	Caspar Creek Experimental Watersheds: cumulative effects of forest practices on downstream resources . Lisle, Thomas E.; Harvey, Bret; Reid, Leslie; Keppeler, Elizabeth; Lewis, Jack; Eads, Rand Hilton, Sue; Nakamoto, Rod; Viser, Deb. 2005. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. Science Perspective. Fall 2005. 5 p.
	Online: www.fs.fed.us/psw/publications
	Managing wildland fires: integrating weather models into fire projections . Fujioka, Francis 2004. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station Science Perspective. Fall 2004. 5 p.
	Online: www.fs.fed.us/psw/publications
	Air pollution: worldwide effects on mountain forests. Bytnerowicz, Andrzej. 2004. Albany, CA U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. Science Perspec- tive. Spring 2004. 5 p.
	Online: www.fs.fed.us/psw/publications
	 High Sierra ecosystems: the role of fish stocking in amphibian declines. Matthews, Kathleen R. 2003. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. Science Perspective. Fall 2003. 5 p.
	Online: www.fs.fed.us/psw/publications
	Climate change: detecting climate's imprint on California forests. Millar, Constance I. 2003
33	Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. Science Perspective. Spring 2003. 5 p.

Federal Recycling Program Printed on Recycled Paper

NAME	
ADDRESS	
CITY/STATE/ZIP_	

Affix first-class postage stamp

Publications Distribution Pacific Southwest Research Station USDA Forest Service 240 W. Prospect Road Fort Collins, CO 80526-2098 U.S.A.

PRSRT STD POSTAGE AND FEES PAID USDA-FS PERMIT NO. G-40

U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE PACIFIC SOUTHWEST RESEARCH STATION DISTRIBUTION 240 W. PROSPECT ROAD FORT COLLINS, COLORADO 80526-2098 U.S.A.

> OFFICIAL BUSINESS PENALTY FOR PRIVATE USE, \$300

Contact us

Mail: Publications Distribution Pacific Southwest Research Station 240 W. Prospect Road Fort Collins, CO 80526 U.S.A.

 Phone:
 (970) 498-1392

 Fax:
 (970) 498-1122

 E-Mail:
 rschneider@fs.fed.us

 Web site:
 http://www.fs.fed.us/rm/publications

How to Order

With name label on order card:

1. Circle desired current order number on order form below (e.g., #1: PSW-GTR-189).

2. Cut off postcard, affix correct postage, and mail.

Without name label on order card:

- 1. Print your name and address on label.
- 2. Follow steps 1 and 2 above.

By phone or electronically:

Use the contact media listed to the left.

&					Cut	along line
October 2004 to May 2008	Please take my name off the mailing list.	Order #				
	In the future, I would like to receive the PSW Publications List as an e-mail (no paper copy will be sent). My e-mail is:	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56	58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93
		18	38	57	76	94 95

Your name will remain on the mailing list unless you ask that we remove it. Please make address corrections below.