



2001 MEETING SCHEDULE

December 13th	STS Christmas Party **HOSTED** Officer Installation/Scholarship Program	Wyndam Hotel Commerce
January 25th	WESTERN TREE MANAGEMENT SYMPOSIUM All Day Educational Program	Sequoia Conference Center Buena Park
February 28th	ARBOR DAY CELEBRATIONS	Wyndam Hotel Commerce
March 28th	TBA HOSTED BY WCA	Sherman Gardens Newport Beach
April 25th	PEST UPDATE—2002	Wyndam Hotel Commerce

2002 Program scheduling is now underway. Got a program idea for 2002 or a topic you would like to see discussed? Contact Dave Thompson at 626/256-6676 with details.

Remember to call
Dave Thompson at
626/256-6676 no later
than 12/10/01
with your reservation
for the general meeting.

David Thompson, Secretary
STREET TREE SEMINAR, INC.
P. O. Box 6415
Anaheim, CA 92816-6415

Next Meeting: December 13, 2001

Scholarship Awards
Officer Induction for 2002
HOSTED BY
STREET TREE SEMINAR
WYNDAM HOTEL—COMMERCE
5757 Telegraph Road
COMMERCE—TBM PG 675H3

MEETING SCHEDULE:
10:30 Social 11:00 Program
12:00 Lunch & Meeting
PRICE: \$ 5.00—donation

DAVID THOMPSON, SECRETARY
STREET TREE SEMINAR, INC.
P. O. BOX 6415
ANAHEIM, CA 92816-6415

Street Tree Seminar, Inc. Monthly Newsletter



DECEMBER, 2001

VOLUME VII, ISSUE 12

TREE STOCK AND SPECIES SELECTIONS —PRESENTED BY CITY OF PASADENA FORESTRY OPERATIONS

It is no mystery that the vigor and structure of a mature tree relies on the quality it possesses as a small tree in a nursery. What can be challenging is locating trees that exhibit a majority of the desirable qualities listed below. Before choosing trees, it is necessary to determine a checklist of nursery stock standards. Certain species may characteristically exhibit included bark or lack defined central leaders. Those factors need to be taken into consideration when forming a checklist of nursery standards. When examining a tree, it is best to start with the obvious features such as overall health and form. Once this general criterion is met, a closer examination of the root crown can assist in making a finalized decision.

The following suggested criteria are helpful in selecting a high quality nursery tree.

1. All trees should be true to type or name and shall be individually tagged or tagged in groups by species or cultivar.
2. All trees should be healthy and have a form typical for the species or cultivar.
3. A central leader must be visible, and should not be headed or topped. There should be no co-dominant branching structure. Branch attachment should be free of included bark.
4. Potential main branches should be evenly spaced, have at least (1½) one and one half inches space between them and be spaced radially around the trunk. All lateral branches should be no greater than 2/3 diameter of the trunk.
5. Lower branches should be left on if not competing with the central leader. At least half of the foliage should be on branches growing from the lower two thirds of the tree unless this does not occur naturally.
6. Trees grown without nursery stakes are more desirable than those grown with stakes. Trees grown without rigid staking promote trunk strength and taper. Take the stake off of the tree to see how well it can stand on its own.
7. The trunk of the tree should have visible taper (where the roots join onto the stem). The bottom (6) six inches of the trunk should be of greater diameter than other portions of the trunk.
8. Trees in 15 gallon containers should be a minimum of (¾) three-quarter inch caliper and a maximum of (1½) one and one-half inches measured six inches above the root ball.
9. Trees in 24 inch box should be a minimum of (1) one inch caliper and a maximum of (2 ½) two and one half inches measured (6) six inches above the root ball.

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

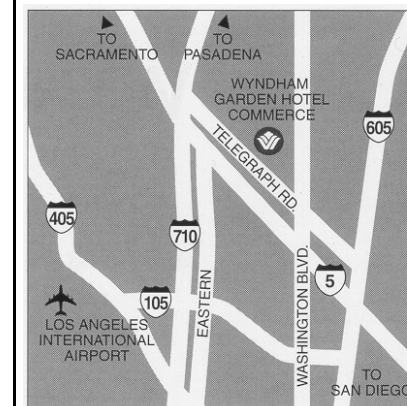
comprised of Street Tree Superintendents, supervising personnel, professional consultants, arborists, individuals and firms whose businesses are related to street tree management.

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

December 13, 2001
SCHOLARSHIP AWARDS
OFFICER INDUCTION FOR 2002
HOSTED BY
STREET TREE SEMINAR



WYNDAM HOTEL—COMMERCE
5757 Telegraph Road
COMMERCE—TBM PG 675H3

MEETING SCHEDULE:
10:30 Social 11:00 Program
12:00 Lunch & Meeting
PRICE: \$ 5.00—donation

WHERE TO CONTACT US:

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MAILING ADDRESS
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P. O. Box 6415
Anaheim, CA 92816

WEBSITE: www.streetreeseminar.com

MINUTES FROM 11/15/01

The meeting was called to order by Walter Warriner, STS President. Many thanks to Antonio Ayon from AY Nursery for hosting the meeting.

Past Presidents in attendance were Al Epperson, Rose Epperson, Ron Hill, Paul Webb, and Bob Berlin.

TREASURER'S REPORT
General Account 43,982
Scholarship Account 8,764
Publishing Account 79,590

MEMBERSHIP
No new members were present at the meeting.

ANNOUNCEMENTS
If you have any Topics for the 2002 monthly meeting schedule call Dave Thompson at (626) 256-6676.

The nominees for the 2002 Board were approved unanimously:

- President.** . . . Dan Jensen
- Past President.** . . . Walt Warriner
- Vice President.** . . . Dave Thompson
- Secretary.** . . .Rebecca Fisher

- Directors.** . . .
- 1 year. . . .Omar Davis
 - 2 year. . . .Kevin Holman
 - 3 year. . . .Sergio Hernandez

DOOR PRIZES
Door prizes were donated by RPW, STS, West Coast Arborists, Inc., LA County Fire, Ready Stake, Carl Melinger, United Horticultural, and Altec.

Winners of last months door prizes were; Lorena Larson, Greg Franco, Jon Baker, Ernie Brito, Love Tran, Walt Warriner, Jack Bramkamp, Paul Webb, Scott Wilson, Dave Evan, Kenny Graham, Doug Kokesh, Ron Morrow, Ron Hill, John Gomia, Michael Monte, Paul Rippens, and Carl Mellinger.

NEXT MEETING-DECEMBER 13, 2001
STS is hosting the December meeting to be held at Wyndham Hotel in the City of Commerce. The scholarship recipients will be announced and the 2002 board will be sworn in.

Spread the Christmas cheer and please bring an unwrapped gift for a child and they will be donated to a designated charity.



Respectfully submitted,

David

David Thompson
Secretary

The Importance of Street Trees

By Chris Walton, 2001 Scholarship Recipient

Imagine a street, a park, a forest, an arboretum, a zoo, even a theme park without a tree. There would be no place to wonder, no leaves to look up, no branches to climb and no shade. Mature street trees are beautiful to look at, walk under and drive by. They add a sense of peace to the surrounding landscape. It is hard to overlook the value of street trees in the urban landscape.

Street trees come chock full of a life all their own. The earliest buds in spring time, to the shade of a fully mature tree in the summer and autumn's beauty of changing color is indescribable, not to mention the flowers, fruits and variety of form that many trees offer us. Even in winter's sleep, trees provide us with a backdrop, a skeletal structure that is hard to miss. A mature tree, carefully pruned by an arborist is a work of art in the highest degree.

In addition to this beauty, street trees provide a critical balance to our eco-system. It creates a natural habitat shared by insects, birds and is a shared home to animals, even in the urban environment. It has been proven that street trees have a dramatic effect in reducing temperatures in the concrete jungle of our cities. Street trees also play a critical role in filtering carbon dioxide and returning oxygen to the air.

It is important to keep our natural settings, parks, forests, botanical gardens, arboretums, zoos and even them parks planted with street trees. These are places where people can go to relax, reflect and enjoy nature. Landscaping with street trees is critical, without them we lose.

About the Author

Mrs. Christina Walton



Christina is a student at Mount San Antonio College. Her plans and goals for the future include pursuing a B.A. Degree from Cal Poly, Pomona and continuing her work in the horticulture industry, possibly as a certified propagator of useful landscape trees, horticulture librarian or work in some capacity at one of the botanical gardens or an arboretum in the Los Angeles area.

Upcoming Industry Events

MARCH 21-22, 2002
TREES, PEOPLE AND OUR URBAN ENVIRONMENT
USUSB—College of Extended Learning
Anaheim, CA
CONTACT: Beverly Noerr—909.880.5977

APRIL 29 TO MAY 2, 2002
VENTURING BEYOND THE CANOPY—
WCISA 69TH ANNUAL CONFERENCE
San Pedro—Catalina Island—Ensenada, BC
CONTACT: WCISA—530.892.1118

Meeting Highlights—Continued

10. Trees shall be well rooted in containers. No encircling, girdling or potentially girdling or potentially girdling roots shall be present except for small roots at the outside of the root ball that could be easily straightened or pruned. Use a small tool to excavate soil from the root crown to check for kinked or circling roots. If possible, remove one tree from the pot as a representative sample and check the root system.

11. The soil level in the pot must meet at the root crown of the tree. The tree crown must not be buried too deep or too shallow. Check to see if the soil in the pot is adequate and evenly moist.

NURSERY GROWING ALTERNATIVES

Many nurseries are constantly striving to improve their growing methods in order to produce better quality stock that is free from circling and girdling roots. Most problems with roots occur in the beginning stages in the liner pots. Promising new products are being introduced into the industry and are being shown to alleviate some of the problems associated with growing young trees. Tree seedling nursery containers are now available in extra tall sizes in order to promote long roots. Certain pots have vertical ridges down the interior of the pots to prevent roots from circling. Another method of producing good roots systems in larger trees involves purchasing bare root trees and potting them up into 15 gallon pots. This method assures the grower that the root system is in good condition and provides the buyer with a better established tree at planting time. While it is the job of the nursery to produce quality stock, it is also the responsibility of the buyer to not compromise the quality of the stock being purchased. If more buyers continue to demand high quality stock, the nurseries will continue to strive in order to meet the specifications of its customers.

SPECIES AND CULTIVAR SELECTION

As urban foresters, it is our role to maintain and enrich the integrity of our community forests. This can be facilitated through planting and testing new species and cultivars. There are many new, unusual or underused species worthy of consideration. It is important to look for unique features of these trees that complement the intended planting location. Different species and cultivars exhibit certain traits that might be more suitable, such as mature size and shape, pest and disease resistance, and tolerance to environmental conditions. Other varieties may be of interest because of attractive flowers or fall color. In addition to photos of interesting species, a large selection of sample trees was provided by AY Nursery for viewing. Some species and cultivars that were discussed include the following trees:



Radermachera sinica - China Doll



Pyrus calleryana 'Chanticleer'



Liquidambar styraciflua 'Rotundiloba'

Chorisa inignis - White Floss Silk Tree- This tree is similar to the well know *C. speciosa*, but with white to pale yellow flowers from fall into winter. Up to 50' tall.

Zelkova serrata 'Village Green' - This variety is useful as a substitute for elms, and provides attractive bronze fall color. Up to 45'.

Cercis canadensis 'Forest Pansy' - This variety of eastern redbud has striking purple/red foliage. Makes an attractive small to medium size tree. Can take some shade in hot climates. Up to 25-35' tall.

Pyrus calleryana 'Dancer' - This variety of ornamental pear has finely serrated leaf margins that look nice when waving in the breeze. Up to 25-50' tall.

Pyrus calleryana 'Chanticleer' - This variety of ornamental pear is narrow in shape. It can reach up to 40' tall with a spread of 15' wide.

Liquidambar styraciflua 'Rotundiloba' - The lobes of the leaves are rounded rather than sharp. Fall foliage is purple, and tree does not form seed balls. Up to 50' tall.

Quercus engelmannii - Engelmann Oak - A native oak to Southern California, its bluish gray-green leaves are oval or oblong, usually with smooth edges. Up to 60' tall.

Geijera parviflora - Australian Willow - The narrow, drooping leaves give a kind of weeping willow effect. Up to 40' tall.

Radermachera sinica - China Doll - This tropical looking tree has large fragrant white flowers, followed by long slender pods. Good for sites needing a smaller sized tree. Up to 20'-25' tall.

Brachychiton acerfolia - Australian Flame Tree - This is a very showy tree when red flowers appear. Exotic looking leaves are palmately lobed. Can tolerate dry soils. Up to 40' tall.

Koelreuteria bipinnata - Chinese Flame Tree - This tree provides a long season of interest, first with yellow flowers, then followed by showy, colorful capsules. Up to 40' tall.

Many thanks to Rebecca Fisher and her staff for a very informative program.