



In the Shade

President's Message

Spring is here and we have enjoyed a relatively normal winter season. I thought I would take this opportunity to offer the events, speakers, and topics that we can look forward to at this year's annual conference in late September.

Oh, before I get into that. Pat Wentworth and Kevin Bassett produced a wonderfully succinct, thorough, and informative report on the Fort Davis Cottonwoods near El Paso. It also turns out they had a really good time during the whole process. Thanks again guys for representing ISAT so well!

As everyone should know by now, we are putting on the conference this Fall with the Texas Urban Forestry Council. It looks like between the two programs the groups have developed, we are going to have a very informative and fun annual conference. Pat Wentworth has been doing a great job nailing down speakers for our half of the show.

We will be bringing Sharon Lily from ISA International and she will be speaking on Standards and Practices in our industry and has a wonderful format in

which she accomplishes this. Dr. John Ball will be presenting accident stories in Arboriculture. Russ Carlson is a very talented Consulting Arborist from the Penn-Del Chapter that will share tips on report writing and has some fascinating stories from cases he has been



involved with. Environmental Designs out of Houston will be talking about the techniques of moving large trees. They are the folks that bought Al Koereniks operation years ago.

Continued on page 6

Texas Urban Forestry License Plate

The Texas Urban Forestry Council is proud to announce that the Texas Urban Forestry License Plates went on sale February 1, 2005.

Texans who purchase the urban forestry license plate

will pay an additional \$30.00 to the Texas Department of Transportation. Of the \$30.00, \$8.00 will be allocated to TXDOT. The remaining \$22.00 will be deposited into a Treasury account which will be

allocated to the Texas Urban Forestry Council. In turn, TUFC will spend all funds on urban forestry education, preservation, and tree planting.

To purchase your urban *continued on page 3*

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Special points of interest:

- Spanish Language Pruning Manual
- Call for Committee Appointments
- UWI Traveling Exhibit Available
- ArborMaster Training in Irving
- ArborMaster TTCC Prize Package

2004-2005

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License Plate

Continued from page 1

forestry license plate, please log on to:
<http://www.texasurbantrees.org/licenseplate.html>

At that time you may view detailed instructions, download the link from TXDOT, download your application form, and mail it with a check for \$30 to the Texas Department of

Transportation.

For information on how to become a member of the Texas Urban Forestry Council, please log on to:
<http://www.texasurbantrees.org/membership.html>

Thank you in advance for your generosity and support!

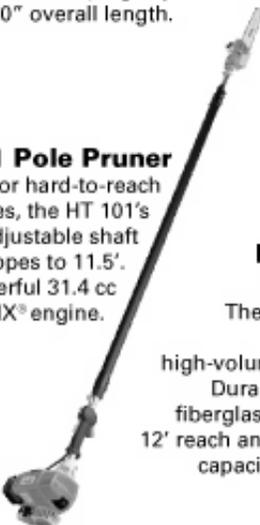


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Plano's City Tree Inventory *by Renee Burke-Brown*

The City of Plano is currently working under a Texas Forest Service grant to conduct a comprehensive geographic information system (GIS) based tree inventory of its park land. It is important to inventory our urban forests so that we can evaluate its qualities in order to determine how it should be managed.

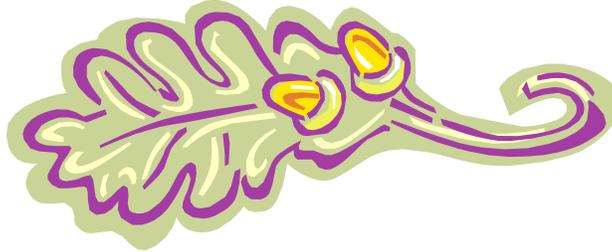
Data is collected to serve several purposes. The main purpose is to create a GIS layer of the trees. This layer is a digital point coverage file that can be used as a map overlay in mapping software such as ArcView. The following is information that we use to develop in-house work plans and management plans:

Species, Diameter, Health, Insect, Disease, Cavity location, Weak fork, Percentage of deadwood, Type of maintenance, Removal priority, Site problem.

We also collect data for processing in CityGreen5, an ArcView extension created by American Forests and ESRI. CityGreen5 calculates the amounts of environmental benefits trees provide such as air pollution removal, carbon storage, storm water abatement and energy conservation. It also calculates the dollar values of these environmental benefits. CityGreen5 will also growth model up to 50 years and project the environmental benefits in those future years. The following data is collected in order for CityGreen5 to perform its calculations:

Species, Diameter, Radius of the canopy, Height, Health, Growing conditions.

For trees that are greater than 8" in diameter, they are appraised using the Trunk Formula Method per the Guide for Plant Appraisal, 9th Edition by the Council of Tree and Landscape



Appraisers, published in 2000 by the International Society of Arboriculture. We also use the Texas Supplement to the Guide for Plant Appraisal, published in November 2003 by the International Society of Arboriculture, Texas Chapter. The following items must be included when conducting a tree appraisal:

Species, Diameter, Structure & health of roots, Structure & health of trunk, Structure & health of scaffold branches, Structure & health of small branches & twigs, Health of foliage and buds, Site rating, Contribution rating, Placement rating.

Looking at all of the data on the trees statistically, we have been able to make several general conclusions about the trees we have surveyed thus far. We have found that generally the parks' trees are in good condition. We have also found that insects that feed on trees are not a serious concern at this time. Most cavities that occur on park trees are buttress cavities that are caused by mechanical damage or construction damage and are often sites of decay. About 40% of the trees in parks contain some level of deadwood, and the most prevalent type of maintenance needed is crown cleaning. And, we have found that in most parks there is a need for more tree planting.

Since starting the project in March of 2003, we have collected data in 37 parks totaling 701 acres. We have collected data on 6,722 trees. Using CityGreen5 we have found that the value of the air quality benefits provided by the trees inventoried is

worth more than \$21,000 a year, and the annual value of storm water runoff benefits is worth more than \$628,000. The tree appraisals reveal that the trees inventoried thus far have a value of more than \$21.4 million.

We are looking forward to a positive impact to the community with the information we have generated from the tree inventory. With the information generated, citizens will gain new insight into the diverse ways that Plano's park trees provide environmental benefits and how they are valued. In addition, the appraised value of the trees inventoried is a significantly new way to look at the look at the values of trees. And finally, the inventoried trees are slated to receive improved care, which provides for longer lived trees, more aesthetically pleasing trees and for a safer place for people to recreate.

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Announcing the...

2005

Texas Tree Climbing Championship

Friday June 10th and Saturday June 11th

Zilker Park in Austin, Texas

Come see climbers from around the state as they compete in the tree tops for the title of “Texas Champion”!

Events include the Work Climb (beginning in the top of a tree and traveling to several different work stations), the Aerial Rescue (simulation retrieval of a dummy –volunteer needed), and perhaps the most popular event, the Footlock (fastest time 50 feet up a hanging rope). The winner will have his expenses paid to represent the Texas Chapter at the International Tree Climbing Championship in Nashville in August.

There are three significant changes this year. First, we are returning to June (which years ago was our usual time for this event) to improve our chances of better weather. Secondly, we are not holding a workshop in conjunction with the competition. This makes managing the competition simpler, and divides chapter committee responsibilities more logically. Finally, the competition events will take place over two days instead of one. This gives us flexibility in case of bad weather, and also takes a lot of pressure off the organizers.

This year’s sponsors include **Bandit Industries** and their state dealer **Poston Equipment Sales**. **Stihl** and their dealer **Blue Mountain Equipment** will be on hand to run the Speed Saw event, and other exhibitors are in the works. Estes, Inc. of San Antonio will likely be there to demonstrate fertilizing products and equipment.

There will be a food vendor available on site, and “**Restaurant Row**”, a collection of about six restaurants, is within three blocks. Mucho more restaurants within one mile. Beautiful, cool **Barton Springs Pool**, the “Crown Jewel” of Austin, is adjacent to the competition site. And everyone knows the nightlife and music scene in Austin is THE BEST! So come on down and make a weekend of it in the “Bluest City in the Red State”!

Because there is no workshop in conjunction with the competition this year, there will be no brochure sent to the entire membership. This is the main announcement for the event. For further information about competing, volunteering, exhibiting, hotels, or anything else, contact event chair **Guy LeBlanc: 512-301-8700**.

President's Message Cont'nd

Continued from page 1

We have a representative from Arborworks that will discuss the state of the art in tree inventory software, applications, and examples. We will again have the Case Capsules portion of the Conference that will allow attendees the opportunity to present unique, unusual, or challenging cases or projects they have been involved with.

James Tuttle will be hosting a Texas Hold-Em Card Tournament on Thursday evening that will benefit The Texas Research Trust. This looks like a really fun evening with cash bar available and plenty of poker chips, so save those dollars for an entertaining evening at the poker table. We will be bringing back the Past Presidents Breakfast and a new twist, a New Members Breakfast that will allow new members to meet the Executive Committee and offer any ideas on what the Chapter might do to

better serve them and draw in other new members. They will also be able to any questions they might have about the chapter. Both are included in the registration, just an RSVP will be required.

The Awards Gala will be a luncheon this year and likely be an optional event, however, I trust all will be there to support all the recipients! We plan on a breakfast buffet Thursday and Friday morning as we had in Roundrock that will be included in your registration.

Wow, I'm tired already. To close this issue, we should have a meeting location for the 2006 conference decided upon and likely booked by the time we meet in late September.

That's all for now, May the Forest Be With You!

Russ

CONSIDER A COMMITTEE APPOINTMENT

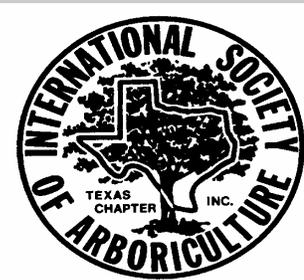
The strength of the Texas Chapter of ISA depends on the willingness of members to get involved. There are many areas that a person can serve their fellow arborists. Putting on the Texas Tree Climbing Championship takes 30+ volunteers. Rene' has done a wonderful job of putting together a CD of our history, but it will take more volunteer hours to maintain the information. Putting on workshops, and getting out information about those workshops is an ongoing need.

There are 12 committees that need volunteers willing to serve others. The board forms other committees as needed and the president appoints people to serve on those committees. If you have an interest in serving in these areas, contact Russ Peters or the committee chair.

Past-President chairs the nominating committee, which puts together a slate of nominees for positions leadership of the organization. If you have an interest in serving in this area, please contact James Tuttle. Contact information is inside the front cover of this newsletter.

NOW IN SPANISH: "HOW TO PRUNE TREES"

PDF on the web available from USDA Forest Service,
http://na.fs.fed.us/spfo/pubs/howtos/ht_pruneespanol/como_podar_arboles.pdf



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ISAT & FT. DAVIS

This is a follow-up to last issues article on ISAT assistance for Ft. Davis National Historic Site. From the National Park Service's newsletter.

Fort Davis National Historic Site (NHS) will be implementing recommendations made by the International Society of Arboriculture Texas Chapter (ISAT) concerning the management of the historic cottonwood grove. Patrick Wentworth of Austin Tree Specialists, Kevin Bassett of Arborilogical Services, Inc, of Wylie, Texas, and Oscar Mestas, with the Texas Forest Service in El Paso, were asked by the National Park Service to evaluate the condition of the cottonwood trees and to make recommendations for their long-term care.

Their report recommends pruning, cabling, fertilizing, and installing lightning protection to preserve the trees. In addition, it strongly recommends that three of the most hazardous trees be removed. These trees, the most severely affected by disease, are rapidly dying. The report stresses that even with the very best care, the historic cottonwood grove will remain a hazardous area capable of

dropping very large limbs with little or no warning.

In an effort to preserve the historic trees while providing for visitor safety, the park has closed the historic cottonwood grove. In addition, in order to reduce damage to surface roots, encourage propagation and allow the natural vegetation to retain groundwater, the area will not be mowed. The picnic tables have been moved to an area adjacent to the main parking lot.

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Superintendent Todd Brindle, "We are extremely sensitive to the historical importance of the trees as well as their significance to the community. We hope people will understand that closing the cottonwood grove is necessary to ensure the safety of the general public as well as to achieve our long-term goal of preserving and propagating these wonderful old trees"

For more information, please stop by the park or call (432) 426-3224.

Midland/Odessa Update *by Eric Copeland, Texas Forest Service, Abilene*

On February 24th the first of four weekly sessions of the Permian Basin Arboriculture Training Series was held in Midland. Each half-day session covered various subjects of the ISA Certified Arborist exam and featured speakers from the Texas Forest Service and Texas Cooperative Extension. James Tuttle even volunteered to come down from Lubbock to talk about safety and do a climbing demonstration. Yes, we did find “the tree” in Midland that is big enough to climb.

The four week training session concluded with an ISA Certified Arborist exam on March 24th. Participants who

signed up for the course received membership in ISA, membership in ISA Texas Chapter, the ISA Arborists’ Certification Study Guide, and lunch at each training session. Twenty-one people signed up for the training series, which resulted in 17 new ISA and ISA Texas Chapter members. So far, preliminary results from ISA show that 6 people from the class have passed the Certified Ar-

borist exam. These results are very encouraging for the enhancement of tree care in West Texas.



Urban Wildland Interface Traveling Exhibit

Traveling Exhibit Request Procedure

All requests for the traveling exhibit must be submitted on an Exhibit Request Form found on the TICC website <http://www.tamu.edu/ticc/UWI.htm>. Fill out the request and submit it to Pat DeVoe in the Bastrop TFS office. Upon receipt of a request, the following will occur:

All requests in East Texas will be forwarded to the District Office in which the event will be taking place. The District Office will determine whether they can or will staff the event. If they can handle the event, the District person will be responsible for coordinating

picking up and returning the exhibit with Jan Amen either by email or phone: jamen@tfs.tamu.edu or 936-639-8100. It will be noted on the calendar and the District rep will be responsible for contacting the event representative. The Regional UWI Specialist and Regional Fire Coordinator will be carbon copied on the request forwarded back to the district.

For all requests in the Central and Western Regions, Pat will forward the request to Mary Leathers, who is part of the State UWI program. She will verify availability of exhibit and confirm date. The region in which the event is taking place will be notified

and may be asked to assist based on the event. The event will be noted on the calendar.

For further information, go <http://www.tamu.edu/ticc/UWI.htm>. This location contains guidelines for the display, request form, and calendar of events.

This procedure is an attempt to eliminate confusion in the request procedure, and allow districts and regions to determine manpower for the event. If you have any questions, please contact Pat DeVoe, pdevoe@tfs.tamu.edu, or Rich Gray, rgray@tfs.tamu.edu. The Bastrop phone # is 512/321-2467.



American Phytopathological Society Annual Meeting

The APS (American Phytopathological Society) will hold their annual conference in Austin this year. This meeting is packed full of talks, presentations, and discussions about every facet of plant disease research. The meeting is open to anyone who wants to attend.

Two events you may find interesting are the forest pathology field trip and a Symposia "Speculation and Discussion on the Origin and Spread of Oak Wilt". The field trip will be **Friday, July 29** 7:30 a.m. Fri. – 5:00 p.m. Saturday July 30th. The Symposia will be Wednesday August 3 from 8:00a.m. – noon.

TOPICS AND SPEAKERS (in order of presentation):

Introduction to the session
Tom Green / John Hartman

Ceratocystis fagacearum: Where did it come from? Clues from genetic diversity and relatives.
Paul Zambino, USDA Forest Service, Rocky Mountain Research Station, Moscow, ID
Tel: (208) 883-2334
e-mail: pzambino@fs.fed.us
Mailing address: 1221 S. Main St., Moscow, ID 83843

Continental and intercontinental spread of *Ceratocystis fagacearum*: Should we be concerned?
William MacDonald, West Virginia University, Morgantown, WV
Tel: (304) 293-3911
e-mail: macd@wvu.edu
Mailing address: Plant & Soil Sciences, 401 Brooks Hall, PO Box 6058, Morgantown, WV 26506-6058

Spread of *Ceratocystis fagacearum* across the landscape: What do spatial patterns tell us?

David Appel, Texas A&M University, College Station, TX
Tel: (979) 845-8273
e-mail: appel@ag.tamu.edu
Mailing address: Dept. Plant Pathology and Microbiology, Texas

A&M University, College Station, TX 77843

Above-ground spread of *Ceratocystis fagacearum*: Will the important vectors please stand up?

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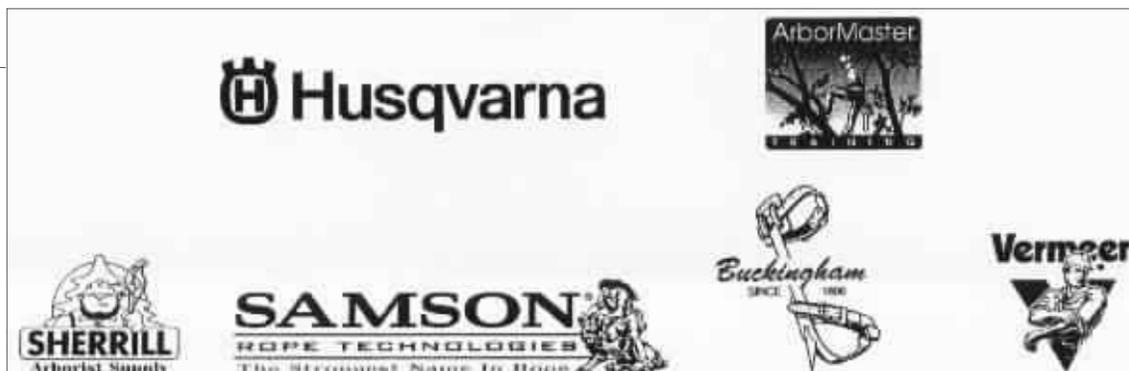


Arbor Master Climbing Prize Package!!!

Announcing the 2005 ArborMaster® Climbing Prize Package for the Texas Chapter Tree Climbing Champion (TCC), held in conjunction with the 2005 Tree Climbing Championship. This climbing kit is being offered to each chapter champion (both man and woman, if applicable)! The package is intended to help equip the chapter representative for the International Tree Climbing Championship (ITCC) Competition.

Each prize package to include:

- Husqvarna 338 XPT and a Husqvarna Helmet System
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- 50% savings on an ArborMaster® 2-Day Training Module
- ArborMaster® Master 4 Saddle by Buckingham Mfg.
- Buckingham Rope Bag
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APS Meeting Continued

Jennifer Juzwik, USDA Forest Service, North Central Research Station, St. Paul, MN
Tel: (651) 649-5114
e-mail: jjuzwik@fs.fed.us
Mailing address: North Central Research Station, 1561 Lindig St., St. Paul, MN 55108

Within tree and between tree spread of *Ceratocystis fagacearum* and implications for systemic chemical control.
Ryan Blaedow, University of Minnesota, St. Paul, MN
Tel: (651) 649-5115

e-mail: blae0015@umn.edu
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We're on the Web!
www.trees-isa.org

ArborMaster Training returns to Irving

ArborMaster Training is pleased to announce their public training course locations for 2005, which includes a return to Irving, Texas! The course offerings are:

- Level I Tree Climbing Methods & Best Practices: Dec 5-6, 2005
- Level I Precision Felling, Chain Saw Handling, Safety & Ergonomics: Dec 6-7, 2005
- Level I Arborist Rigging Techniques: Dec 8-9, 2005

Please contact the
ArborMaster Training office
for further information
Ph: 860.429.5029 or via
email at

Info@ArborMaster.com
Or visit their website at
www.ArborMaster.com

