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Are you 'At the End of Your Rope'?

by Thor Clausen

Instructor, Arboriculture Canada Training & Education Ltd.

Owner, Arbortech Tree Services

Have you ever used a simple tool everyday without ever thinking about how much thought and energy go into its construction?

Recently through Arboriculture Canada I had the opportunity to visit the Samson Rope factory to learn about the complexities involved in the manufacturing of rope for our industry. As a team we were involved in marketing ideas to pair rope with hitches and hitch materials and participated in discussions on enhancing performance on rigging lines along with many other things. We were lead through the process of rope development by Samson's extraordinary team of engineers and shown the steps taken from a request for a rope to perform in a certain fashion to determining the chemical composition of the rope, construction of the rope and finally the testing.

Samson's engineers discussed with us how they receive requests for specific rope requirements such as "we need a hitch material that is heat resistant, strong, and abrasion resistant and maintains strength and is easy to splice". Then they go through the process of development to create things like "ice" or "bail out"

"I hope you take away three things:

- 1. Know your cordage and its properties.***
 - 2. Inspect your cordage after every use and understand the type of degradation that can occur.***
 - 3. Keep up with industry changes."***
-

The most interesting aspect of our trip to me was being allowed to bring ropes and hitches that we have utilized in our own businesses and have them tested. Not only tested, but analyzed by Samson's incredible team of technicians. As some of you know most of the trainers for Arboriculture Canada also own and run their own tree care services and I am no exception. As a business owner we are firstly responsible for the safety and safe work environment of our employees and secondly for our employees and our financial well being. Both of the above statements are what prompted me to test some slings, ropes and hitches. Ropes can be a major expenditure in our businesses but somehow are not often incorporated in our job costing for replacements. We all believe we know from reading literature and experience when

Rope continued on page 14

A Message From the President



I am happy to be writing this message as it is an exciting

time for the Florida Chapter ISA. Our efforts to make the "Trees Are Cool" license plate a reality have been wonderfully successful; our new license plate is now available at local tag offices throughout the state! This is a huge opportunity to heighten the awareness of how vitally important trees are to our quality of life and the environment. As arborists we spend a great deal of our time expressing this importance as well as educating our clients, neighbors and communities to "do the right thing" for their trees.

This is also the purpose of our Board of Directors and Chapter committees - to "do the right thing" for our membership. By listening to our membership we know that we need to continue with diverse educational programs, we need to support our membership through public service announcements and we need to increase research through the efforts of our distinguished colleagues at the University level. We need to see our important tree care professionals compete at more than one event per year by supporting the tireless efforts of the "Unofficial Official" group of talented men and women climbers who make this happen.

As members, we are the foundation of our Chapter and we need "to do the

right thing" by getting involved. We need to buy a license plate, attend an educational program, and stand in the crowd and cheer on a fellow climber. I extend an invitation to each and every one of you to get involved this year! Let's work together to "do the right thing".

I am proud to welcome the newly elected members to our Board; Treasurer Tammy Kovar of Biological Tree Services and Municipal Representative Lee Mackin with the City of Winter Park. Newly elected, but familiar faces are David Reilly elected as Vice President and Bill Slaymaker re-elected as

Utility Arborist Representative. I also extend my gratitude to returning Board members for their dedication and insight in the year to come. We have much to accomplish and I know we will be able to achieve great things this year.

In addition, I would like to welcome and introduce my at-large appointments to the Board; Eric Hoyer of Natural Resource Planning Services, Joanne Lavner with Orange County Government, and Kris Stultz of Stiles Corporation. With these appointments I feel that we add innovative insight to the Florida Chapter ISA Board of Directors.

Thank you, Mary Edwards, President

Florida Chapter ISA 2008 Board of Directors

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- Jan Easey, Admin. Assist.
- Patty Morrison, TF Coordinator

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In the News

Project aims to clone giant redwoods

Scientists are trying to determine what allows the redwood to grow so tall and live so long. Arborists from Bartlett Tree Experts recently climbed almost 300 feet up 3 redwood trees in Marin County, Calif., to collect samples of new growth as



part of an effort to clone some of the oldest and biggest redwood trees. The project will take genetic material from the trees so researchers can study what allows these trees to become the tallest and largest living things on Earth, said David Milarch of the Champion Tree Project. Scientists also will cross-pollinate

some of the clones from different areas of the 500-mile-wide redwood range. Some of the second-generation trees created by the project might be capable of growing bigger and older than their parent trees under the right conditions, Milarch told USA Today. Source: NMPRO.

Anne Frank-linked chestnut put up for auction

A Holland resident posted for sale on eBay a chestnut (*Aesculus hippocastanum*) that he claims came from the tree that Anne Frank gazed upon while hiding from the Nazis. "I had this idea for a few years, then I saw that the tree was in the news and I decided to put the chestnut up for auction," Charles Kuijpers, who lives next door to the garden where the tree stands, told a Dutch newspaper. City officials recently determined that there was a great risk of the trunk breaking from the diseased tree and decided that it should be removed. The winning bid for the chestnut was more than \$10,000. Subsequent eBay auctions were posted for additional chestnuts claimed to be from the Amsterdam tree. Source: NMPRO.

Yet another reason to dislike kudzu

Kudzu — the vine that ate the South — may be pumping significant levels of pollution into the air. Univ. of Virginia researcher Manuel Lerdau and State Univ. of New York scientist Jonathan Hickman believe that kudzu is emitting sizable amounts of ground-level ozone, potentially increasing smog, aggravating respiratory ailments and quickening the pace of global climate change. Kudzu produces 2 key ingredients of ozone. It emits from its leaves a volatile organic compound called isoprene into the air. And its roots convert atmospheric nitrogen into ammonium, some of which can leak into the soil, where it is converted by bacteria into nitric oxide. In the presence of sunlight, isoprene and nitric oxide mix together to make ozone. Source: NMPRO.

Floridians sue over loss of backyard citrus trees

At least 5 class-action lawsuits have been filed by Florida residents upset over the state's aggressive action against backyard citrus trees in an effort to combat canker diseases, Washington Post reported. The tree-cutting effort was started in 1995 and was meant to eliminate citrus canker, a bacterial disease afflicting orange, grapefruit and other citrus trees, from spreading and damaging one of Florida's most important crops. Eventually, the crews had orders to destroy not just infected trees but any others within 1,900 feet of an infection. One of the state's best-known producers of hard-to-find varieties — Harris Citrus Nursery in the Tampa area — is in a race to sell hundreds of its larger trees to homeowners before new regulations take effect at the end of this month. NMPRO



In the News, continued

In the News continued from page 3

Citrus nursery growers join Florida association

Fla. Nursery, Growers & Landscape Assoc. established a new division to address the business interests of the citrus nursery industry. “The recent squeeze of federal and state regulations governing citrus tree nursery production has profoundly impacted our daily business operations,” said John Gose, Fla. Citrus Nurserymen’s Assoc. pres. and the new FNGLA Citrus Nursery Division representative. Dave Self, FNGLA president, said: “Citrus nurseries are a unique segment of Florida’s vast environmental horticulture industry. They have special interests and experiences that will enrich our association’s aggressive role in government affairs and political advocacy.”

Citrus greening quarantine covers Florida

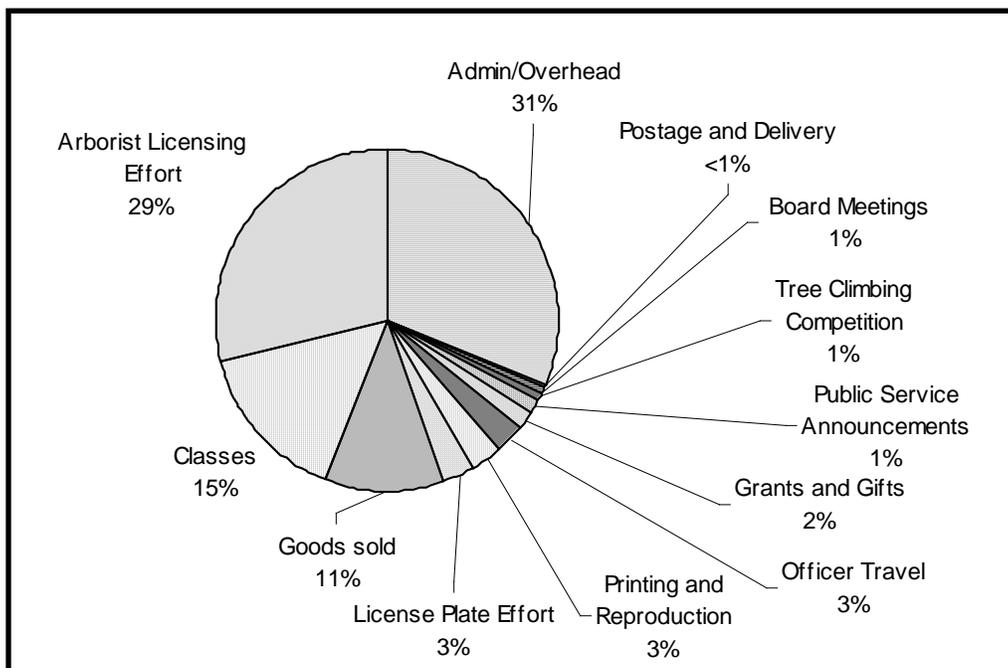
USDA’s APHIS expanded the citrus greening quarantine zone to include the entire state of Florida. This action, which

revises the Nov. 2, 2007, federal order that quarantined 28 counties in Florida, is necessary to prevent the spread of citrus greening, also known as huanglongbing. On Nov. 30, 2007, APHIS confirmed citrus greening in 2 additional Florida counties — Lake and Hernando — bringing the total number of infected counties in the state to 30. Following discussions with the state of Florida, APHIS determined that it is necessary to impose statewide restrictions on the movement of all live host plants and host plant parts from Florida. The interstate movement of citrus fruit is not restricted by the federal order; however, under the federal citrus canker quarantine, fresh citrus from Florida must meet certain requirements and cannot be shipped to any citrus-producing states or territories. ■



2007 Florida Chapter Expenses

How the Chapter’s money was spent during the 2007 Fiscal Year



Featured Florida Chapter Members

by Mike Robinson, President Elect

We are proud of our Florida Chapter members and know many of you enjoy the fellowship with other members. We have composed a short questionnaire that gives some of Florida's veteran arborists a chance to share their insights and experience in the field of arboriculture. Enjoy and learn from others; one day you might just meet one of our featured members in person at a class or conference!

Featured Member - Early Piety

1. What is the name of your company/ where do you work?

Specialty Tree Surgeons, Inc. and Tree Preservation Consultants, primarily based in Jacksonville, Florida but covering the entire state of Florida and south Georgia.

2. How long have you been in the arboricultural business?

Since 1974.

3. What has been your greatest challenge breaking into the industry?

Initial start up costs, becoming established and earning a reputation to generate repeat business.

4. What value do you see in an arborist becoming certified?

Certification gives you the knowledge to go out on a daily basis and use the information that has been researched by ISA and others to provide the best possible tree care.

5. Describe your most satisfying arboricultural project.

The installation of the pedestrian service boardwalk underneath the canopy of the Treaty Oak in Jacksonville, Florida.

6. What advice would you give to an arborist new to the business?

(Have) perseverance and education.

Featured Member - Eugene Bushor

1. What is the name of your company/ where do you work?

Bushor's Tree Surgeons
5525 St Augustine Rd
Jacksonville, Florida 32207

2. How long have you been in the arboriculture industry?

54 years.

3. What has been your greatest challenge breaking into the industry?

The greatest challenge was overcoming the reputation that tree service companies had. I had to emphasize that all tree companies were not alike and to achieve a good clientele list, we had to earn it by being more professional and offering better quality work. ISA has helped the professional individual achieve this goal.

4. What value do you see in an arborist becoming certified?

Having an arborist become certified makes the individual more aware of his or her tree related activities and take more pride in his or her achievements in the tree industry.

5. Describe your most satisfying arboricultural project.

After being in the tree industry for over 50 years it is hard to pick any one project over the other. I would say it is most satisfying to have the client come to you after the work has been completed and say "This looks much better than expected" or words similar to that.

6. What advice would you give to an arborist new to the business?

My advice to anyone starting in this business is to always do what you promise to do, take the extra time to clean up the yard, and leave it better than before you came. And stay informed on anything related to the tree industry. ■



Long-term Aeration Techniques for Trees in the Hardscape

by Wayne Smith, ISA Certified Arborist

Where the Pinellas Trail intersects Main Street in Dunedin, a venerable oak tree stands watch, arching its giant limbs above the trail. Its roots lie buried under asphalt paving and the concrete foundation of a strip mall.

Paving around a tree was once a death sentence. Some trees succumbed swiftly, others lingered, but premature death was inevitable. Paving deprives a tree's roots of this critical exchange of gases at the interface of the soil surface.

The City of Dunedin invested in its landmark tree. It installed long-term aeration devices, which allow air, water and nutrients to reach the tree's roots, submerged beneath the asphalt.



In downtown Clearwater, off South Fort Harrison, a grand oak tree sits in the middle of a parking lot outside the Pinellas County Utilities building. Its live crown ratio remains good – although its roots have been buried under pavement for almost 30 years. At the direction of Clearwater's City Forester, Chris Coles, the city began employing long-term aeration in the 1970s to mitigate

the harsh environmental effects of paving around its valuable, historic trees.

Without long-term aeration, that grand oak tree would have died. Similar live oaks two blocks away were paved over and given no aeration. Respiration diminished and toxins accumulated. The oaks exhausted their stored-up energy, their roots died back, portions of the trees died back, and photosynthesis diminished, further decreasing respiration. The bleak cycle of decline played out for years. For each tree, it was a slow death.



Within blocks of each other, all these live oaks had the same potential to live. But one received long-term aeration and the others did not. That is the difference.

Several long-term aeration techniques are available for trees in hardscape. Aeration devices, or feeder units, are an economical and effective solution. They are inserted through the paving material into the soil below, thereby providing portals to a tree's root system. The avenue opened for entry is fundamental to the tree's survival. The units present the vital elements of water, air, and nutrition below the surface, down to the root zone, throughout the area underneath the tree's canopy.

Long-term Aeration continued on next page

Long-term Aeration continued from page 6

Pervious paving offers effective aeration and water permeation underneath the tree's canopy, provided it is maintained regularly by vacuuming or pressure-washing to remove sediment accreted in its pores. Initial installation may be expensive. Its application is limited to low-volume areas unless special engineering and structural designs are employed to increase its durability.

Turf blocks also allow exchange of gases and water penetration at the surface, but their disadvantages have caused them to fall out of favor as a technique for tree aeration. They become uneven over time, because the tree's roots mass just under the blocks, resulting in an uneven and dangerous surface. Installation requires that the paving surface be discontinued, the surface be compacted, and the blocks be laid manually, which is very costly.

Tree grates permit aeration and water penetration only in the area they cover. Because of their high cost, grates tend to be installed over an area much smaller than that covered by the tree's canopy. In time, the tree's roots tend to bunch under the grate causing the tree to heave the grate and sidewalk. Grates installed must be expandable to avoid girdling the tree as it grows.

All these long-term aeration techniques must be part of a comprehensive tree preservation program to be effective. If a tree's roots have been butchered through twelve months of careless construction, popping in some long-term aeration at the end will not affect a miracle cure. But in the hands of a competent arborist, who has developed, implemented and supervised a tree preservation program throughout the construction process, long-term aeration can keep healthy trees healthy.

Within urban areas, green spaces are shrinking. To offset the lack of green space available for healthy tree roots, effective aeration has become essential to the preservation of urban trees. Allowing roots to breathe gives trees a fighting chance. ■

Wayne Smith is an ISA certified arborist who has been working to preserve urban trees for 50 years. He has been a member of ISA, Florida Chapter, since its inception.



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Odessa/813-920-2247 | <i>Nature Coast Tree Corp</i>
Bell/386-935-9349 |
| <i>Bent Oak Farm</i>
Ocala/352-245-5429 | <i>Nealy Farms, LLC</i>
Dunnellon/352-465-3048 |
| <i>Cannon Trees, Inc.</i>
Brooksville/352-279-9709 | <i>Quality Trees and Shrubs</i>
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| <i>Ellenton Nursery Growers</i>
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| <i>FMT Farms</i>
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McAlpin/386-776-2727 | <i>Stewart's Tree Service</i>
Brooksville/352-796-3426 |
| <i>Huntsman Tree Supplier</i>
Brooksville/352-754-5295
Lake City/386-963-2225 | <i>The Magnolia Company</i>
Barberville/800-880-4662 |
| <i>John Deere Landscapes</i>
Parrish/941-737-2305 | <i>Tiger Lake Tree Farm</i>
Lake Wales/352-516-0509 |
| <i>Keystone Farms</i>
Tampa/813-920-0894 | <i>Turner Tree & Landscape</i>
Bradenton/941-721-3597 |
| | <i>Walsh Brokerage</i>
Parrish/863-326-5639 |

Associate Members

- | | |
|---------------------------------|------------------------------|
| <i>Braun Horticulture</i> | <i>Grass Roots Nurseries</i> |
| <i>Caretree Systems</i> | <i>Seaworld</i> |
| <i>Cherokee Manufacturing</i> | <i>Jack Siebenthaler</i> |
| <i>General Cordage</i> | <i>Sunrise Landscape</i> |
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To Subscribe to the RPG Times Newsletter or to request copies of the Tree Grading and Tree Planting Cue Cards contact an RPG member or visit www.rootsplusgrowers.org

Membership Committee Report

by David Reilly, Vice President

The elections are over and we would like to welcome new Board members Tammy Kovar as Treasurer and Lee Mackin as Municipal Representative and returning Board members Bill Slaymaker as Utility representative and myself as Vice President. I want to thank these folks for their dedication to the Arboriculture industry and commitment to serving the Florida Chapter. We also thank Don Winsett, Kris Stultz, Cris Revell and Paul Robinson for their nominations and look forward to their continued participation and service to the Chapter.

Promote the scientifically based practice of arboriculture through research, education and public awareness.

We have written in the past about the many benefits you receive as a Florida Chapter member. To name a few, they include professional identity, networking with other arborists, discounts on ISA certification, meetings, conferences, and educational materials, plus the Florida Arborist News and the latest research. However, membership comes with some responsibility, none greater than to exercise your responsibility to elect and direct the Board of Directors. It is with some dismay that I say the response to the recent elections was woefully low.

I know that there are many things affecting all of us right now. The economy, property taxes and insurance all are taking their toll. The Florida Chapter elections may seem like a low priority right now. But it may be that the Chapter can help sustain us through these hard times. It is time for us to stay focused on our mission statement: *Promote the scientifically based practice of arboriculture through research, education and public awareness.* So, if you missed the chance to vote, here is an opportunity to help. The membership committee is looking for volunteers as well as the other standing and ad-hoc committees.

In this New Year let's all make the effort to re-affirm our commitment to excellence and professionalism in the Arboriculture industry and to support and participate in the Florida Chapter as the Chapter serves to support its membership. ■

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:
Letters should be no longer than 300 words.
We reserve the right to condense letters, or to edit as necessary.

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2008 Florida Chapter Tree Climbing Championship Invitation

I would like to take this opportunity to invite the Florida Chapter's professional climbers to compete in the 2008 Florida Chapter ISA's 2008 Tree Climbing Championships. The winner of this year's competition will be representing the Florida Chapter at the International Tree Climbing Championships, July 26 & 27, 2008 in Saint Louis, Missouri.

WHERE: Weston, Florida during the Trees Florida 2008 Conference and TradeShow
 SITE: Topeekeegee Yugnee Park (known as TY Park)
 TY Park is located just a half mile from Interstate 95 off Sheridan St. & North Park Rd.
 WHEN: Saturday, June 7, 2008 and Sunday, June 8, 2008
 FEE: \$75.00 per contestant
 DEADLINE: May 16, 2008 - No Exceptions
 FORM: see *page 11*, or find at www.floridaisa.org
 MAIL FORM & PAYMENT TO: Kris Stultz
 5113 NW 65th Avenue
 Ft. Lauderdale, FL 33319
 (checks payable to Florida Chapter - ISA)

Due to the large interest in this year's competition, thanks in many ways to the outstanding work performed by the Official Unofficial Tree Climbing Team, I am requesting that anyone who will be competing send their entry forms in early, to either the Chapter or myself, to ensure their spot on this year's roster. In the past our Chapter has allowed many participants to sign up and compete up until the start of the event; this year we can only allow **20 competitors** and space may be limited. Reservations will be on a first-come, first-serve basis.

The tentative agenda is as follows:

Saturday morning:	Check-in and gear inspection Judge's introduction and event reviews
Saturday afternoon:	Throw line and Footlock events
Sunday morning:	Check-in and gear inspection Aerial Rescue, Belayed Speed Climb and Work Climb events The winner of each of these events will be awarded during the afternoon break and the Master Challenge competitors named.
Sunday afternoon:	Master's Challenge event review with the judges. Competition preparation Master's Challenge event This year's Master Challenge champion will be announced at the Hosting Conference Site during the opening reception on Sunday evening.

There are scheduled family events for conference attendees and FCTCC participants during the day on Sunday, along with live demonstrations from selected equipment vendors.

If there are any questions about this year's championships, or if you would like to help in any way with site set-up or sponsorship along with making this event an outstanding time for all, please contact me.

Kris Stultz, 2008 FCTCC Chairman

Cell # 954-309-6371

Office # 954-627-9100

Fax # 954-545-9715

E-mail: kris.stultz@stiles.com or StultzISABCMA@bellsouth.net

TREE CLIMBING CHAMPIONSHIP ENTRY FORM

Please Print CLEARLY

Contestant's Name: _____ Age: _____

Address: _____ Zip: _____

Phone: () _____ ISA Member Number (required) _____

Employed by: _____

Number of years you have climbed: _____

Waiver and Hold-Harmless by Contestant

In consideration of acceptance of my application for entry as a contestant in the Climbing Championship, I hereby waive any and all claims I may have at anytime, and any and all claims which might otherwise be made by, or on behalf of, or on account of me, or by me, or by any person or entity in any way as my subrogee against the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests, invitees, and any person who would be lawfully entitled to indemnification from them for any liability to, or on behalf of, or on account of me, for any injuries or damages of any kind whatsoever arising on account of or in consequence of my activities or participation in the Climbing Championship, or in any other way related to the Climbing Championship. I further agree to hold the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests and invitees, safe and harmless from any expense for defense, settlement, payment of damages, or other expenses related in any way to injuries sustained by me in any way related to the Climbing Championship. I recognize and assume all risks and danger involved in my participation, and will not under any circumstances rely upon the care, attention or assurance of anyone other than myself for matters relating to my safety.

Dated this _____ day of _____, 2008. Signature of Contestant _____

Certification and Waiver by Employer of Contestant

I hereby certify that I am the employer or a duly authorized representative of the employer of the above-named individual planning to participate in the Climbing Championship, and that the employer has encouraged this participation. I further certify that I have satisfactorily confirmed that the employee will be covered by statutory protection levels of Workers Compensation Insurance or the equivalent, for any injuries sustained in the course of participation. The employer hereby waives any and all subrogation claims it may have against the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests, or invitees, as a result of any compensation or their benefits or expenses incurred or paid by it, its insurance carrier, or otherwise on its behalf, in the event any claim or injury results from this participation, and will hold the property owner and the International Society of Arboriculture, its officers, directors, employees, agents, members, guests, and invitees safe and harmless from any expense for defense, settlement, payment of damages and other expenses relating in any way by this employee. I further certify that I am duly authorized to execute this Certification and Waiver on behalf of the employer and that any and all necessary resolutions have been duly passed and adopted by the employer.

The exact name and address of the employer, and state of incorporation if applicable is:

Dated this _____ day of _____, 2008.

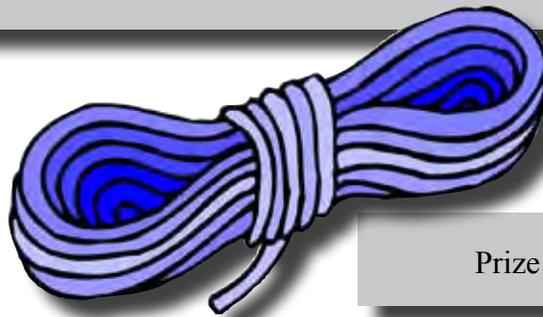
2008 Tree Climbing Championship Prize Package

Announcing the 2008 ArborMaster® Climbing Prize Package for the Florida Chapter Tree Climbing Champion (TCC), held in conjunction with the chapter's 2008 Tree Climbing Championship (TCC) event.

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(s) for the International Tree Climbing Championship (ITCC) Competition.

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Rainbow Treecare Scientific is designed to serve arborists. Our new **Solution Center** is staffed with specialists who provide training and sales support for tree health care products. Our company was founded in arboriculture, so we can also help with your questions about adding services, profitability, and marketing to clients.

A Aphids 1 2 3 Xylect Fall application provides control next season.	F Fireblight 1 Copper hydroxide Prune below infected tissue in winter. Spray in dormant season and at full bloom.
B Bronze Birch Borer 1 2 3 Xylect and/or Bifenthrin Attacks weak, stressed trees. Mulch, irrigate, and promote health to prevent this pest.	G Gypsy Moth 1 3 Spinosad Acephate Spray at early instar stage. Broad programs often use <i>Bacillus thuringiensis</i> .
C Chlorosis 3 VERDUR Macro-infuse in fall for multi-year green up. Combine with soil decompaction, fertilization.	H Hemlock Woolly Adelgid 1 2 3 Xylect Apply soil applications >60 days prior to fall feeding. Re-treat when suppression falters.
D Dutch Elm Disease 3 Arbotect Macro-infuse to protect for 2 to 3 seasons. Does not stop root graft infection.	I Injured Roots 2 Cambistat Prevention Air Tools Air tools decompact soil. Blend in organic matter and mulch over the top.
E Emerald Ash Borer 1 2 3 Xylect and/or Bifenthrin Annual preventive applications work best. Highly infested trees may be difficult to save.	J Japanese Beetle 1 2 3 Xylect and/or Bifenthrin Adults feed midsummer; grubs feed on roots until October.

K K Deficiency 2 Fertilizer Essential element and macronutrient.	N Needlecast 1 Chlorothalonil Requires two applications; one at 1/2 candle extension and one at full extension.
L Lepidoptera 1 3 Spinosad Acephate Foliar spray works best for early instar caterpillar stages.	O Oak Wilt 3 Alamo Protect healthy oaks within root graft distance of infected trees. Save infected white and bur oaks.
M Mites 1 3 Aracimate LUCID Micro-infusion with M3 infuser, or foliar applications combined with horticultural oil.	P Pine Wilt Nematode 3 Pinetect Treat preventively every other year prior to May 1.
Q Quercus Decline Cultural Practices Caused by a complex interaction of biotic and abiotic stresses.	R Rhizophora 1 Chlorothalonil Requires multiple years of treatment and cultural practices.
S Sycamore Anthracnose 3 Arbotect Macro-infusion suppresses symptoms for 3 seasons.	T Two-Lined Chestnut Borer 1 2 3 Xylect and/or Bifenthrin Attacks weak, stressed trees. Mulch, irrigate, and promote health to prevent this pest.
U Urban Stress 2 Cambistat ISA Arborist Everyone should call an arborist to care for their ailing urban trees.	V Verticillium Wilt No Known Cure Delay symptoms by proper pruning, watering, and fertilization. Rainbow is testing treatments.
W Weevils 1 2 3 Xylect Fall application provides control next season.	X <i>Xylella fastidiosa</i> 3 BACASTAT Annual application of Bacastat suppresses symptoms of bacterial leaf scorch.
Y Yellows No Known Cure Difficult to identify. Set low expectations with homeowner. midsummer.	Z Zimmerman Pine Moth 1 Bifenthrin Apply to trunk and main branches in spring and again midsummer.



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Rope, cont. from page 1

we should retire ropes and what the manufacturer specifies. But do we really know? How does one understand the effect that shock load has on your rigging line or how much heat degradation was done to that hitch with that last quick decent for lunch.

The testing I did at Samson was by no means a scientific study. To have a scientific study one must have controls and a compilation of data that can allow one to have definite and defined results. The information that I am sharing with you through this article should not be misconstrued as anything even resembling a scientific study. With that being said gathering data from a rope in actual working scenarios and creating a scientific study would be virtually impossible. What follows are observations and observances that will hopefully get you thinking a little about the ropes we put our lives on and maybe inspire you to keep better logs and consider in more depth the strains and stresses we expect these ropes to perform under..

The first test we did was on a sling made of 5/16th Am-steel Blue. We used this sling as a primary rigging sling on one of our crews. It was in service for about one year. Within that year it was used an average of twice per week with an average of 10 to 15 rigs per usage. The rigging events varied from simple branch rigging to butt hitching larger material. The last rig for this sling was a Ponderosa pine log about 8 feet in length with a weight close to 1000lbs. This last rig was the final rig close to the ground and the piece was essentially locked off giving a full shock load to the sling and the rope involved. After this last event we retired the sling. To break test, Johnnie Johnson, Samson's head technician placed the sling in a break test machine. A break test machine is essentially a hydraulic ram system in a cage. She then



cycled the rope several times to 20% of minimum break strength to align splices and fibres to get an accurate reading. The MBS (minimum break strength) of this particle piece is 12,300lbs. It broke at 4,458 lbs or 36%. You can see in the attached photo that all the strength loss was due to visible abrasion from usage.

To have this kind of residual strength in a sling with that

much wear and use allowed me to conclude that Samson's recommendation of AmSteel as a rigging sling was an excellent choice. The strength, ease of splicing and amount of work we did with this sling well out weighed the initial expense of the product.

The next rope we tested was a length of 5/8 Arborplex rigging line. This line was the one used in the final rig described above. As you can see in the photograph there was substantial glazing where the rope was tied off on the porta-wrap. Personally, I thought this rope would break at a very low percentage of MBS. Much to my surprise this rope retained 94% of its strength. It did fail in the damaged area however. I continue to be impressed with the properties of Arborplex as a rigging line. The only draw back to Arborplex is that it does not hold knots well. Our discussions with Samson addressed this and if they can come up with a solution the combination of the relatively low cost and durability of this product would, in my opinion, put it above some of the more expensive double braid lines.



The third test Johnnie did for me was the one that surprised me the most. It was a piece of 3/8 tenex. This particular piece was spliced into an eye and eye sling and was used as an English prussic on a three to one mechanical advantage system. The event that caused the damage was in a felling procedure of an included stem. The stem failed but the prussic did what it was designed for and held. The amount of melt and glazing was substantial however. I inspected the rope right after the event and the glazing did not appear as bad as I thought it might. I have done rapid descents on hitches made of Tenex that have created very similar glazing patterns so it was this that made my eyes pop from their sockets when it broke at 10% of MBS. (525 lbs to be exact). What I learned as we dissected the line was that in a continued heat event like a decent, fibres next to ones that have been glazed that appear fine have been degraded by the heat. Johnnie showed me the break patterns of the fibres that told her heat was the major contributing factor. My crew now all use hitches made of technora fibre or other heat resistant material like ice and we have gone away from Tenex as a primary hitch material. How often have you

Rope, cont. next page

Rope, cont. from page 14

done just one more climb on that hitch we glazed on that long quick descent? Think about it.

The final test we did was on a sling made of Validator 12. This sling was not used a great deal but was used in some very dirty environments. The properties of this fibre combined with the dirt caused extensive abrasion damage. The fibre almost seems to cut itself under use. Although this sling retained 31% of its MBS the use was not even close to that of the AmSteel tested. There are many uses for this product but slings are not one of them. Since this testing our crews have gone strictly to AmSteel as our sling material.

Thanks for allowing me to share this information with you and I hope you take away three things.

1. Know your cordage and its properties.
2. Inspect your cordage after every use and understand the type of degradation that can occur.
3. Keep up with industry changes.

The good people at Samson are continuously working on developing new products to make our jobs safer. Finally in closing I would personally like to thank Randy, Jimmy, Dave and especially Johnnie for all their help and their dedication to providing our industry with the best of products. ■

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August 14, 2008 - Orlando

August 15, 2008 - Tampa

October 23, 2008 - Pensacola

October 24, 2008 - Tallahassee





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ISA Certified Arborist rescues Eaglets in East Naples

By Eric Staats - Naples Daily News
Orig. published Friday March 14, 2008

Baby eagles are not small creatures and rescuing them after they've fallen out of their nest is no small job.

On Friday afternoon, however, it was mission accomplished — twice — along the fairway of the fifth hole of a golf course at Foxfire Country Club in East Naples. While a crowd buzzed below, a tree man perched on the branch of a dead pine tree some 60 feet up and returned baby eaglet No .1 to its nest. The commotion spooked a second eaglet, which then fell out of the nest and also had to be returned.

The double rescue thrilled some 70 onlookers who slowly gathered during the 1 1/2-hour operation, peering skyward through binoculars, snapping pictures and taking video.

Nobody was more juiced than Signature Tree Care owner Ian Orlikoff, 35, who volunteered his time for Friday's rescue — not to mention the great horned owl he returned to its nest Thursday afternoon at Eagle Creek.

"It's really an amazing experience when it's all over with," Orlikoff said.

It began Wednesday afternoon, when Foxfire resident Dean Lange, 81, heard that an eaglet had tumbled from the nest, a fixture at Foxfire since 1996, Lange said. He searched for the baby eagle until dark but didn't find it until Thursday morning.

"He survived; he doesn't know how lucky he is," Lange said.

Wildlife rehabilitation center workers from the Conservancy of Southwest Florida came and got the eaglet, which is two months old but nearly as big as an adult eagle. The baby won't be ready to fly for another month, too long to keep it at the Conservancy and out of the wild, wildlife rehabilitation center director Joanna Fitzgerald Vaught said.

"We decided to try to get him back up," she said.

On Friday afternoon, she brought the eaglet back to Foxfire, where biologists from the Florida Fish and Wildlife Conservation Commission put an identification band around its leg.

Meanwhile, Orlikoff used a crane to get him close to the nest and then, wearing a hard hat and tethered by cables, climbed the rest of the way up the tree. Back on the ground, his fiancée, Stephanie Rivera, put the baby eagle in a canvas bag. Orlikoff hoisted it up and tossed the eagle gently over the edge of the giant nest.

The second eagle fell into the branches of a tree, and Orlikoff climbed over to try to net the eaglet. The eaglet instead fell lightly to the ground. The bird scampered across the ground, but workers cornered it, threw towels over it and gave it a quick check for injuries. Orlikoff went back up the nest tree, hoisted the second bird aloft and returned it safely to the nest.

Adult eagles made warning cries and circled overhead. At one point, one of the adult eagles landed, within feet of Orlikoff, on a branch of the nest tree for a closer look.

Orlikoff, who said he's repeated Friday's feat about a dozen times in the past three years, said he wakes up in the middle of the night still thinking about the close encounters.

"I feel like I'm the lucky one to get to be able to do it," he said. ■



Certified Arborist Ian Orlikoff returns the second fallen baby eagle to its nest, at Foxfire residential community, Friday, March 14, 2008.

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New Opportunities are Blooming

The Certification Department just received approval for an extension of the USDA Forest Service Grant that was previously used for ISA Certified Arborist credential and now to be used for the Municipal Specialist credential. ISA will start taking scholarship applications in the early spring which is great timing because the Municipal Specialist Study Guide recently arrived at ISA.

The candidates will get the new Municipal Specialist Study Guide and exam fees paid for in addition to membership. Candidates will have the choice of ISA and chapter or ISA and Society of Municipal Arborists membership for the year. ISA is hoping to have at least 100 applicants become ISA Certified Arborist/Municipal Specialists. Once one earns the specialist credential, ISA requires that the candidate provide a project in their community such as an Arbor Day project. This project is meant to educate the public and community leaders on proper tree care practices.

Eligible scholarship candidates must be ISA Certified Arborists in good standing and meet the necessary experience requirements needed to become a Municipal Specialist. A completed ISA Certified Arborist/Municipal application, two letters of recommendation, a resumé, and a questionnaire will be required.

If you are interested in applying for this scholarship or would like more general information, please contact the ISA Certification Department at (217) 355-9411 or cert@isa-arbor.com.

ISA is dedicated to its arborists and thrives to open doors for endless opportunities. ■

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

Advertising rates are as follows:
 Full Page - \$200
 Half Page - \$150
 Quarter Page - \$100
 Business Card - \$50
 Classified Ad - \$25

www.floridaisa.org

Florida Chapter ISA - 2008 Education Schedule

Date	Seminar/Class	Location (s)
April 17, 2008	Arborist Safety & Climbing	Naples
April 18, 2008	Arborist Safety & Climbing	Ft. Lauderdale
May 14, 2008	Roots Plus Growers Workshop	Morrison
June 7 - 10, 2008	Trees Florida 2008	Weston
August 14, 2008	Arborist Safety & Climbing	Orlando
August 15, 2008	Arborist Safety & Climbing	Tampa
October 23, 2008	Arborist Safety & Climbing	Pensacola
October 24, 2008	Arborist Safety & Climbing	Tallahassee

TREE Fund Update

Endowment Campaign Kicks Off with 4 Major Gifts!

Growing the TREE Fund endowment by \$2 million in two years is an ambitious goal! TREE Fund Executive Director Janet Bornancin recently announced that the foundation is off to a strong start with pledges totaling \$400,000 thanks to the leadership and forward-thinking generosity of:

- Tim and Tom Gamma of Gamma's Shield Shade Tree in St. Louis, Missouri
- Jim and Annie Barborinas of Urban Forestry Services in Mount Vernon, Washington
- Mike Neal of Arizona Public Service in Phoenix, Arizona
- Robert Bartlett of The F.A. Bartlett Tree Expert Company in Stamford, Connecticut.

These four \$100,000 pledges express the desires of each



donor to create a reliable pool of funds whose earnings will support important arboricultural research and education programs in perpetuity.

Last year the TREE Fund was able to fund only about a quarter of the most promising projects for which it received grant requests. With the generous support of these lead donors, and your help as well, the fund can dramatically increase grants while reducing its reliance on the annual ups and downs of special events revenue.

We are grateful to our lead donors for their generous support of the TREE Fund Endowment Campaign. Please join them. Help the TREE Fund plan for the future of arboriculture and urban forestry by making a gift to the endowment, in addition to your annual donation. Contact Janet at 630-221-8127 ext. 256 to

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Florida Chapter Board Updates



TreesAreCool License Plates Now Available!

The new and exciting “TreesAreCool” specialty license plates are now available at local tag offices for your purchase. Show your pride, show your support... get yours soon! There are two easy ways to purchase your plate and you don’t have to wait until your current plate expires. In person, simply take your current plate into any Florida tag office and purchase a replacement TreesAreCool plate for the additional \$25. Or to order by mail, complete the form below and return it with your vehicle registration renewal notice and a check for the additional \$25. Either way, if your renewal notice indicates that it is time to replace your license plate, you do not need to include the \$10 new plate fee. Remember, your \$25 will help underwrite tree research,

scholarships and educational programs that will directly benefit your Florida environment.

Public promotions for the sale of the new license plate have included a Florida Arbor Day event in Safety Harbor and a tree planting ceremony held on the campus of the University of Central Florida. More large-scale promotional events are scheduled, but YOU can help promote the TreesAreCool plate, too... the Florida Chapter office has a large vinyl banner and several table-top signs they can loan out for use at any smaller event. Contact the office if you will be holding an event and would like to borrow a sign and get leaflets to hand out to the public.

Order Your Plate

How to Order Your TreesAreCool Specialty Plate

Select your official TreesAreCool specialty license plate in person at your Florida tag office. To purchase the Trees Are Cool license plate you do not need to wait for your current plate to expire. Simply take your current plate into any Florida tag office and purchase a replacement Trees Are Cool plate.

To order your plate by mail, please print and complete the form below. Return it with your vehicle registration renewal notice and check for an additional \$25. If your renewal indicates you must replace your license plate, you do not need to include the \$10 new plate fee.

Name: _____
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 City: _____ Zip Code: _____
 Email: _____

By providing my email address I would like more information on TreesAreCool.com programs and updates.

The TreesAreCool program is administered by the Florida Chapter of the International Society of Arboriculture (ISA), a Florida non-profit organization.



Welcome New Board Members

The Florida Chapter ISA Board of Directors extends an enthusiastic welcome to new and returning board members based on the January, 2008 election results.

You will recognize two returning Board members: David Reilly and Bill Slaymaker. David Reilly has been your Municipal Representative for the past three years and now steps up-to-bat as your Vice President. He has close to 30 years of experience working with trees in both urban and traditional forestry; currently he is the Forester Examiner for the City of Tampa. He has been involved in several industry organizations in Florida. Bill Slaymaker returns as your Utility Representative; he filled the unexpired seat on the Florida Chapter Board as Utility Director in 2007. Bill graduated with a BS Degree in Forestry from SUNY College of Forestry & Syracuse University and since then he has worked over 30 years in Urban Forestry / Arboriculture industry; he is currently the Vegetation Management Supervisor for FPL.

New faces around the Board table include Tammy Kovar and Lee Mackin. Your new treasurer is Tammy Kovar of Biological Tree Services in Sarasota. Tammy graduated from the University of South Carolina and pursued post-graduate studies at Portland State and Oregon State Universities. She has worked across the United States in various capacities in the biology and bio-technical fields and now runs her own science-based specialty tree service business. Tammy is an active leader in industry associations. Your new Municipal Arborist Representative is Lee Mackin of the City of Winter Park Forestry Division. Lee's background includes employment with the City of Winter Park as well as operating his own tree care company. He has been a member of the ISA's Southern Chapter since 1995 and switched to the Florida Chapter when it was formed in 1996 and earned his ISA Certified Arborist in 1998. Lee has been an active leader in several Florida industry associations.

In addition to the elected board members, president Mary Edwards has appointed the following people to the board at-large positions: Eric Hoyer of Natural Resource Planning Services, JoAnne Lavner of Orange County Government and Kris Stultz of Stiles Corporation.

All Board members bring with them years of expertise and the energy and willingness to continue moving the Chapter forward in their upcoming terms. Congratulations and welcome to all.

A Fresh New Look... Florida Chapter Website Updated

Look over the newly updated Florida Chapter website when you have some time. We think you will find it easier to navigate and easier to find the information you are looking for with drop-down menus on the main button bar and more organized informational boxes.

Book orders will now be handled off-line by phoning or faxing in your order. Forms are available to print from the website.

If you feel we have overlooked something during the design process, please feel free to let us know by contacting the Florida Chapter office at floridaisa@comcast.net. ■



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Welcome!

New Florida Chapter Members

Here are the individuals that joined the Florida Chapter during the fourth quarter of 2007/first quarter of 2008. 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. Get to know other chapter members. You might make some helpful connections for the future.

First Name	Last Name	City	State	First Name	Last Name	City	State
Anuar	Peter	COOPER CITY	FL	Naylor	Abbey	PALM HARBOR	FL
Aumann	Roger	CLEARWATER	FL	Nobbe	Aaron	BRADENTON	FL
Bardowell	Gordon	SUNRISE	FL	O'Neil	Apollo	CLEARWATER	FL
Braden	Steven	TAMPA	FL	Parks	John	BRADENTON	FL
Brown	Jeffrey	SHALIMAR	FL	Parrish	David	DAVIE	FL
Cherry	Dennis	MILTON	FL	Parsons	Rose	ODESSA	FL
Cipollone	Brandon	ORLANDO	FL	Pazourek	Joseph	SAINT PETERSBURG	FL
Cohen	Jason	ROYAL PALM BCH	FL	Peterika	Richard	TAMPA	FL
Conner	Thomas	CLEARWATER	FL	Pinkerton	John	BRADENTON	FL
Copley	Richard	PALM HARBOR	FL	Poole	Shawn	CRAWFORDVILLE	FL
Cumberledge	Jesse	DEBARY	FL	Rivera	Alex	BOCA RATON	FL
de la Flor Weiss	Eduardo	WELLINGTON	FL	Rogers	James	CRAWFORDVILLE	FL
DeJuliis	Michael	EUSTIS	FL	Ross	Kenneth	SEMINOLE	FL
Deluca	Michael	LABELLE	FL	Sanabria	Alan	WINTER SPRINGS	FL
Doney	Lee	SAINT PETERSBURG	FL	Schwarzberg	Lane	FORT MYERS	FL
Edwards	Glenn	WEST PALM BEACH	FL	Scott	Wayne	CLEARWATER	FL
Evans	Les	BRADENTON	FL	Seitter	James	BOYNTON BEACH	FL
Fasnacht	Chris	PORT SAINT LUCIE	FL	Siburt	Mark	GAINESVILLE	FL
Fulford	Troy	OVIEDO	FL	Sieber	Jeff	HUDSON	FL
Garrison	Timothy	BROOKSVILLE	FL	Sierra	Juan	WESTON	FL
Gilman	Leonard	TREASURE ISLAND	FL	Sphatt	Marcus	FORT MYERS BCH	FL
Infante	Christian	MIAMI	FL	Taylor	Ancil	PACE	FL
Johnson	Arthur	APOPKA	FL	Thomas	Je-ho-e	FORT LAUDERDALE	FL
Jones	Christopher	FORT MYERS	FL	Tromba	Frank	SARASOTA	FL
Kendall	Jason	TAMPA	FL	Urice	Robert	DEBARY	FL
Kinney	Dianna	DADE CITY	FL	Valdes	Gustavo	MIAMI	FL
LaCroix	John	DEERFIELD BEACH	FL	Viera	Alberto	MIAMI	FL
Leon	Anthony	WESLEY CHAPEL	FL	Von Paulus	Ronald	MIAMI	FL
Lewallen	Ted	LUTZ	FL	Walsh	Daniel	DAVIE	FL
Liang	Ryan	LOXAHATCHEE	FL	Ward	Baynard	BRANFORD	FL
Lievanos	Martin	ORLANDO	FL	Weaver	Paul	SAINT PETERSBURG	FL
Lignarolo	Giovanni	MIAMI	FL	Wenta	Gerald	TEQUESTA	FL
Lindsey	Michael	TALLAHASSEE	FL	West	Claudia	LAKELAND	FL
LoMonaco	Gasper	FORT LAUDERDALE	FL	Whiten	Mark	WESLEY CHAPEL	FL
Loy	William	DUNEDIN	FL	Wilcox	Tim	SAINT PETERSBURG	FL
Miller	John	SAINT CLOUD	FL	Wilson	Craig	DUNEDIN	FL
Mirabal	William	MIAMI	FL	Winsett	Don	FORT LAUDERDALE	FL
Moore	Gregg	SAINT PETERSBURG	FL	Winters Jr.	James	PINELLAS PARK	FL
Morgan	Kenneth	BROOKSVILLE	FL	Workman	Tom	GAINESVILLE	FL
Murphy	James	BOCA RATON	FL	Wright	Ronald	RUSKIN	FL
Nawrocki	Paul	PEMBROKE PINES	FL	Zilich	John	BRADEN RIVER	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 (217) 355-9411. Once you log in, you can update your address, check your CEU's, edit or verify Certified Arborist information and search the membership list.

2008 Certification Exam Schedule

The **FLORIDA CHAPTER of ISA** is pleased to announce our revised 2008 schedule of Certification exams and Study Guide review sessions. See the chart below for the site nearest you.

Date	Exam/ Class	Location	Time	Proctor or Instructors	Last Date to Register	Cost Member/ Nonmem
May 17 2008	Certified Arborist Exam	Duval County Extension 1010 N. Mc Duff Avenue Jacksonville, FL 32254	7:30 AM to Noon	Larry Figart Mike Robinson	See ISA Website	\$125/ \$225
June 7 2008	Cert. Review Session	Hyatt Bonaventure Conference Center 250 Racquet Club Drive Weston, FL 33326	9:00 AM to 4:30 PM	Dr. Ed Gilman Way Hoyt Norm Easey	See ISA Website	\$155/ \$185
June 8 2008	Certified Arborist Exam	Hyatt Bonaventure Conference Center 250 Racquet Club Drive Weston, FL 33326	7:30 AM to Noon	Norm Easey	See ISA Website	\$125/ \$225
Oct. 4 2008	Certified Arborist Exam	Duval County Extension 1010 N. Mc Duff Avenue Jacksonville, FL 32254	7:30 AM to Noon	Larry Figart Becky Jordi	See ISA Website	\$125/ \$225

This schedule is subject to change as additional tests and review sessions may be added.

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 order online.

The ISA Illinois must receive your application & exam fees **TWELVE WORKING 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) *****PREPAYMENT IS REQUIRED*****
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Up-coming 2008
Board Meeting
Dates & Locations
April 3, 2008 - Orlando
July 10, 2008 - Sarasota

Come see what your
Chapter is up to by attending a
**Board of Directors
Meeting!**

This invitation is open to
all members.
Please call
941-342-0153
for specific times and locations

The following article is provided in English and Spanish

Community Perceptions on Urban Trees

Dr. Francisco Escobedo, Assistant Professor, School of Forest Resources and Conservation

Jennifer Seitz, Extension Associate, School of Forest Resources and Conservation

Henry Mayer, Miami-Dade IFAS Extension Agent y ISA Hispanic Committee

Florida's recent growth has resulted in a loss of urban trees as room is made for housing and businesses. Community involvement in protecting and managing urban trees is important in ensuring that this resource continues to benefit the public. Understanding the public's beliefs and attitudes towards trees will assist arborists, planners, and foresters in working with the community to maintain urban forests. A recent needs assessment conducted with help from the Tampa Bay Forest-Watershed Working Group gives us some initial insights into a Florida community's perceptions and beliefs regarding urban trees around Tampa Bay.

We used a series of community group meetings to understand the community's perceptions on the benefits and costs of trees and recent events that have affected their perception of trees. During our meetings, participants from urban and suburban areas of Hillsborough County Florida were led through a process that resulted in a ranked list of the community's perceptions on urban forests. The results from the meetings were then used to design a region-wide survey that was mailed to 641 Homeowner Association (HOA) leaders across Hillsborough County in the summer of 2007. The 24% of HOA Leaders responding to the survey listed the top benefits of urban forests as: improve aesthetics, provide shade, increase property values, and provide unique community character. These same respondents also ranked hurricane damage from trees, falling branches and trees on power lines, and tree damage to sidewalks, roads, and

foundations as the main costs of urban forests.

So, are Floridians' perceptions of urban forests different than other parts of the country? In a recent national survey of urban residents, researchers from Washington State University found that individuals listed: tree shading and cooling of buildings, people feel calmer, reduction of smog and dust, and noise reduction as the main benefits of urban trees (Lohr 2004). However, these residents felt that the main problems associated with trees were: allergies, block signage, cause cracks in the sidewalk, and damage to power lines. Direct costs associated with tree maintenance were the lowest ranked concern for these same respondents. One additional result from our Hillsborough County survey was when HOA leaders were asked, "What were their sources for tree care information", they responded: newsletters, papers and magazines, internet, landscaping specialists, friends, and extension agents/arborists.

These preliminary results are in line with many of our recent experiences with the public here in Florida and highlight the need to educate people on proper species selection, site design, plant quality, and that trees might actually mitigate wind damage to homes.

Although preliminary, this survey could indicate that Floridians' reasons for having trees in urban areas is pretty much the

same as elsewhere in the United States. However, HOA leaders in Hillsborough County were more concerned about tree maintenance costs and property damage from trees than people nationally. Of particular interest was the concern for hurricane damage to and from trees.

These results allowed us a closer understanding of the community's values and perceptions of the urban forest (Northrop et al. 2007). Challenges managing and dealing with urban forests are often due to people's differing beliefs and attitudes toward trees. These preliminary results are in line with many of our recent experiences with the public here in Florida and highlight the need to educate people on proper species selection, site design, plant quality, and that trees might actually mitigate wind damage to homes. Realizing that people reading this article are the main sources for tree care offers us an opportunity to educate the community on the benefits of trees, proper management of our urban forests, and maintenance and selection of our trees. Changing the perceptions of Floridians on how to minimize or avoid

the costs of urban forests through education in Florida can assist us in gaining increased support for urban trees and our profession.

For more information

Lohr, V.I. 2004. How urban residents rate and rank tree benefits and problems associated with trees in cities. *Journal of Arboriculture* 30: 28–35.

Northrop R., F. Escobedo, and J Seitz. 2007. An urban forestry needs assessment for rapidly urbanizing Florida – assessing community perceptions and attitudes towards urban and urbanizing forests. In *Emerging Issues Along the Urban/Rural Interface 2: Linking Land Use Science and Society Conference Proceedings*, ed. D. N. Leband, 180-181. Auburn, AL: Auburn University Center for Forest Sustainability. ■



El siguiente artículo está escrito en Inglés y en Español.

Percepción de la Comunidad sobre los Árboles Urbanos

*Dr. Francisco Escobedo, Profesor Asistente,
School of Forest Resources and Conservation*

*Jennifer Seitz, Extension Associate, School of Forest
Resources and Conservation*

*Henry Mayer, Miami-Dade IFAS Agente de
Extensión y ISA Comité Hispano*

El crecimiento reciente en la Florida ha dado lugar a la pérdida de árboles en las ciudades mientras aumenta la construcción de casas y centros comerciales. El involucramiento de la comunidad en la protección y manejo de los árboles es importante asegurando que este recurso continúe beneficiando al público. Entender las creencias y actitudes que el público siente hacia los árboles ayuda a los arboristas, planificadores y silvicultores en trabajar con la comunidad para mantener los bosques urbanos. Un asesoramiento reciente realizado con la ayuda del Tampa Bay Forest-Watershed Working Group sobre las necesidades y las creencias de la comunidad con respecto a los árboles urbanos nos dio algunas ideas sobre las creencias y percepciones de la comunidad de Tampa Bay hacia los árboles.

Mediante una serie de reuniones de grupo con la comunidad se pudieron entender opiniones sobre las ventajas y desventajas de los árboles así como cuales fueron los acontecimientos recientes que afectaron su opinión con respecto a los árboles. Durante las reuniones los participantes nos informaron de sus percepciones más importantes sobre los bosques urbanos. Los resultados de las reuniones fueron entonces utilizados para diseñar una encuesta que se envió a 641 Asociaciones de Vecinos (HOA) en el condado de Hillsborough durante el verano del 2007. El 24% de las HOA que respondieron a la encuesta enumeraron las ventajas del bosque urbanos como: mejora la estética, proporcionan sombra, incrementan el valor de la propiedad y proporciona un carácter propio a la comunidad. Los mismos encuestados también mencionaron que los mayores daños o costos de los árboles son: daños debidos a los huracanes, árboles y ramas que caen en líneas de energía, y los daños del árbol a las aceras, calzadas y fundaciones de casas. Un resultado

adicional de nuestra encuesta a la pregunta “cuáles son sus fuentes de información con respecto al cuidado del árbol”, respondieron: boletines, revistas, Internet, especialistas en jardinería, amigos, la oficina de extensión y los arboristas.

Estos resultados preliminares confirman nuestras recientes experiencias con el público aquí en La Florida y destacan la necesidad de educar a la gente en la selección apropiada de especie, diseño del lugar de siembra, calidad de la planta, y tener en cuenta que los árboles pueden atenuar el daño por el viento.

Así pues, ¿Son las opiniones de los Floridianos acerca del bosque urbano diferentes a las que se tienen en otras partes del país? Investigadores de la Universidad de Washington State realizaron recientemente una encuesta a nivel nacional a residentes urbanos y encontraron que la gente cita como los principales beneficios de los árboles a: el árbol da sombra y refresca a las casas y edificios, la gente se siente más tranquila y calmada, la reducción del humo y del polvo y la reducción del nivel de ruidos (Lohr 2004). Sin embargo estos residentes sienten que los problemas principales asociados a los árboles son: las alergias, el bloqueo de señales, las grietas y roturas en acera y calzadas y el daño a las líneas de energía eléctrica. El costo asociado al mantenimiento del árbol no fue de gran preocupación para residentes a nivel nacional.

Aunque nuestra encuesta es preliminar, se puede apreciar que las razones de los Floridianos a tener árboles son parecidas al que se tiene en otras partes de Estados Unidos. Sin embargo, las Asociaciones de vecinos (HOA) en el condado de Hillsborough están más preocupadas que las personas a nivel nacional en cuanto a los costos de mantenimiento del árbol y sobre los daños materiales que los árboles pueden ocasionar. De interés particular resalta la preocupación por los daños que puedan ocasionar los huracanes.

Estos resultados nos permitieron entender cuales son los valores y opiniones más importantes de la comunidad acerca del bosque urbano (Northrop et al. 2007). Los desafíos en manejar y tratar los bosques urbanos son en gran parte debido a las creencias y actitudes de la gente hacia árboles. Estos resultados preliminares confirman nuestras recientes experiencias con el público aquí en La Florida y destacan la necesidad de educar a la gente en la selección apropiada de especie, diseño del lugar de siembra, calidad de la planta, y tener en cuenta que los árboles pueden atenuar el daño por el viento. Cambiando la percepción que tienen los habitantes

de la Florida sobre como minimizar o evitar los costos de los bosques urbanos con educación nos ayudará a aumentar el apoyo que la comunidad le brinde a los árboles y a nuestra profesión.

Para información adicional:

Lohr, V.I. 2004. How urban residents rate and rank tree benefits and problems associated with trees in cities. *Journal of Arboriculture* 30: 28–35.

Northrop R., F. Escobedo, and J Seitz. 2007. An urban forestry needs assessment for rapidly urbanizing Florida – assessing community perceptions and attitudes towards urban and urbanizing forests. In *Emerging Issues Along the Urban/Rural Interface 2: Linking Land Use Science and Society Conference Proceedings*, ed. D. N. Leband, 180-181. Auburn, AL: Auburn University Center for Forest Sustainability. ■



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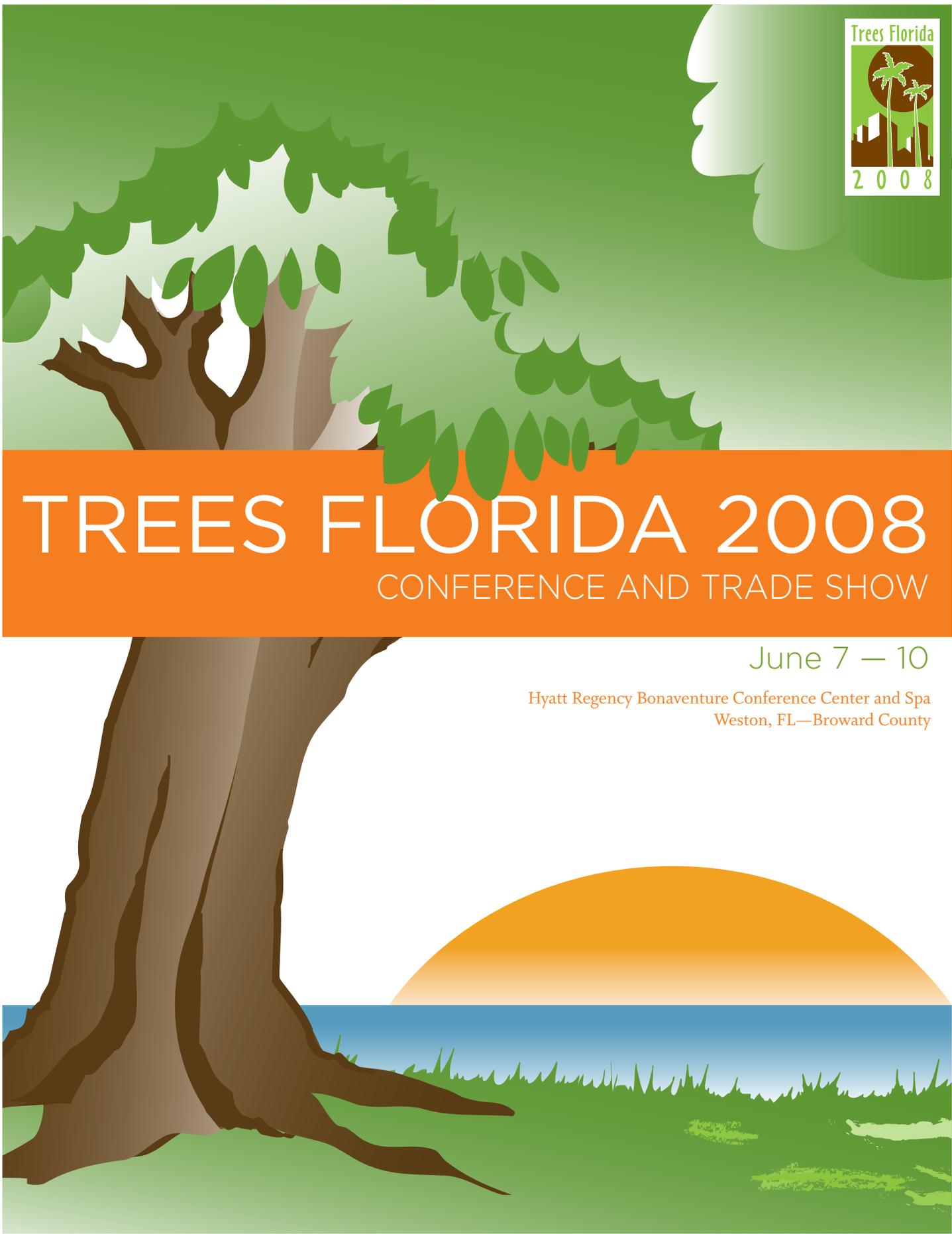
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TREES FLORIDA 2008

Awards Categories

OUTSTANDING PROFESSIONAL

Recognition of a professional individual for his or her contribution to urban forestry activities and arboricultural practices. Nominees include municipal foresters, private arborists, utility arborists, growers and educators.

OUTSTANDING INDIVIDUAL

Recognition of an individual instrumental in organizing or motivating urban forestry activities within a community. Nominees include community leaders, elected officials, exceptional volunteers, local nonprofit organizers, and concerned citizens.

OUTSTANDING TREE ADVOCACY GROUP

Recognition of an organization stimulating landscape beautification, tree planting, maintenance, preservation and/or public educational programs within their community. Nominees include tree boards, beautification committees, garden clubs, nonprofit organizations, youth groups, and homeowner associations.

OUTSTANDING PUBLIC EDUCATIONAL PROGRAM

Recognition of a public outreach program or communication tool which informs, teaches, and motivates the public on the importance of trees and the value of urban forestry activities within their communities and the state. Nominees include television programs, advertisements, public service announcements, interactive CD's, school programs, websites, and other media.

OUTSTANDING PROJECT

Recognition of a residential, commercial or public project that demonstrates tree preservation, tree planting, tree maintenance or environmentally-sound planning or design. Nominees should come from cities, developers, landscape architects, engineers, architects, planners, builders, arborists, and landscape contractors.

OUTSTANDING URBAN FORESTRY PROGRAM

(Large and small communities) Recognition of a local government or agency providing exemplary leadership and vision to a comprehensive urban forestry program. Activities may include beautification, tree planting, preservation, maintenance, tree inventories, public education, unique partnerships, and other programs. Nominees include local governments, schools, military bases, and other governmental entities. Please note size of population, since awards may be given to both large cities over 35,000 and small cities less than 35,000.

EDWARD W. BOK AWARD

Recognition of career-long distinguished service and dedication to the advancement of Arboriculture.

FLORIDA TREE CITY OF THE YEAR

The Florida Tree City of the Year is selected from all of the cities recognized as a Tree City USA in the state of Florida. A special committee from the Florida Division of Forestry and the Awards Committee selects the recipient, therefore, there is no need to apply for this award.

Entry Guidelines

- Enter your own work, the work of your organization or the work of another.
- Each application must be typed and presented in a standard three-ring binder (no larger than 1/2 inch capacity). The completed awards entry form must be the first page of the application. Following the entry form should be a summary of not more than three typewritten pages that describe the project's, program's or individual's contribution to urban and community forestry as outlined in the Award Categories.
- Support documentation such as photographs, press clippings, printed pieces, and letters of commendation are encouraged. All supporting documents must be attached or secured inside the application. Please, no loose documentation such as videotapes. Each application must include at least three digital photos in order to be considered.

Examples include photos of the individual recipient, project logo, etc. The photos will be used in the Awards ceremony that will be held on June 10, 2008 at the Hyatt Regency Bonaventure Resort, in Weston, Florida.

- Deadline for entry is April 25, 2008. Submit the original, one full copy and the three digital photos to:

TREES FLORIDA 2008 AWARDS PROGRAM
P.O. BOX 547993
ORLANDO, FL 32854-7993

All submitted materials become property of the Trees Florida 2008 Awards Program. **Please note:** The Awards Committee reserves the right to reassign the entry to another category if deemed appropriate. For questions or additional entry forms, please contact Sandy Temple, Florida Urban Forestry Council Executive Director at (407) 872-1738.

DEADLINE FOR SUBMISSION—APRIL 25, 2008

Entry Form

NAME OF ENTRY, INDIVIDUAL, OR PROJECT _____

NOMINATED BY (IF DIFFERENT) _____

NAME OF CONTACT PERSON FOR THE ENTRY _____

ADDRESS _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

CITY _____ STATE _____ ZIP _____

PHONE _____ FAX _____

PHONE _____ FAX _____

E-MAIL _____

E-MAIL _____

NUMBER OF DUPLICATE CERTIFICATES IF NEEDED _____

AWARD CATEGORY (PLEASE CHECK ONE):

- | | |
|--|---|
| <input type="checkbox"/> OUTSTANDING PROFESSIONAL | <input type="checkbox"/> OUTSTANDING INDIVIDUAL |
| <input type="checkbox"/> OUTSTANDING TREE ADVOCACY GROUP | <input type="checkbox"/> OUTSTANDING PUBLIC EDUCATION PROGRAM |
| <input type="checkbox"/> OUTSTANDING PROJECT | <input type="checkbox"/> OUTSTANDING URBAN FORESTRY PROGRAM |
| <input type="checkbox"/> EDWARD W. BOK AWARD | |

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Arborist Certification Committee Report

By Norm Easey, Florida Certification Liaison

Arborist Certification is booming worldwide; there are now 21,242 ISA Certified Arborists, 751 ISA Certified Tree Worker /Climber Specialists, 1,227 Utility Specialists, 179 Municipal Specialists and 206 Board Certified Master Arborists. The Florida Chapter now has 1430 certified arborists!

The Florida Chapter would like to congratulate the following 94 Florida individuals for earning their Arborist Certification, Certified Tree Worker, or Utility Arborist Certification during the fourth quarter of 2007:

Utility Arborist

Joshua Athon, Ocala, FL

Certified Tree Worker

Bennet Brooks, Homosassa, FL

Dewey Bullock, Venice, FL

Certified Arborist

Douglas Allen, Pace, FL

Shirley Anderson, Gainesville, FL

Peter Anuar, Cooper City, FL

William Barry, Fort Pierce, FL

Ronald Belko Jr., St. Petersburg, FL

Paige Boehike, Vero Beach, FL

Steven Braden, Tampa, FL

Thomas Brown, Palmetto Bay, FL

Dewey Bullock, Venice, FL

Bradley Bushor, Jacksonville, FL

Antonio Carreno, Miami, FL

Timothy Chaplinsky, Palm Harbor, FL

Thomas Conner, Clearwater, FL

Tashai Codner, Lauderhill, FL

James Colins, Sarasota, FL

Louise Davis, Homestead, FL

Brian Dick, Lakeland, FL

Deborah Dolobach, Brandon, FL

Janet Eden, Miami, FL

David Fox, Oldsmar, FL

Felicia Frith, Tampa, FL

Raymond Garcia, Brooksville, FL

Shawn Gaston, Gainesville, FL

Sam Geiger, Crawfordville, FL

Kelly Greer, Clermont, FL

Christin Hand, Bradenton, FL

Kristoffer Harvey, Titusville, FL

Alec Hoffner, Palmetto, FL

John Huber, Sumterville, FL

Kevin Jenkins, Tampa, FL

Arthur Johnson, Apopka, FL

Kenneth LaCasse, Ocala, FL

Kevin Langille, Cocoa, FL

George Kelley, Palm Beach Gardens, FL

Patrick Kennedy, Boca Raton, FL

Rudy Kirchner, Ft. Pierce, FL

Tammy Kovar, Bradenton, FL

Ted Lewallen, Lutz, FL

Eric Lewis, Palm Harbor, FL

Charles Marcus, Tallahassee, FL

David Markley, Jacksonville, FL

John Mahoney, Wesley Chapel, FL

Michael McElhattan, Jacksonville, FL

Jeffrey McMillian, Apopka, FL

Peter McNeave, Dunedin, FL

Gary Miller, Sarasota, FL

Mark Miller, Sarasota, FL

Lori Moreda, Tampa, FL

George Motz, Palm City, FL

Henry Mui, Lake Worth, FL

Abbey Naylor, Palm Harbor, FL

Suzanne Newman, Plantation, FL

Kenneth Nordan Jr, St. Augustine, FL

John Parks, Bradenton, FL

Joseph Pazourek, St. Petersburg, FL

Donald Peacock, Jacksonville, FL

Danielle Perilla, Seffner, FL

Michael Pollare, Spring Hill, FL

Shella Pinter, Titusville, FL

Alfred Pittman, Jacksonville, FL

Jorge Quevedo, Miami, FL

Russell Reeder, Seffner, FL

Michael Roberts, Clearwater, FL

Mike Robinson, Jacksonville, FL

Don Robinson, Jacksonville, FL

Juan Sanchez, Spring Hill, FL

Michele Scheiber, Apopka, FL

Dennis Schwentner, Port St. Lucie, FL

Kevin Seay, Orlando, FL

Roy Seay, Orlando, FL

Jason Sellers, Branford, FL

Jeff Sieber, Hudson, FL

Carrie Shuster, Hialeah, FL

Travis Sims, Deland, FL

Paul Smith, Palmetto, FL

Tanya Solomon, St. Petersburg, FL

Jonathan Stirman, Oviedo, FL

Donald Strickland, Dover, FL

Timothy Therrien, Tampa, FL

Danny Tomas, Largo, FL

Scott Troutman, Crystal River, FL

Gustavo Valdes, Miami, FL

Ronald Von Paulus, Miami, FL

Scott Washington, Jacksonville, FL

Jeff Wasielewski, Miami, FL

Christopher Weaver, Ft. Pierce, FL

Claudia West, Lakeland, FL

David White, Stuart, FL

Robert Williamson, Bagdad, FL

James Winters, Pinellas Park, FL

Gordon Wolfe, Dunedin, FL

Tom Workman, Gainesville, FL





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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.