



Remember to call
Rebecca Latta at (626)
335-9304 or email her at
rebeccalatta@earthlink.net
no later than 2/21/03
with your reservation for
the general meeting.

Rebecca Latta, Secretary
STREET TREE SEMINAR, INC.
P. O. Box 6415
Anaheim, CA 92816-6415

Next Meeting:
February 27th
Private Property
Tree Ordinances
KEN EDWARDS CENTER
1527 4TH STREET
SANTA MONICA

MEETING SCHEDULE:
10:30 Social 11:00 Program
12:00 Lunch & Meeting

PRICE: \$15.00 per person

2003 MEETING SCHEDULE

February 27th	Private Property Tree Ordinances City of Santa Monica	Ken Edwards Center Santa Monica
March 20th	AGRIscapes	Cal Poly Pomona Pomona
April 24th	Pest Update 2003	Cerritos Library Cerritos
May 24th	TBA George Gonzalez, City of Los Angeles	TBA
June 26th	Annual Golf Tournament	TBA

If you have a program idea for 2003—please contact Greg Monfette at 213/485-5675—Thanks!

Notice to Members:

At the 2/5/03 Board meeting, the STS Executive Board unanimously approved a motion to change the monthly meeting fees as follows:

Reserved Attendee –by phone or email:	\$15.00
Unreserved—without call or email:	\$20.00

This change will help defer the cost of accommodating additional attendees and walk ins at our monthly meeting.

REBECCA LATTA, SECRETARY
STREET TREE SEMINAR, INC.
P. O. BOX 6415
ANAHEIM, CA 92816-6415

Street Tree Seminar, Inc. Monthly Newsletter

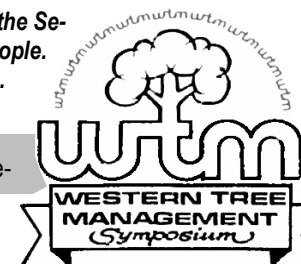


FEBRUARY, 2003

VOLUME IX, ISSUE 2

TREES AS A PUBLIC RESOURCE—AN OVERVIEW OF WTMS PRESENTATIONS

STREET TREE SEMINAR, INC. held our annual educational meeting on January 23, 2003 at the Sequoia Conference Center in Buena Park. The all day program was attended by over 220 people. STS President, David Thompson, from the City of Arcadia, presided over the presentations. Many thanks to all the volunteers and exhibitors that helped the day run so smoothly.



TREES FOR A GREEN L.A.

Lelani Johnson, City of Los Angeles

Lelani Johnson described the "Trees for a Green LA Program", a cooperative program between Los Angeles Department of Water and Power, Los Angeles City Department of Public Works and local volunteers. Residents, businesses and utilities benefit from this innovative program. The program utilizes local youth through the Los Angeles Conservation Corps, a job training program, to grow the trees at the city's revitalized tree nursery.

The program has several components; a residential tree planting component, utility tree replacement component and a commercial/ business district component. Trees are planted by volunteers trained by the Los Angeles Conservation Corps. The next phase of the program will include strategic planting guidelines to maximize shade benefits in new construction.

Examples of some of the program's successful planting projects include: Sepulveda Greenway – A joint project between LA DWP and Los Angeles Public Works for Arbor Day 2002. Devonshire Boulevard – 30 trees planted in a neighborhood planting. Rhea Avenue Residents – 22 trees planted in a neighborhood planting. Victoria Avenue Residents – Trees planted by residents trained by the Los Angeles Conservation Corps.. And Highland View Residents – 20 trees planted in a neighborhood planting..

Trees for the plantings come from the 40 species grown at the nursery operated through the Recreation and Parks Department. The city's nursery was shut down in the 1970's and not reopened until recently. Crews from the Los Angeles Conservation Corps cleared the site, installed shade structures, built new fences, and provided electricity. The site can hold 7,000 trees and has up to 40 species at a time. The nursery also functions as a teaching facility.

Trees for a Green LA has had strong mayoral, department and community support. Tree planting programs can garner strong political support because they build community spirit, save energy, improve neighborhoods and provide job training.

QUANTIFYING THE BENEFITS OF YOUR URBAN FOREST

Jim Simpson, Center for Urban Forest Research

Jim presented research results from the City of Modesto and the City of Santa Monica comparing costs and benefits of urban shade trees. Properly placed shade trees have been proven to influence climate, temperature and wind speed. Climate influences energy use. Shade trees impact peak energy demand reducing the need for new power plants.

Trees can have both a positive and negative effect on air quality. They can filter particulates and uptake dangerous pollutants. Trees also emit biogenic volatile organic compounds known as BVOC, which can combine with sunlight and other pollutants to pro-

STREET TREE SEMINAR has been instrumental in the development, health, care and management of street trees in Southern California for over 40 years.

STREET TREE SEMINAR is comprised of Street Tree Superintendents, supervising personnel, professional consultants, arborists, individuals and firms whose businesses are related to street tree management.

STREET TREE problems within your own city can be brought to an open forum on a monthly basis to assist you in timely information that could save your city thousands of dollars and salvage beautiful irreplaceable street trees.

UPCOMING MEETING INFO

Next Meeting:
February 27th
Private Property
Tree Ordinances
KEN EDWARDS CENTER
1527 4TH STREET
SANTA MONICA, CA
310/458-8300



MEETING SCHEDULE:
10:30 Social 11:00 Program
12:00 Lunch & Meeting
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Whittier, CA 90602-1772
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1410 E. Everett Place
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MAILING ADDRESS

Street Tree Seminar
P. O. Box 6415
Anaheim, CA 92816

ON THE WEB:

www.streettreeseminar.com

duce smog. The rate of emission of BVOC is related to leaf area, climate and other variable factors. Some attempts have been made to produce a list of desirable species, but they may only take into account a single factor, potentially oversimplifying the issue.

The Center for Urban Forest Research has compiled information taking into account both the positive pollution absorbing qualities of trees and the negative potential emissions of BVOC. They determined that tree planting has a net benefit to the environment. The calculations are available for further information at the Center for Urban Forest Research website <http://cufr.ucdavis.edu/>. The center also offers several brochures including "Where are all the Cool Parking Lots?" and "Save Dollars with Shade".

Jim described the research and methods used to determine the costs and benefits of tree planting in Modesto and Santa Monica. Air pollution benefits, real estate value, runoff interception and costs were considered. Trees in Modesto had \$2-\$4 in benefits for every dollar invested..

There is additional research at the Center regarding pavement and shade. Shade has been proven to reduce pavement stress by reducing the evaporation of the binder in asphalt, a petroleum product. Shaded streets have longer asphalt surface repair intervals. Parking lots with 20 % shade had an 11% improvement in the quality of asphalt over unshaded parking lots of the same age.

Shaded parking lots provide other benefits, such as reducing interior cabin temperatures by as much as 25 degrees, reducing gas temperatures by 2-4 degrees and reducing volatile organic chemical emissions by as much as 1 ton per day in lots with 50% shade.

ADAPTING ARBORICULTURAL RESEARCH TO MAKE IT WORK FOR YOU

Jim Geiger, Director of Communications, Center for Urban Forest Research, UC Davis

The Center for Urban Forest Research provides new knowledge and the potential for change in the tree industry. Changes in the industry can make opportunities for projects that lead to the application of the ideas stimulated by new knowledge.

The center has products for municipal and private urban forest managers to utilize their research. The products include ECO Smart Design Software, Tree Guides, STRATUM (Street Tree Analysis Tool for Urban forest Managers) and ideas for marketing tree programs.

ECO Smart is a web-based tool that can be used as a planning tool for tree planting in neighborhoods. The software takes into consideration energy conservation, water management, defensible space and other sustainable landscape concepts.

Tree Guides contain examples of successful tree programs by region. They also list information regarding tree selection,

and suggestions for urban forest management to receive maximum future benefits. The USDA currently publishes three guidelines for livable communities: Tree Guidelines for Coastal Southern California Communities, Tree Guidelines for San Joaquin Valley Communities and Tree Guidelines for Inland Empire Communities. They can be ordered online at <http://www.lcg.org/bookstore/energy/index.html> or by phone at (530) 752-6634.

STRATUM is a street tree resource analysis tool for municipal arborists and urban forest managers. It provides a computer interface that compares costs, benefits and management needs of the urban forest. It will be customized for climatic regions and based on regional cost benefit data adapted to individual communities. The program may be available as soon as spring or summer.

Ideas for Marketing Tree Programs are handbooks and prepared power point presentations. The presentations demonstrate both financial and quality of life consequences related to urban forest management.

Jim urged the audience to use persuasive communication such as slogans and other creative methods to get the point across. First, help people to understand that they don't know, then persuade them that they should care. Urban Forest professionals need to promote trees as an integral part of the community. Thirdly, we need to convince decision makers of the 'relative advantage' and tangible 'pay-off' of backing tree care and planting programs in terms that they can share with their constituents.

IS THE URBAN FOREST A BIOGENIC UTILITY?

Bailey Hudson, President, International Society of Arboriculture

What is a Biogenic Utility? It's a utility based on the net benefit of freed energy and other benefits from the planting of trees which can be calculated in dollars, pounds of pollution filtered, gallons of rainwater intercepted and kWh of energy not used. Trees can provide measurable benefits in the form of avoided energy costs, potentially pollution control credits, storm water runoff credits. Bailey is currently working on developing a formal definition for a Biogenic Public Utility to submit to the US EPA.

WHAT'S GOING ON IN THE WCISA?

Bob and Mayeve Tate, RL Tate and Associates

The Western Chapter of the ISA offers testing for Certified Arborist and Certified Tree Worker. The chapter is concerned about the very low pass rates for both tests. Bob is accepting suggestions to improve the pass rates on the tests. A task force has been formed to examine existing policies and make suggestions for improvement.

CEU's necessary to renew the certifications can be obtained from many sources. The Western Arborist magazine offers 1 to 1.5 CEU's for the mail-in test contained in each issue. The pages can be xeroxed, if desired. The Arborist magazine also offers a mail-in test worth 1 to 1.5 CEU's, but the pages *cannot*

—WTMS HIGHLIGHTS CONTINUED

be xeroxed. New certifications may be on the way. The Western Chapter is considering adding these certifications: Board Master Certified Arborist; Municipal Arborist Specialist; and Certified Urban Forester.

The Western Chapter offers 12 regional conferences and co-sponsored meetings yearly. Membership costs \$40 and the ISA membership costs \$105. There are 6,500 certified arborists in the state and only 3,000 are members.

Greg Monfette is the regional conference chair. He is seeking coordinators to work in each region for one co-sponsored meeting. There are 3 upcoming OSHA grants to hold Spanish-language tree worker training classes. The training is scheduled to occur between now and the end of August. Additionally, there is grant money from OSHA to conduct chain saw training workshops in Spanish.

The Tree Climbing Championship will be held at William Land Park in Sacramento on April 12, 2003. There will be 30 contestants. The day will include a women's event, an old timer's event and many climbing skills events. The winner receives a belt buckle and a trip to Montreal for the International Climbing Championship, all expenses paid.

GREENWASTE RECYCLING

George Gonzalez, Chief Forester, City of Los Angeles

The City of Los Angeles recycles greenwaste because Assembly Bill 939 mandates that the city reduce its waste stream by 50%. The city has been recycling since 1994. There are 3 sites managed by different departments each processing a different kind of greenwaste.

George is involved with the facility near the Van Norman Dam, 5 miles south of Santa Clarita. The site has 22 laborers, a trammel screen to separate material and processes 130 tons of trimmings/yardwaste daily. The trammel screen aerates the greenwaste and assists with odor reduction. A 50% mix of greenwaste/yardwaste seems to yield the best results.

The products made at the facility include; rough mulch, 1/2" mulch and fine mulch. The primary customers of the facility are Ventura County Agriculture, Community Gardens, City Parks and Landscape Contractors. Residents and interested parties can get mulch from the facility. The facility covers 70% of its operating costs from sales.

WHY LOGS TO LUMBER?

Andy Trotter, West Coast Arborists, Inc.

Using the term 'Greenwaste' for logs might make people think that it's trash. Logs from urban trees can be much more than trash; they can be a product. Andy believes that logs are a cylinder with potential. Logs can be made into firewood, mulch, chips and much more..

What is the advantage of using urban hardwood? Reducing the impacts of building on worldwide forests. 80% of hardwood in the US is imported accounting for 20% of the country's total import tally.

The State Department of Forestry and Fire Protection has 5 wood mills and 4 kilns loaned out in California. They also have recently invested in 4 slabbing Lucas mills for redwood and other large urban trees to reduce the lumber to millable sizes. Contact John Melvin at the Department of Forestry and Fire Protection for more information.

There is a UFEI website that contains a wood exchange at www.ufeicalpoly.edu which lists wood to buy and sell. Additionally, Eric Oldar, champion of urban lumber utilization, has written a book called Harvesting Urban Timber, which should be available soon.

Not all tree trunks are sawlogs. Trees to mill need to be fresh and milled quickly to avoid cracking. If tree care contractors can separate the usable logs from the start, many more logs could be made into milled urban hardwood. Loads of trees need to be checked and separated with a color coding system that identifies trees by species. The challenge of milling urban hardwood is lack of uniform material. West Coast mills up to 30 different species.

How much are the trees worth? It's still not a money making venture. Markets need to be evaluated and linked with potential products. The main benefit to using urban hardwood today is reducing the volume of imported lumber depleting old growth forests around the world.

DOOR PRIZES

Door prize donations were received from Century Root Barriers, Agape Designs, Target, Bishop Company, RPW Services and Street Tree Seminar.

The lucky winners were: John Tatich, Owen Croy, Eric Franklin, Judi O'Connor, Chuck LeRoy, Brian Waterbury, John Melvin, Jose Antonio Martinez, Ralph Villasenor, Jesus Raya, Dorreen Orist, Jerri Lahaie, Felix Mendoza, John Salisbury, Paul Shivers, Gabino Diaz, Wade Hawery, Bryan Nyugen, Martin Moreno, Hector Orozco.

Monthly Door Prize information submitted on January 23, 2003 by Janessa Butts, Sargent at Arms

NEXT MEETING: FEBRUARY 27,2003

"Private Property Tree Ordinances" at the Ken Edwards Center, 1527 4th Street, in the City of Santa Monica. Please call in or email me with your reservation so we can have an accurate count.

Respectfully Submitted,

Rebecca Latta

Secretary

TABLE TOP EXHIBITS

*Agape Designs
Bishop Company
Calif. Urban Forests Council
Century Products
Mauget
RPW Services, Inc.*

*Sims Agriculture
Society of Muni. Arborists
Street Tree Seminar, Inc.
Target Specialty Products
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Western Chapter ISA*

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