

Summer 2011
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Urban Trees: Beyond the Aesthetics

by Clay Petree

The national conversations about climate change, waste reduction and forest health and the urban forest are important to arborists for both business and philosophical reasons. Only a decade ago little real attention was paid to the urban forests of the United States aside from a general acknowledgement that street and other “in-town” trees needed to be trimmed, removed or otherwise cared for to assure safety and tree health. The part the urban forest plays in scrubbing and sequestering (trapping) greenhouse gases from the atmosphere, the potential for waste reduction through highest and best use of the woody debris removed as arborists do their work and other benefits known to be provided by the urban forest were just coming to be recognized. Even the USDA Forest Service’s Forest Products Laboratory, long a cutting edge organization in terms of finding new uses for wood fiber opined just seven years ago that “urban tree and woody yard residues” are mainly suited for low value products like mulch.

Three important advances have changed perceptions of the importance of the urban forest since the turn of this century.

First, a realization of just how much carbon is stored in the forest has come to the fore. A 2002 report by the Forest Service’s Northeastern Research Station found the urban forests of Indiana were storing 14,430,000 metric tons of carbon and sequestering an additional 468,000 tons of carbon per year.

Next, a realization of how much wood removed in the course of caring for the urban forest could actually be used for high value products has come into being. A 2001 Forest Service publication by Steven Bratkovich, Utilizing Municipal Trees, reported that of the 200 million cubic yards of urban tree and landscape residue generated each year in the United States about 15 percent is classified as “unchipped logs.”



“To put this figure in perspective,” Bratkovich contended, “... if these logs were
Urban Trees continued on page 6

A Message From the President

Did you know?

Did you know that the Florida Chapter of the ISA is the only state chapter in the country to have its own license plate?



My commitment to raising awareness of the Trees Are Cool license plate is one of my main focuses this year. This is an important effort as the Chapter has pledged a portion of the profits to the "Florida Chapter of the ISA Endowment Fund for programs in Continued Education and Research in Arboriculture and for programs that save trees".

I challenge each of you to join me in this effort for education and to ensure the Chapter financial stability. If you have not yet purchased your Trees Are Cool specialty plate, do so today. No need to wait till renewal time to get yours. If each person reading this article had a Trees Are Cool plate it would be a perfect world!

I also encourage all of you to attend the Trees Florida 2011 Conference in Jacksonville June 12 - 14. Each year this event is well attended. I look forward to promoting our chapter and its wealth of certification, educational and hurricane programs everyday as I work in the green industry. The Florida ISA has brought me a wealth of knowledge and is working to educate the next generation of arbor professionals. Please, make your contribution to promoting the Chapters educational programs.

With all of this said, I ask each of you to encourage at least one person to purchase a Trees Are Cool plate. With all of our efforts, we should be able to sell 4000 plates by the end of 2012.

Thank you again for allowing me the privilege of serving as your Chapter President for 2011. I will work hard to make the Florida Chapter one of the best in the country.

Thank You,

Don T. Winsett



MEMO BOARD







June 12 - 13 - 14
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John P White Fall Scholarship -
 application due June 15, 2011



Arborist Safety and Climbing
 June 2 - Orlando
 September 16 - Tampa
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INDUSTRY NEWS

Congratulations!

The Florida Chapter ISA wishes to extend congratulations to Michael S. Zimmerman who recently received a Special Tribute by the Friends of Mounts Botanical Garden in West Palm Beach with the naming of The Zimmerman Shade and Color Garden. Mike was honored in recognition of his years of service and dedication to Mounts Botanical Garden. Congratulations Mike Zimmerman!

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Sunday June 12, 2011

- Tree Academies:
 - Tree Appraisal - Laverne, Samnik, Stratton, Wilson
 - Urban Forestry Field Study - Anderson, Chabot, Dooley, Mummaw, Piety, Robertson, J Smith, Wassenger

Monday June 13, 2011

- Outdoor Tree School at the Treaty Oak
- General Session featuring
Keynote Speaker Phillip van Wassenaer
plus Cox, Elliott, Leonard, Raupp
- Breakout A - Ali, Easey, Figart, Meisbauer
- Breakout B - Ali, Raupp, Whitehurst

Tuesday June 14, 2011

- Outdoor Tree School at the Treaty Oak
- General Session featuring
Luncheon Speaker Phillip van Wassenaer
A View From the Top of the Redwood Forest
plus Binkley, Gilman, McCoy, Odom
- Breakout A - Ali, Easey, Figart, Meisbauer
- Breakout C - Elliott, Gilman, J Smith

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~JUNE 12-13-14 2011~



Getting to Specification Details Failure

Todd Kucharski
Florida ISA Board - Municipal Representative

Municipalities that need work to be done within their city or county require a bidding process to determine who will be hired to accomplish the task. You have probably heard this before: “in the public sector, the low bid wins”. In reality whether public or private sector, you get what you pay for. So how can you make sure that the “low bid” you receive doesn’t mean “cheap and poorly done”? The answer may be easier than you think.

Many of us who work within government offices have prepared bid specifications for tree work in the public sector or been involved with reviewing the submissions. We often see rather vague bid requirements like:

- bidding company must be licensed to work in the state of Florida,
- bidding company must follow current pruning standards, or sometimes simply
- tree removal required at address XYZ.

This type of information just isn’t enough to ensure the hiring of quality, professional, certified arborists. We need to add language within the specifications of the work to be performed as well as what qualifications a firm must have in order to even qualify for bidding. It’s all about the details.

Generating specifications for tree work can be difficult and challenging considering it is both an art and science. However, we simply need to make sure that all practices you are specifying meet with the American National Standards Institute (ANSI) A300 and Z133 standards. If you are not familiar with these standards, visit the ANSI web site for more information <http://www.ansi.org/>. Including these ANSI standards within your specifications helps keep everyone on a level playing field. Depending how much you want to detail and how time-sensitive your project is, you can place specific information from the Standards directly into your specification (reference ANSI accordingly) .

How do you know if the firms that are submitting bids have

certified arborists on staff? Simple: in the requirement part of your bid, make sure to require that all bidders provide you with a copy of their certification. I personally would be proud to share a copy of my certification if bidding on any project. To take this to another level, you can also require that the firms must be members of the International Society of Arboriculture and Florida Chapter. Requiring these types of items helps ensure that bidding firms are professionals and members supporting our industry.

These few simple additions to your tree work specifications will help to ensure a level, competitive bidding field. More importantly, it allows you to hire certified arborist professionals and industry supporting members (that know and care for proper arboriculture practice and ethics!) to work on your public projects. Now this is the way to get the best bang for your tax payers’ dollars. ❖

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September 16, 2011 - Tampa
Fall 2011 - Ft. Lauderdale (TBA)

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Urban Trees continued from page 1

sawn into boards, they theoretically would produce 3.8 billion board feet of lumber, or nearly 30 percent of the hardwood lumber produced annually in the United States.” The vast bulk of the material Bratkovich spoke about comes from the urban forest.

Last, a new kind of technology, widely introduced to the marketplace in the mid-1980s by an Indianapolis firm, Wood-Mizer Products, Inc., came into its own as a professional’s tool over the past decade and a half. The thin kerf band sawmill, (kerf is the thickness of the cut when a saw blade slices through wood) made it possible for small, one and two person operations to purchase relatively inexpensive sawmills. The mills can saw a thousand or more board feet of lumber per day from material wasted in previous years because conventional mills did not want the fiber.

Today, a conservative estimate based on data derived from academic work done at Auburn University allows a conclusion that perhaps 30,000 or more entrepreneurial firms in the United States and Canada, many owned by arborists, are, on either a full time or

part time basis, sawmilling lumber from a resource once considered to be waste. Those firms are milling hundreds of millions of board feet of lumber per year. A substantial part of that lumber comes from logs and tree parts that would have been discarded or under-utilized previous years. Fiber once pointed to by the Forest Service as valuable for little more than mulch is being recovered and processed into high value products enabling arborists, and others, to enhance profitability and expand market opportunity.

Pony Boy Gilbert, an arborist and the owner of Long Tom Custom Sawmill near Eugene, Oregon points to one way a portable sawmill can expand opportunity for an arborist. The University of Oregon has its own “Sustainability Department” for managing trees on campus, Pony points out, but when the department removes trees or large tree parts from the campus due to storm damage, disease or hazard potential, the university calls on Pony Boy for sawmilling services. Pony Boy sets up his LT15 portable sawmill right on campus then mills the material into lumber for use by the university’s

Urban Trees continued on page 18



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Hidden Elms Are Disease Resistant

This Hidden Population May Hold Genes to Combat Dutch Elm Disease

Reprinted with permission: [Nursery Management Online](#)

Two USDA scientists may have discovered “the map to El Dorado” for the American elm—a previously hidden population of elms that carry genes for resistance to Dutch elm disease. The disease kills individual branches and eventually the entire tree within one to several years.



Dutch elm disease. Photograph. Encyclopædia Britannica Online. Web. 10 May. 2011
www.britannica.com/EBchecked/media/5307/English-elm-afflicted-with-Dutch-elm-disease

It has been accepted for 80 years that American elms (*Ulmus americana*) are tetraploids, trees with four copies of each chromosome. But there have also been persistent but dismissed rumors of trees that had fewer copies—triploids, which have three copies

of chromosomes, or diploids, which have two copies.

Now botanist Alan T. Whittemore and geneticist Richard T. Olsen with USDA’s Agricultural Research Service (ARS) have proven beyond question that diploid American elms exist as a subset of elms in the wild. Their findings will be published in the April edition of the *American Journal of Botany*. Whittemore and Olsen work at the U.S. National Arboretum operated by ARS in Washington, D.C.

American elms once lined the country’s streets and dominated eastern forests until they succumbed by the millions after Dutch elm disease arrived in the United States in 1931. Yet elms are still one of the most important tree crops for the \$4.7 billion-a-year nursery industry, especially since the introduction of a very few new trees with some tolerance to the disease. American elms remain popular because of their stately beauty, their rapid leaf litter decay and their ability to stand up to city air pollution.

It was one of the disease-tolerant elm trees—Jefferson, released jointly by ARS and the National Park Service in 2005—that put

Hidden Elms continued on page 15




Trees4Florida Public Service Announcements Available at www.treesarecool.com

With the devastation to trees in Florida by hurricanes, storms and fires, millions of dollars in valuable tree resources have been lost, particularly within the past several years. Jointly, the Florida Urban Forestry Council (FUFC) and the Florida Chapter of the International Society of Arboriculture (FC-ISA) developed the Trees4Florida program which focuses on making the public more aware of the need to be vigilant in safeguarding our trees and preserving Florida’s greatest green resource.

The Trees 4 Florida program has produced a variety of Public Service Announcements (PSAs) available for anyone to free of charge. Included in the campaign are English and Spanish print-quality and broadcast-quality PSA ads and spots. Include them on your website, flyers or any promotional material.

Access these FREE PSAs by visiting www.treesarecool.com; hover on ‘Trees4Florida’ in the menu box to the left to make your choice of ad style.

The following article is provided in English and Spanish

PROMOTING THE ECONOMIC BENEFITS OF YOUR URBAN FOREST

Francisco Escobedo (University of Florida); Henry Mayer (Miami-Dade Extension); Andy Kittsley (City of Orlando Forest Manager); Dr. Ross Hinkle (University of Central Florida)

In 2010 the City of Orlando completed an assessment of its urban forests. This effort was a continuation of an original project in 2007 that assessed the benefits of its street trees. In cooperation with the University of Central Florida and the University of Florida, the City of Orlando estimates that its urban forest is made up of approximately 9,208,000 trees of which 84% were evergreen. This is about 119 trees per acre. Tree cover and shrub cover in the city were 23% and 7% respectively.

In all, Orlando urban trees have stored about 475,000 tons of carbon through their lifetime and annually remove about 29,370 tons of carbon. Also, because of the effects of tree shade on building energy use, a total of 1,564 tons of carbon are not being emitted from power plants. The total energy savings amount to about 11,122 megawatts equivalent to a savings of \$1,271,000. Orlando's tree canopy, through annual storm water interception, are estimated to capture approximately 5% of annual rainfall.

The original street tree study done in collaboration with the USDA Forest Service also found that average annual net benefits increased with tree size and differed based on location: \$1 (public) to \$10 (yard) for a small tree to \$96 (public) to \$123 (yard) for a large tree. Management and maintenance costs associated with street trees were also determined to be about \$20-31 per tree. Specific details on this study can be found in: <http://www.treesearch.fs.fed.us/pubs/36656>.

These studies show that Orlando's urban forests provide a great amount of benefits to the people of Orlando. The sites this information was collected from will be continuously studied and monitored to better understand the characteristics of the urban forests and the benefits

they provide over the long-term. Also, the city may consider using the results as a basis for working towards participating in carbon credit trading in future and to better understand hurricane and land use change effects on urban forests.

Most importantly these studies are providing more than just detailed, scientific research on urban forest benefits. The street tree data is proving to be indispensable in managing the city work load. The information and data can easily be used and applied in i-Tree (<http://www.itree-tools.org/>) and spreadsheets. So, by using tree contractor costs, the city can accurately predict how much any tree maintenance work order will cost and determine if it is more economical to contract out tree maintenance work or do it within the City Forestry Department. Work sites can also be located, identified and matched to evaluate the amount of trees a contractor has done; this can easily be used to determine if the City is being accurately billed. The tree data can be kept accurate by the City through daily updates of work completed. And because

the tree inventory data and results are based on Orlando-specific studies, they are easily accepted as valid.

As an example of how this information can be used to promote and sell the urban forest resource, last year was the culmination of 4 years of progressively austere budget preparations in

Orlando. The entire city was making budget cuts and lay-offs across the board; even fire and police department budgets suffered. However, Orlando's Forestry Department was the exception. Its budget and personnel were nearly doubled in direct response to the presentations made to the mayor and commissioners concerning the value trees provide the city. When they heard that for each \$1 spent on tree care the city gets \$1.87 in real benefits; the decision was made to increase the Forestry budget. ❖



El siguiente artículo está escrito en Inglés y en Español.

Promoviendo las Ventajas Económicas de Nuestros Bosques Urbanos

Dr. Francisco Escobedo, Escuela de Recursos Naturales y de Conservación de la Universidad de la Florida, Gainesville; Henry Mayer, Miami-Dade IFAS Agente de Extensión Comité Hispano e ISA; Andy Kittsley, City of Orlando; Jefe de Manejo Forestal; Dr. Ross Hinkle, Universidad Central de Florida.

En 2010 la ciudad de Orlando terminó una evaluación de sus bosques urbanos. Este esfuerzo fue la continuación de un proyecto original iniciado en 2007 que determinó las ventajas de los árboles ubicados en las calles. El estudio se realizó en cooperación con la Universidad Central de la Florida y la Universidad de la Florida, estimándose que el bosque urbano de Orlando está compuesto por aproximadamente 9,208,000 árboles. Esto da aproximadamente 119 árboles por acre. La cubierta de árboles y de arbustos en la ciudad son el 23% y el 7% respectivamente.

Los árboles en Orlando han almacenado en el curso de sus vidas cerca de 475,000 toneladas de carbón y captan anualmente cerca de 29,370 toneladas de carbón. Un total de 1,564 toneladas de carbón no se emitieron de las centrales eléctricas por efecto de la sombra arbórea. Los ahorros de energía ascienden a 11,122 megavatios, que son equivalentes a un ahorro de \$1,271,000. La cobertura arbórea de Orlando se estima que captura aproximadamente 5% de la precipitación anual.

El estudio original realizado en colaboración con el Servicio Forestal del USDA encontró que los beneficios del arbolado aumentan cuando se toma en consideración el tamaño del árbol así como su ubicación: De \$1 (por sitio público) a \$10 (privado) para un árbol pequeño, hasta \$96 (público) a \$123 (privado) para un árbol grande. Los costos de gerencia y de mantenimiento fueron determinados alrededor de \$20-31 por árbol. Los detalles del estudio se pueden encontrar en: <http://www.treesearch.fs.fed.us/pubs/36656>.

Estos estudios demuestran que los bosques urbanos de Orlando proporcionan una gran cantidad de ventajas. Los lugares donde esta información fue recogida serán monitoreados y estudiados continuamente para entender mejor las características de los bosques urbanos y las

ventajas que ellos proporcionan en el largo plazo. También, la ciudad puede usar los resultados obtenidos como base para créditos de carbón en el futuro o para evaluar el efecto de los huracanes o urbanización a los bosques urbanos.

De mayor importancia es que estos estudios, aparte de las detalladas investigaciones que se están llevando a cabo, proporcionan importante información sobre las ventajas del bosque urbano. Los datos sobre los árboles de calles están demostrando ser imprescindibles en el manejo de la cantidad de trabajo que una ciudad puede emprender. La información y los datos obtenidos se pueden utilizar y aplicar fácilmente con i-Tree (<http://www.itreetools.org/>) y planillas de cálculo. También, usando los costos del contratista, la ciudad puede anticipar exactamente cuánto costará el trabajo de mantenimiento del arbolado y determinar si es más económico subcontractarlo o hacerlo con el personal de la ciudad. Los sitios de trabajo se pueden también localizar, identificar e igualar con la cantidad de árboles que un contratista ha hecho; esto también se puede utilizar para fiscalizar el trabajo correctamente. Los datos pueden ser actualizados según el mantenimiento

actual y seguimiento que se lleva a cabo. Así también ya que los datos y los resultados del inventario están basados en estudios específicos a Orlando, pueden ser fácilmente aceptados como válidos.



Como ejemplo de cómo esta información se puede utilizar para promover y beneficiar el

bosque urbano, podemos tomar el siguiente ejemplo. El año pasado fue la culminación de 4 años de preparaciones para recortes del presupuesto en Orlando. La ciudad entera realizó recortes presupuestarios así como despidos; incluso los departamentos de policía y bomberos sufrieron. Sin embargo, el departamento de arbolado urbano fue la excepción. Doblaron su presupuesto y personal debido a las presentaciones realizadas al alcalde y a los comisionados acerca del valor que los árboles proporcionan a la ciudad. Cuando oyeron que por cada \$1 gastados en árboles la ciudad consigue \$1.87 en beneficios; tomaron la decisión de aumentar el presupuesto del Departamento de arbolado urbano. ❖

TREE Fund Update



The 2011 STIHL Tour des Trees “VA2DC Tour” will feature an autumn tour of Virginia, opening with a 1-day Ride for Research in Virginia Beach October 2nd. This 30-mile fun ride offers local and recreational cyclists an opportunity to join the STIHL Tour des Trees for the day, with no fundraising requirement. Full-Tour cyclists will experience the history and beauty of Virginia on an itinerary that also includes Williamsburg, Richmond, Charlottesville, Front Royal, Reston and Washington, D.C.

Highlights of the VA2DC Tour include a private tour of STIHL’s chain-saw production facility, a day in historic Williamsburg/Jamestown including dinner with the members of the Mid-Atlantic Chapter of ISA, a visit to Monticello, tree plantings, school visits and 65 miles of spectacular scenery along the Shenandoah Valley’s world-famous Skyline Drive. The 2011 Tour concludes October 8 in Washington, D.C. at American University, following visits to the National Arboretum, Casey Trees and the National Mall.



[Register to ride](http://www.stihltourdestrees.org) for the 2011 VA2DC Tour or the Ride for Research at www.stihltourdestrees.org.

Can’t ride? Please [support our cyclists/fundraisers](#) with a generous donation! ❖



TREE Fund Grant and Scholarship Awards Announced

The Research Committee of the TREE Fund Board of Trustees recently awarded **Hyland R. Johns Research Grants** of \$25,000 each to Dr. Brian Kane, Associate Professor of Arboriculture and Community Forestry at the University of Massachusetts, and Dr. Bryant Scharenbroch, Urban Soil Scientist for The Morton Arboretum.



Dr. Kane’s research project seeks to provide robust empiric data to describe the effects of cabling trees as well as to support guidelines for installation and best practices. The proposed study will investigate a) tree growth in response to the installation of cables (steel and fiber), b) wind-induced dynamic motion of cabled trees, and c) discoloration and decay associated with drilling trees to install anchors for cables. In the autumn of 2006, steel cables and COBRA

systems were installed in large red oaks with co-dominant stems. In the autumn of 2011, the cabled trees will be compared against uncabled oaks with co-dominants. Prior to their removal in 2011/2012 the trees will be measured for wind-induced dynamic motion, providing an additional data set to compare the effect of both support systems against the control trees.

Dr. Scharenbroch’s research focuses on Biochar, a waste product of the burning of biomass and a superior organic amendment for urban soil restoration. The Morton Arboretum Soil Science (MASS) laboratory and Bartlett Tree Research Laboratories have designed three experiments to take a comprehensive look at biochar for urban tree care. These projects will compare biochar to other nutrient amendments (fertilizer, compost, mulch, compost tea) in a greenhouse setting with tree seedlings, a nursery setting with five year old trees, and an urban landscape setting with street trees ten to twenty years old. Improvements in soil quality will

[TREE Fund Grant Awards continued on page 13](#)

Consultant's Corner

by Joe Samnik, Consulting Arborist



THE MATTER OF DUTY

Negligence is determined in large part by duty. Duty is comprised of four components.

1. A professional duty, such as inspection of street trees for defects
2. A breach of that duty
3. A causation, due to the breach of the duty
4. A bad result, such as a tree falling on a person or property

In the matter of the *City of AnyTown versus Foster et al.* an oak tree was growing in the city of AnyTown, which blew down in a strong wind and demolished a car owned by the appellee husband, and injured his wife who was driving it. The trial verdict was for the plaintiffs, and the defendant appealed.

The city had a duty, in which it was negligent, when it permitted a tree to become insecure at its roots, a condition that was known, or in the exercise of reasonable care, should have been known, to the city, and that as a direct result of this negligence the plaintiffs were damaged.

The question boiled down to whether there was sufficient evidence that the city was put upon notice of the unsafe condition of the tree. The city claimed that the appearance of the tree was healthy, and that its defective part was not learned until the roots were exposed when the tree fell. The husband and wife claimed that evidence of decay was plainly visible prior to the tree's failure.

There was testimony during the trial that a white fungus was visible on the tree at the earth line and that this condition indicated decay of the root structure and the inevitable weakening of the tree, which caused its failure. There was also testimony that there was a decay area at the bottom of the trunk, which was visible prior to the tree's failure. The appeals court felt that there was enough before-situation evidence to lead a reasonable

person to the conclusion that the tree was a hazard prior to its failure.

While a city is not an insurer of the motorist or the pedestrian who travels its streets and sidewalks it is reasonable to conclude that defects could have been discovered by the exercise of reasonable care, and mitigated.

The lower court's decision was upheld. ❖

Silent Auction Items Needed!

The Florida Chapter and the TREE Fund welcome any item to place in the annual silent auction held during the Trees Florida conference. As you know, all monies collected from the purchases of the silent auction



items go to the TREE Fund for the research and educational programs that it supports. In the past, items have included artwork, photographs and handcrafted items, small climbing equipment and entertainment tickets, as well as fine dining certificates and fishing trips. Put on your thinking caps and come up with an item to donate.

You can contact Kim Pearson (Trees Florida Silent Auction coordinator) about your auction item at Kimberly.Pearson@copbfl.com. ❖

EXHIBITOR AND SPONSOR OPPORTUNITIES ARE AVAILABLE AT MOST FLORIDA CHAPTER ISA CLASSES!

EXHIBITORS

- One 6 or 8 foot table provided, at the back of the meeting room or adjacent hall or lobby, depending on each individual facility
- Includes class registration for 2 representatives
- Verbal introduction from the podium by the seminar moderator
- Focus your marketing directly to Florida arborists!

MEAL SPONSORS

- Verbal 'thank you' from the podium by the seminar moderator

Contact Florida ISA for full information: floridaisa@comcast.net



Florida Chapter Tree Climbing Championship... Results Are In!

Perfect weather, a great venue, a full slate of climbers, and an enthusiastic audience... who could ask for anything more for a great climbing event?

Twenty seven male competitors and one female competitor participated in the annual Florida Chapter Tree Climbing Championship held on a sunny March 19th at Losco Regional Park in Jacksonville. Besides the climbers themselves, there were many volunteers and judges as well as families and casual observers who watched and cheered on their favorite competitor.

The competition is meant to simulate working conditions of arborists in the field and showcases the highest level of professional skills and safety as well as providing a competitive learning environment for those working in the industry. Competitive tree climbing also introduces the public to the skills professional tree climbing arborists must use for safe, professional tree work. All competitors participated in the five different climbing events during preliminary rounds; high scoring climbers then competed in the Masters Challenge to determine the final winner who would represent the Florida Chapter at the International Championship in Australia.



Congratulations to Jeremy Dunivan who won the Masters Challenge; Jeremy is not eligible to represent the Florida Chapter because he is not a Florida resident. Eli Villigran, second place in the Masters Challenge, will be travelling to Australia in July for the International TCC as our Florida climber. Best of luck to you, Eli.

FC-TCC Chair Adam Jackson would like to congratulate all the participants and to thank the many dedicated volunteers who made the event run very smoothly. A special thank you to all the FC-TCC sponsors who donated money and/or prize items for the climbers. Adam is looking forward to another great event next spring; preliminary plans are to hold the 2012 championship in the Dunedin area along the Gulf coast. We hope to see you there! ❖

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2011 WINNERS

Aerial Rescue

- 1st place, Tim Walters
- 2nd place, Ron Price
- 3rd place, Philippe Rudisill

Work Climb

- 1st place, Dominic Pallotti
- 2nd place, Isaac Lnenicka;
- 3rd place, Tim Walters

Belayed Speed Climb

- 1st place, Eli Villagran
- 2nd place, Omar Gonzalez
- 3rd place, Doug LaFortune

Women's Winner

- 1st place, Jennifer Gross

Secured Footlock

- 1st place, Doug LaFortune
- 2nd place, Jeremy Dunivan
- 3rd place, Eli Vilagran

Throwline

- 1st place, Ron Orice;
- 2nd place, Eli Villagran
- 3rd place, Omar Gonzalez

Masters Challenge

- 1st place, Jeremy Dunivan
- 2nd place, Eli Villagran
- 3rd place, Dominic Pallotii
- 4th place, Ron Price

Thank You to Our Sponsors!



The Florida Chapter ISA, the Tree Climbing Championship committee and the climbers appreciate all the contributions from our sponsors who supported this year's event. Our arborist-climbers here in Florida are an energetic group and take much pride in their profession and the competition.

Thank you!

- | | |
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TREE Fund Grant awards continued from page 10

be quantified, tree health will be assessed and appropriate application rates will be identified

Scholarship winners: The Research Committee also approved awards of **Robert Felix Memorial Scholarships** of \$3,000 each to:

- David Golon of Locust Valley, NY, studying Arboriculture and Community Forest Management at the Stockbridge School of Agriculture of the University of Massachusetts
- Daniel Gjerston of Waconia, MN, studying Horticulture at the University of Wisconsin-Madison
- Matthew Bauer of Schaumburg, IL, studying Forestry Management at the University of Wisconsin-Stevens Point

In addition, a \$2,000 **John Wright Memorial Scholarship** was awarded to Barbara Koerble of Fort Worth, TX, studying Horticulture at Tarrant County College, TX. (Note: this is not the same scholarship as the Florida Chapter John.

(NOTE: this is not the same scholarship as the Florida Chapter John P. White Memorial Scholarship - [click here](#) for the Florida Chapter scholarship information - due date for Fall 2011 semester is June 15, 2011) ❖

To advertise in the Florida Arborist contact the Florida Chapter office at 941-342-0153.

Our electronic version of the Florida Arborist allows for an active link directly to your website!!

Single Issue advertising rates are as follows:

- Full Page - \$250/issue
- Half Page - \$200/issue
- Quarter Page - \$150/issue
- Business Card - \$75/issue
- Classified Ad - \$25/issue

Discounts for a commitment of 4 consecutive issues:

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- Half Page - \$150/issue
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Kids (and Their Parents!) Get in the Act

David Reilly
Florida ISA Board - Past President

I recently had the pleasure of taking my two grandchildren to an open tree climb sponsored by the Pathfinder Outdoor Education, Inc., 1310 22nd Ave S., St. Petersburg. They put on an open climb in the St. Pete area on the first Saturday of every month (excluding July thru September). If you have a chance to stop by to check it out, I recommend giving it a try. The climb goes from 10 a.m. until 1 p.m. on any scheduled Saturday; the cost is \$10.00 per climber.



The event is geared for children from ages six and up but many parents and even a few grandparents gave it a try! They usually sets up a dozen or so ropes in the tree, some more challenging than others. The Pathfinder staff is terrific and really give the youngsters lots of encouragement and make the whole experience a lot of fun.

No matter what profession these kids might go into as adults they will always have a connection to trees. ❖



Hidden Elms continued from page 7

Whittemore and Olsen on the trail of the diploid.

“Jefferson is a triploid. To get a triploid elm, we thought there had to be a diploid parent out there somewhere in the wild that had crossed with a tetraploid,” said Whittemore.

To settle the question, the two scientists tested elm trees from across the species’ eastern and central U.S. range. About 21 percent of the wild elms sampled were diploid; some grew in stands with tetraploids, while others were larger groupings of diploids.

The small amount of genetic data now available suggests that at least some tetraploid and diploid elm populations have diverged significantly from one another, which strengthens the possibility of the diploid trees having genes for disease resistance that the tetraploids don’t have, Whittemore said.

“We can’t say yet whether this is a distinct race of *U. americana* or if we are really talking about a separate species,” he said. “That’s a job we will tackle this summer.” ❖

Trees and Hurricanes

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FLORIDA CHAPTER

August 2011
Miami & Orlando

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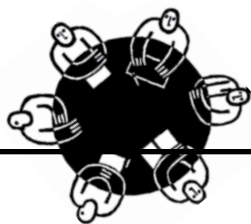
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- ❖ Expert Witness Testimony





Florida Chapter Board Updates

BOARD SHORTS:



The Florida Chapter ISA Celebrates 15 Years!

Join with us during 2011 in celebrating a big milestone for the Florida Chapter - our 15th anniversary!

Originally Florida was part of the Southern Chapter but moved to form a separate chapter back in 1996 in order to serve Florida arborists right here on their 'home turf'. Take a moment to reflect on where we started as a chapter and where we have come during the last 15 years! We have accomplished much in offering educational opportunities to arborists and in developing such projects as the Trees Are Cool specialty license plate and Hurricane Public Service Announcements (with partner Florida Urban Forestry Council). With the future ahead of us, the Florida Chapter will maintain its commitment to provide quality services to our Florida arborists. ❖

Board Grower Representative - Rick Joyce

At the board meeting held on March 16, 2011, President Don Winsett welcomed Rick Joyce to the board as the Grower Rep for the remainder of this year. Rick replaces Mike Marshall who stepped down as the Grower Rep when he was elected to a position on the International board. You will recognize Rick as an active member of the board, most recently as past Florida Chapter president just a few years ago. Welcome back, Rick, and thank you for your continued interest and dedication to the Florida Chapter ISA! ❖

BOARD MEETING SCHEDULE for 2011:

- June 11 - Jacksonville
- September 22 - Ft. Lauderdale
- November 18 - Orlando

With Florida's unique environment, extra attention must be paid to preserving our natural resources, especially our trees. By purchasing a TreesAreCool license plate you help underwrite programs that directly benefit trees of Florida which help keep our state the uniquely beautiful place we all call home.

Healthy trees benefit wildlife, increase property values and help cool and clean the air. The Florida Chapter of the International Society of Arboriculture, a non-profit organization, is committed to serving the needs of Florida's professional arborists and tree-care consumers. The TreesAreCool license plate revenues benefit our urban environment of Florida through tree research, the on-going education of tree-care practitioners, and by providing public education programs about tree care and preservation.



You do not need to wait for your current plate to expire. Do your part and order your TreesAreCool plate today!



How to Order Your TreesAreCool Specialty Plate

In person: You can select and pay for your TreesAreCool specialty license plate in person at your county tax collector office.

By mail: Complete and return this form with your vehicle registration renewal notice and a check for an additional \$58 (\$25 annual donation, \$5 annual state fee and a one-time new plate fee of \$28). If your renewal notice indicates that it is time to replace your license plate, do not include the \$28 new plate fee.

Name: _____
 Address: _____
 City: _____ Zip Code: _____

The TreesAreCool program is administered by the Florida Chapter of the International Society of Arboriculture (ISA).

Urban Trees continued from page 6

Project Design department. That department utilizes the lumber to construct furniture and other products for use on campus.

“It really works out well,” Pony Boy comments. “When I mill the logs right in front of the students walking by they get a lesson about the tangible value of the resource and get a chance to personally witness a viable, cost effective way to use material that otherwise would be used as firewood or end up in a landfill.”

In Reno, Nevada, Darin Bue, the owner of Los Verdes Arborists says he considers his Wood-Mizer portable band sawmill to be an important part of his firm’s future operations. “The idea of using the material we deal with as a resource has always appealed to me,” he comments.

Cities and other jurisdictions are often interested in working with arborist firms on utilizing portable mills for environmental reasons.



For example the City of Reno, Darin says, has participated in several experimental salvage operations with Los Verdes regarding how best to turn the Cottonwood, Walnut, Elm, Maple and Sycamore logs removed in the course of the city’s care of the urban forest into lumber.

The Los Verdes mill was also used on-site at a Sierra Nevada College in Incline Village to turn trees removed during construction into lumber used to build on the very site they’d been removed from. The buildings were later awarded platinum status by the U.S. Green Building Council, a status that has been given to only a few dozen buildings in the country.

In 2011, arborists are at the forefront of an environmental revolution as the importance of the urban forest, especially in terms of carbon removal and sequestration comes to be recognized. The portable band sawmill has become an invaluable tool, allowing arborist firms to participate profitably in that revolution through the production of high value end products from a resource once considered to be waste. ❖



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| Cannon Trees, Inc.
Brooksville/352-279-9709 | SMR Farms
Bradenton/941-708-3322 |
| Fish Branch Tree Farm
Zolfo Springs/863-735-2242 | Snapper Creek Nursery
Ft Pierce/772-216-9993 |
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RPG Growers are committed to enhancing the image and quality of field-grown trees through the hardening-off process. Research continues to show that hardened-off field-grown trees are more wind resistant than container-grown trees, use water more efficiently at planting, establish faster after planting, and when planted with container trees in a situation of limited water or irrigation will have dramatically higher survival rates.

To Subscribe to the RPG Times Newsletter or to request copies of the Tree Grading, Planting or Pruning Cue Cards contact an RPG member or visit www.rootsplusgrowers.org

News From International

Certification Board Revises The ISA Certified Arborist Code Of Ethics

The ISA Certified Arborist Code of Ethics was intended to improve professional practice, and provide a measure of protection for consumers of arboricultural services.

While most credential holders agreed in theory that implementation of ethical standards was necessary, we did hear significant feedback about certain parts of the agreement. Because all ISA Certified Arborists are required to sign the agreement to receive or maintain their ISA credential, it is important that this document reflect the value and the best practices of a quality certification program and the professional arborist. ISA Certified Arborists believe that this agreement does and will advance the profession of arboriculture.

ISA is not letting this feedback go unheard and we have made changes to the requirement for disclosure. We have now limited the scope of this disclosure requirement, asking all ISA Certified Arborists to only report those activities which are related to the professional practice of arboriculture. All ISA Certified Arborists will be asked to acknowledge the changes by signing the updated agreement when they come up for recertification. Please view the revised [ISA Code of Ethics and Certification/Release Authorization](#)

The ISA Certification Board believes that the Code of Ethics and Ethics Agreement create a level of accountability within the profession. Our goal is to ensure that homeowners and consumers have a positive experience because of the high quality of service they receive from an ISA Certified Arborist, which increases the likelihood that they will support the ISA Certification Program over the long-term ❖



i-Tree Software Update

Do you use i-Tree or i-Tree Streets? A new software update, i-Tree v4.0, is now available. This version offers new tools and features including i-Tree Design, i-Tree Canopy, i-Tree Hydro, i-Tree Vue, and i-Tree Eco. [Click here](#) to learn more about the new components of

i-Tree.

Current i-Tree users working with i-Tree version 3.x can select the **Check for Updates** option available from the **Help** menu of any application to install the version 4.0 upgrade package. If you are working with an existing project, the individual application will walk you through necessary steps to update your data as needed.

New users wishing to install i-Tree v4.0 for the first time will need to **Register** at www.itreetools.org and then **Request and Install** the Software. The new online analysis tools (Design & Canopy) do not require registration or software installation. ❖

Voluntary Suspension of Credentials

The ISA Certification Board has established a Voluntary Suspension of Credentials (VSC) policy to allow ISA certified professionals who are experiencing extenuating circumstances, to prevent their certification from expiring. The Certification Board realizes that many ISA certified professionals serve in the military, Peace Corp, and/or have general hardships that arise that would allow them to benefit from such a suspension.

This suspension would allow a credential holder who expects to be inactive in their practice of arboriculture, to place their certification on hold for a period of 6 months to 2 years. The individual should not be practicing arboriculture or advertising themselves as ISA Certified during this time.

Possible reasons a person would request a VSC would include:

- Being called to active military duty (including Guard duty)
- Serving in a mission or activity that benefits the society as a whole
- Having an extended illness or health complications
- Having other personal extenuating circumstance

It should be noted that having insufficient hours of continuing education units will not be accepted as a rationale for requesting a VSC. To learn more about the VSC policy, please contact us at cert@isa-arbor.com or call us at 217.355.9411. ❖

**Florida Chapter ISA
Edward W Bok Award Application**



The Florida Chapter ISA is currently accepting nominations for the 2011 Edward W. Bok Award.

The Bok Award is given in recognition of career-long distinguished service and dedication to the advancement of Arboriculture.

Entry Guidelines

- Enter yourself or a colleague.
- Each application must be typed and presented in a standard three-ring binder (no large than 1/2 inch capacity). The completed awards entry form must be the first page o the application. Following the entry form should be a summary of not more than three typewritten pages that describe the individual’s contribution to arboriculture or urban and community forestry.
- Support documentation such as photographs, press clippings, printed pieces, and letters of commendation are encouraged, but shall be limited to 12 additional pages. All supporting documents must be attached or secured inside the application.



Name of individual _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

E-mail _____

Nominated by (if different) _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

E-mail _____

Number of duplicate certificates if needed _____

Send all entries to: Florida Chapter ISA - 7853 S Leewynn Court - Sarasota, FL 34240
 DEADLINE May ~~X~~5, 2011 June 3, 2011

All submitted materials become property of the Florida Chapter ISA.

2011 Florida Chapter ISA Workday

by Mike Robinson, Workday Chair

with contributions by Lee Mackin, Central Florida Coordinator

The Florida Chapter held its Annual Chapter Workday on February 12, 2011, with good and bad news. First let's look at the good news. The site chosen for central Florida, Nehrling Gardens in the town of Gotha just outside of Orlando, had a great group of FC-ISA folks brave the cold temperatures in the thirties and provide some excellent tree services. The south Florida Workday site was Mounts Botanical Garden in West Palm Beach; unfortunately this event was postponed due to inclement weather.

Nehrling Gardens, is on a 6 acre site, featuring the 127 year old home of Dr. Nehrling, which was rescued from development in 2009. The remaining six acres are part of the original 65 acre estate used by Dr. Nehrling to plant and study native and exotic trees, palms, bamboos and numerous other flowering shrubs and plants. For the past 20 years the property had been severely neglected and was in need of much attention. Nehrling Gardens Board members and a few Nehrling volunteers



joined with employees from six area tree services for the Central Florida Workday. Over thirty volunteers provided over 200 man-hours of arboricultural service on the site, braving temperatures in the upper thirties to contribute to the long process of returning the property to its original glory. The work they did consisted of hazard pruning on 30 trees, 25 tree removals, 12 stumps ground out, vines removed from 15 trees, bamboo removed and the chipping of over 88 yards of material. Thanks also to Vermeer Southeast Sales for donating the use of a skid-steer loader to help move the large amount of debris on site.

[Workday continued on page 23](#)





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Workday continued from page 21

Theresa Myers, President of the Henry Nehrling Society Inc., was quoted as saying:

“We are so appreciative of the work that has been done. We really didn’t expect to see so much accomplished in such a short time and all involved were so professional.”

The perceptions and comments like the one above move our industry towards the professional recognition it deserves. Companies and employees who participate in the Workday help to set the standards higher and make our industry more visible for the great work we do.

A special thank you is in order for everyone who worked at or showed up at the central Florida and south Florida Workdays. The participation of so many hardworking and dedicated arborists speaks to the high standards in our industry here in Florida. Pat yourselves on the back, guys and gals. . .you deserve it.

Workday continued on page 24

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Bob Turner, Jr. at 1-856-694-4100

Workday continued from page 23

Now the bad news. I'm sad to say we did not have any location in place for the North Florida Workday. This brings me to a plea for all of you reading this newsletter to get out there and present information about our Workday to the places we see every day. Our Florida Chapter offers a day of work to ANY school, non-profit center, needy locations, etc. free of charge. If selected as the site of a Workday, the only thing they have to do is provide lunch for the workers, water and press releases. How many of the places like homeless shel-



ters, Children Aid Society's, Boy or Girl Scout camps do you speak to or send our children to in a year? How many special botanical gardens do you visit? What are the places you feel passionate about, are involved with, or assist through your charitable giving?

It is a shame that with all the folks that I know we

contact and see on a day-to-day basis that we have to struggle to find locations for us to work at each year. We always have a lot of volunteers from the Chapter that show up to work but are we have had very few non-profit organizations submit applications for a Workday. Every year we organized an event in each of our three regions: north, central, and south Florida. Two years ago, we held a Workday in each of these regions but in 2011, we only had two organizations submit an application. In this down economy we should be receiving lots of applications. The agencies and organizations whom we could serve have lots of better uses for their hard found dollars when we can supply much needed assistance by doing the tree work for them at virtually no cost. Everyone who has participated in one of the workdays walk away tired but with a great feeling inside knowing their efforts went a **LONG** way in helping out. The Chapter Workdays are truly those times when you get much more than you give. Seeing the smiles and hearing the appreciative words from the groups we help makes it all worthwhile.

The deadline for submitting an application is August 15 each year; the applications are available on the Chapter website. I challenge all of you reading this, to contact a needy group you are associated with and inform them of our service and encourage them to fill out and send in an application. I would love to see the day we have to turn folks away. ❖

THANK YOU TO:

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Green Burst Tree & Landscape
Professional Tree Service
Vermeer Southeast Sales
Zimmerman Tree Service

2011 Certification Exam Schedule

The FLORIDA CHAPTER of ISA is pleased to announce our
2011 schedule of Certification exams. See the chart below for the site nearest you.

Date	Exam/ Class	Location	Time	Proctor or Instructors	Last Date to Register	Cost Member/ Nonmem
June 12 2011	Certified Arborist Exam	Wyndham JAX 1515 Prudential Dr Jacksonville, FL	7:30 AM to Noon	Norm Easey Richard Cervi Larry Figart	Minimum 12 business days prior	\$150/ \$250
December 3 2011	Certified Arborist Exam	Hillsborough County IFAS Extension 5339 CR 579 Seffner, FL 33584	7:30 AM to Noon	Rob Northrop, Rich- ard Bailey	Minimum 12 business days prior	\$150/ \$250

This schedule is subject to change as additional tests and review sessions may be added. Visit www.floridaisa.org for updates.

For an application form to register for an Exam call the ISA Office in Champaign, IL at 888-472-8733

To purchase an ISA Certification Study Guide, call the Florida Chapter ISA at 941-342-0153 or fax an order form to 941-342-0463.

The ISA Illinois must receive your application & exam fees A MINIMUM OF TWELVE BUSINESS DAYS prior to the exam date. NO EXCEPTIONS! (ISA Illinois is closed New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day). First-time applicants can apply online at www.isa-arbor.com.

PREPAYMENT IS REQUIRED VISA/MC/AMEX accepted. US FUNDS ONLY



Florida Chapter ISA - 2011 Education Schedule

*The schedule below is tentative and subject to changes.

Date	Seminar/Class	Location (s)	Open for Registration
June 2, 2011	Arborist Safety	Orlando	Click Here to Register
June 12-13-14	TREES FLORIDA	Jacksonville	Click Here to Register
August 2011	Trees and Hurricanes	Miami	
August 2011	Trees and Hurricanes	Orlando	
September 16, 2011	Arborist Safety	Tampa	Click Here to Register
October, 2011	Arborist Safety	Ft. Lauderdale	Click Here to Register

Welcome!

New Florida Chapter Members

Here are the individuals that joined the Florida Chapter during the of the first quarter of 2011. If you see a name from your area of the state, look up their phone number online* and give them a call. Introduce yourself and find out what aspect of arboriculture the new member is involved in. Let's make the Florida Chapter friendlier. We're all working in different ways for the same goals.

First Name	Last Name	City	State	First Name	Last Name	City	State
David	Bohnsack	PORT ORANGE	FL	James	Halios	PLANTATION	FL
Ellen	Crandall	CLEARWATER	FL	Corey	Conner	GAINESVILLE	FL
Mario	Esposito	DAVIE	FL	Rudy	Kirchner	FORT PIERCE	FL
Zachariah	Hodges	GREENACRES	FL	Ryan	Gray	NAPLES	FL
Tanya	LaMadeleine	DAVIE	FL	Scott	Stinson	SUN CITY CENTER	FL
Jordan	Upcavage	GAINESVILLE	FL	Erin	Jenkins	HOBE SOUND	FL
Kenneth	Hall	KEYSTONE HEIGHTS	FL	Cheryl	Zegelbone	HOLLYWOOD	FL
Pete	Spiridis	TRINITY	FL	Stephen	Novatne	POMPANO BEACH	FL
Barbara	Smith	HOLLYWOOD	FL	Ivan	Vila	TAMPA	FL
Thomas	Hall	TAMPA	FL	Jermaine	Bennett	NORTH PORT	FL
Philip	Marks	SANIBEL	FL	Leslie	Michalek	MADEIRA BEACH	FL
Alfred	Pittman	JACKSONVILLE	FL	Monty	Clark	SARASOTA	FL
Theodore	Cresswell	RUSKIN	FL	Tonoah	Hart	DADE CITY	FL
Nicholas	Nelson	DAVIE	FL	Heather	Holley	DORAL	FL
Susan	Ford	BOCA RATON	FL	Robert	Newell	WEIRSDALE	FL
Mark	Stumpo Jr.	PLANTATION	FL	Paola	West	POMPANO BEACH	FL
Jack	Leake	ST AUGUSTINE	FL				
Phillip	O'Connor	ST PETERSBURG	FL				
Edward	Thompson	MIAMI	FL				
Patrick	Hannah	PLANTATION	FL				
Katherine	Hernandez	HOLLYWOOD	FL				
Frank	Tursi	LAKE WORTH	FL				
Robert	Brosseau	FT LAUDERDALE	FL				
Ian	Gaz	LADY LAKE	FL				

*Go to <http://www.isa-arbor.com>, then go to "Members Only" and log in. Then go to ISA membership directory. If you do not know your log in for members only, contact ISA headquarters at (888) 472-8733. Once you log in, you can update your address, check your CEU's, edit or verify Certified Arborist information and search the membership list.

Letters to the Editor

We welcome your thoughts about Florida Arborist articles, about your Florida Chapter, or about tree issues in general.

Email your letters to:
floridaisa@comcast.net

or mail to:
Florida Chapter - ISA
7853 S. Leewynn Court
Sarasota, FL 34240

Please remember:



An invitation to all members
to attend a
Board of Directors Meeting!
Call 941-342-0153
for specific times and locations

Up-coming 2011 Board Meeting - Dates & Locations

June 11, 2011 - Wyndam Jax - Jacksonville
September 22, 2011 - TBD - Ft. Lauderdale

Arborist Certification Committee Report

By Norm Easey, Florida Certification Liaison

There are two Florida ISA exams scheduled, the cities include: Jacksonville and Seffner. [Click here for the specific dates](#). The ISA Certified Arborist exam is also now available at Pearson Testing Centers throughout Florida. See the ISA International web site www.isa-arbor.com for more information about the various ISA arborist credentials and how to earn them.

Arborist Certification is still moving ahead worldwide; there are now 25,088 ISA Certified Arborists, 929 ISA Certified Tree Workers, 1,586 Utility Specialists, 444 Municipal Specialists and 350 Board Certified Master Arborists. The Florida Chapter currently has 1737 Certified Arborists.

The Florida Chapter would like to congratulate the following 27 Florida individuals for earning their Arborist Certification, Climber Specialist, or Municipal Arborist Certification during the first quarter of 2011:

Certified Arborist

Kenneth Allen, Davie, FL
 Charles Atkins, Miami, FL
 Stephen Bennett, Ft. Walton Beach, FL
 Harold Curington, Florahome, FL
 David DeLoach, Miami, FL
 Matthew Emerson, Deltona, FL
 Mario Esposito, Davie, FL
 Susan Ford, Boca Raton, FL
 Shawn Gulbrandsen, Braden River, FL
 Patrick Hannah, Plantation, FL
 Robert Hubbard, Kissimmee, FL
 David Johnson, Bonita Springs, FL
 Aaron Kunstmann, Palm Beach Gardens, FL
 Tanya LaMadeleine, Davie, FL
 Leigh Livesay, Medley, FL
 Betsy Perretta, St. Augustine, FL
 Jennifer Ramos, Orlando, FL
 Matthew Shinn, Oldsmar, FL
 Craig Smith, Ft. Myers, FL
 Troy Townsend, Palm Coast, FL
 Frank Tursi, Lake Worth, FL

Municipal Arborist

Timothy Ebersole, Homestead, FL
 Ronald Lindemann, Ft. Lauderdale, FL

Tree Worker:

Douglas Veltkamp, Tallahassee, FL

Utility Arborist

Scott Dawson, Panama City, FL
 Justin Hobbs, Chiefland, FL
 Dale Lesinski, W. Palm Beach, FL



Are you thinking about becoming certified?

[Visit the International ISA website](#)

to access the certification application handbook with further information.

International Society of Arboriculture Florida Chapter

Our Mission: "To Promote and Improve the
Scientifically Based Practice of Professional Arboriculture"



Arborist Code of Ethics

Strive for continuous self-development by increasing their qualifications and technical proficiency by staying abreast of technological and scientific developments affecting the profession.

Not misuse or omit material facts in promoting technical information, products or services if the effect would be to mislead or misrepresent.

Hold paramount the safety and health of all people, and endeavor to protect property and the environment in the performances of professional responsibilities.

Accurately and fairly represent their capabilities, qualifications and experience and those of their employees and/or agents.

Subscribe to fair and honest business practices in dealing with clients, suppliers, employees and other professionals.

Support the improvement of professional services and products through encouraging research and development.

Observe the standards and promote adherence to the ethics embodied in this code.



Florida Arborist
Florida Chapter ISA
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Sarasota, FL 34240