



STREET TREE SEMINAR, INC.

P.O. Box 6415
Anaheim, CA 92816-6415
Phone: 714.639.6516
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NEXT MEETING:

Thursday, October 26, 2006
Trees of the Garden & Garden Tour
Huntington Library and Gardens
San Marino, CA

2006 MEETING SCHEDULE

October 26	Trees of the Garden– Dr. Folsom	Huntington Gardens San Marino, CA
November 16	Historic Garden Tour	Rancho Los Alamitos Long Beach, CA
December 14	Officer Installations/Scholarship	Amazon Barbecue Fullerton, CA
January 18, 2007	WTMS	Los Angeles County Arboretum Arcadia, CA

MISSION STATEMENT

“To promote the advancement of urban forestry and provide a forum for tree care professionals to share their experiences, knowledge, and expertise for the benefit of the membership and the enhancement of Southern California’s community forests.”

VISION STATEMENT

“To enhance the health and beauty of Southern California cities by improving the quality of our community forests.”

REMEMBER TO CALL DAVE TEUSCHLER @ 818.899.1100
OR EMAIL HIM @ DTEUSCHLER@VCTREE.COM WITH YOUR RESERVATION



STS NEWSLETTER

OCTOBER 2006

STS September Meeting & Arboretum Tour

Submitted by Heather Crippen

I can't think of a more beautiful and serene place to spend an afternoon than the Fullerton Arboretum. Surrounded by the trees and lush greenery, ducks swimming lazily in the lake, you can forget you are on a college campus smack in the middle of the city and transport yourself to a simpler, quieter time.



Heritage House at Fullerton Arboretum

The arboretum is a 26-acre Botanical Living Garden with an ecologically arranged collection of plants from around the world. The Arboretum's garden paths wander through four major collections: Cultivated, Woodlands, Mediterranean and Desert



Beautiful waterfall accent at Fullerton Arboretum

Collections. Highlights include Southern California native vegetation, Rare Fruit Grove, historic citrus and avocado, Channel Islands

Garden, an extensive cycad collection, palm grove, community gardens, and a Children's Garden.



Lake at Fullerton Arboretum

For more information, go to <http://arboretum.fullerton.edu> or just stop in and visit, de-stress your day!

VOLUME XII ISSUE 10

UPCOMING MEETING INFORMATION

OCTOBER 26, 2006

HUNTINGTON GARDENS TOUR

LOCATION:

Huntington Gardens
1151 Oxford Road,
San Marino, CA 91108

COST:

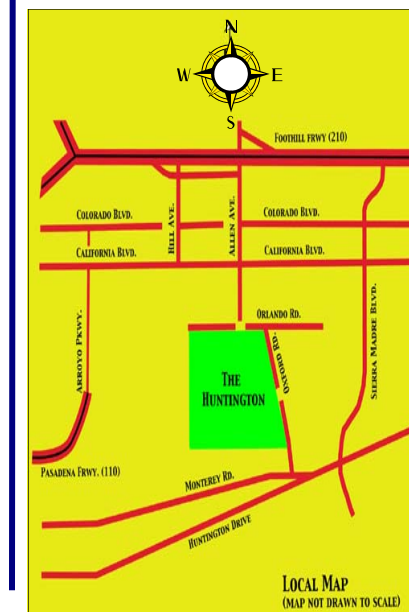
RESERVED: \$10.00
AT THE DOOR: \$15.00

MEETING COST GRACIOUSLY CO-SPONSORED BY TARGET & MAUGET

PLEASE RSVP BY 10/24/06
PLEASE NOTE EARLY START TIME

MEETING SCHEDULE:

10:00-10:30 Gathering
10:30-11:00 Program
11:00-1:00 Lunch & Meeting



LOCAL MAP (MAP NOT DRAWN TO SCALE)



PRESIDENT

Arthur Murphy
S.C. Edison
505 S. Maple Avenue
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310.783.9438

PAST PRESIDENT

George Gonzalez
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Greg Monfette
213.485.5675

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Al Remyn
714.538.3821

MAILING ADDRESS

Street Tree Seminar, Inc.
P.O. Box 6415
Anaheim, CA 92816-6415
www.streettreeseminar.com

STS Business Meeting - September 28, 2006

Past Presidents in Attendance:

George Gonzales, Al Remyn

Publications Report:

The publications committee is continuing to go through the process of adding and deleting trees for in the next addition of *Street Trees Recommended for Southern California*. Any feedback from the membership is greatly appreciated.

Raffle: Raffle prizes generously donated by : RPW, Street Tree Seminar, Valley Crest Tree

Company and Fullerton Arboretum.

Raffle Winners: Alan Hudak, Daniel Rojas (X2), Heather Crippen (X2), Ken Rokosz (X2), Dave Teuschler, Wayne Smith, Glen Williams (X2).

Next Meeting: October 26, 2006

Next meeting will be a tour of the "Trees of the Garden" by Dr. Folsom followed by a presentation hosted by Target and Mauget.

Join us at Huntington Gardens in San Marino.

In Remembrance

Sadly, our industry has lost two very prominent and well-loved members in the past month. Lieutenant Commander William Ramsay Trotter (USN Retired) and Dr. Alex Shigo have both passed. Take a short break from your busy schedules for a moment of silence for two great men who will be missed.

LIEUTENANT COMMANDER WILLIAM RAMSAY TROTTER (USN RETIRED) APRIL 5, 1924 - SEPTEMBER 23, 2006

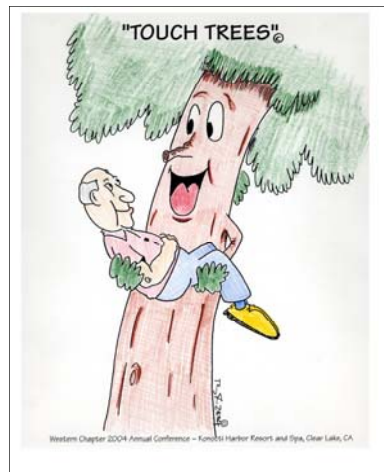
Bill Trotter died peacefully in his sleep on September 23, 2006. a lasting tribute to his life, the family of Bill Trotter will be working toward completion and publication of their Mom and Dad's book project, Plants of the Santa Rosa Plateau Ecological Reserve. In lieu of flowers, the family requests that contributions be made to a memorial fund for the completion of this project. Contributions can be directed to the "Santa Rosa Plateau Foundation" at P.O. Box 941, Murrieta, CA 92564-0941. Please reference "William Trotter Publication Fund" on your contribution



ALEX L. SHIGO MAY 8, 1930 - OCTOBER 6, 2006

Life has lost one its greatest warriors. It is with sadness and despair that I inform all of you that Alex L. Shigo passed on to the giant forest in the sky. It is up to all of us now to carry on the torch of liberty and justice for all trees know matter where they may grow. Plant a tree today and call it Alex. Even better start a scholarship program in your organization and put the Shigo name on it. The world of trees and its associates will never be the same with out the big guy. My blessings to all of you and to all of you, may you say a blessing for the Shigo family and friends. "Life is for the living" as Alex would say ! May he fare ye well.....

Robert Phillips , WCISA Past President



The Science of Autumn Beauty:

Seasonal information provided by the

For many people autumn weather brings a welcomed time of the year. Adding to the pleasure of the season are the vibrant colors displayed in nature. Leaf pigment, the physics of light, weather conditions, plant species, and geography all play important roles in the color of autumn. **Leaf Pigment and Light** Thanks to the physics of sunlight striking pigments in leaves, we see various leaf colors throughout the year. Leaf pigments play a crucial role in the colors we see. Chlorophylls, carotenoids, and anthocyanins present in a leaf help determine what color the leaf will display.

The pigment that gives leaves their green color is chlorophyll. Chlorophyll is used in photosynthesis which is the process that uses sunlight to transform carbon dioxide and water into carbohydrates (sugars) that fuel tree growth. During the spring and summer, with more hours of sunlight and warmer temperatures, this photosynthetic process is most active thus leaves are green.

When daylight hours become less and temperatures are cooler, photosynthesis slows down and there is less chlorophyll. This decline reveals a yellow or orange pigment- carotenoid. Carotenoids, the same pigment found in carrots and corn, are

usually masked by the chlorophyll.

Unlike chlorophyll and carotenoids which are present in leaf cells throughout the growing season, anthocyanins are produced in autumn. Anthocyanins give color to familiar fruits such as cranberries, red apples, cherries, and plums. These complex water soluble compounds in leaf cells react with excess stored plant sugars and exposure to sunlight creating vivid pink, red, and purple leaves. A mixture of red anthocyanin pigment and yellow carotene often results in the bright orange color seen in some leaves.

Weather and Color

Weather conditions that occur before and during the decline of chlorophyll production can affect the color that leaves may display. Carotenoids are always present so the yellow and gold colors are the least affected by weather.

Colors most affected by weather are the red tones created by anthocyanin. On warm sunny days lots of sugar is produced in the leaves. Trees exposed to brighter sunlight generate the reaction between the anthocyanins and the excess sugar creating the bright red hue.

Cooler temperatures cause the veins in the leaves to gradually close preventing the sugars from moving out which preserves the red tones.

Thus a succession of warm sunny days and cool crisp nights can paint the most spectacular display of color.

The level of moisture in the soil can also affect autumn color. A severe summer drought can delay the onset of color change by weeks. Ideal conditions for producing the most brilliant colors are a warm wet spring, favorable summer weather, and sunny fall days with the cooler temperatures at night.

Species and Geography

The genetics of different tree species help determine what color the leaves will turn. Color depends on the levels of iron, magnesium, phosphorous, or sodium in the tree and the acidity of the chemicals in the leaves. Some tree species displaying yellow foliage are ash, birch, beech, elm, hickory, poplar, and aspen. Red leaves are seen most often in dogwood, sweetgum, sumac, and black tupelo trees. Some oaks and maples present orange leaves while others range in color from red to yellow, depending on the specific species.

Deciduous forests and trees, with their many broad leaves that change color almost in unison, display the most noticeable fall color. Evergreen species also display fall colors, only slowly and gradually. The appearance of autumn color starts as early as mid September in more northern latitudes, and moves southward reaching its

peak in October, but color continues to appear in more southern regions and higher elevations in the west throughout November.

Only a few places in the world have the combination of tree species and climatic conditions necessary for the most vivid fall foliage. Some of the best locations with broadleaved deciduous trees and favorable conditions for brilliant fall color are:

- ◇ Northeastern U.S. (New England) Southeastern Canada
- ◇ Adirondack, Appalachian, Smokey, and Rocky Mountain Regions
- ◇ Select areas around Seattle, Portland, and San Francisco.

Remember that cooler higher elevations will display color before lower warmer geographic regions.

Even with these facts the timing, location, and intensity of autumn color are not completely predictable. To truly experience the colorful display you must be adventurous. There are many states with thousands of scenic byways designed to focus on the palettes of autumn color. So even if you live in a region that does not produce an array of color, take an autumn vacation and explore nearby states that do. For up to date regional information you may contact the US Forest Service Fall Color Hotline at 1-800-354-4595 or on the internet at <http://www.fs.fed.us/news/fallcolors/index.shtml>.

Upcoming Industry Events

October 18, 2006

Identifying, Treating & Managing Hazardous Trees
Brea, CA
Contact: Ted Stamen 949-454-2409

October 27, 2006

Recognizing Tree Diseases V - WCISA Regional Meeting
Carmichael, CA
Contact: WCISA 714/639-3610

December 3-6, 2006

ASCA Annual Conference
Napa, CA
Contact: ASCA 301-947-0483

It's Time to Pay Your Dues !

You should have received your annual dues invoice in the mail by now.

Please take a moment to provide us with your email address so we can communicate with our membership electronically.

Invoices are dues and payable by October 31, 2006.

Remember you can pay by either check or credit card - just write your card number and expiration date on the form.