

## **Mark your calendars**

**Oct 6** - "Fall in Love with Natives" Plant Sale. Brooker Creek Preserve 3940 Keystone Rd. Tarpon Springs. 9:00 am to 3:00 pm

**Oct 13** - Field Trip to Balm Boyette Scrub, Riverview  
Contact Erica Powell at [fieldtrip.pinellas.fnps@gmail.com](mailto:fieldtrip.pinellas.fnps@gmail.com)

**Oct 24** - Board Meeting  
Clearwater Library 100 N Osceola Ave. 6:30pm – 8:30pm

**Nov 7** - Monthly Meeting  
7:00 pm. Moccasin Lake Nature Park. Topic: "Good Bugs" and "Bad Bugs".  
Speaker Cindy Peacock

**Nov 11** - Field Trip to Boyd Hill Nature Park Night Hike. 5:30pm Education Center. 1101 Country Club Way S. St. Pete. Erica Pow-

**Nov 21** - Board Meeting  
Clearwater Library 100 N Osceola Ave. 6:30pm – 8:30pm

## **Welcome New**

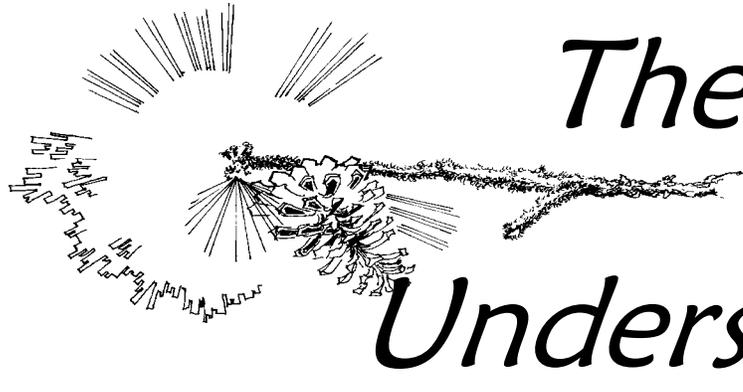
### **Members**

**Nicholas Day**

**Roberta Reinfrank**

**Carrie Wells**

**Rita Whalen**



# **The Understory**

## ***Nominations for Officers and Board Members for 2008***

A vestige of the fall season, is our need to elect the board of directors and officers for the coming year. This election happens at our annual November members meeting. The nominating committee for this year consists of Jan Allyn, Bruce Turley and Joy Wharton. Chapter by-laws require the committee consists of at least two board members (Jan and Bruce) and one non-board member (Joy Wharton).

Two other points in our by-laws are the requirement to publish the list of nominations in our newsletter, prior to the November election as well as the opportunity for members to nominate willing candidates for the board positions. Nominations can be made up to the time of the election at the November meeting. In keeping with the by-laws, the following is a list of the nominated officers and board members for 2008. Thank you to all the individuals willing to sacrifice their time for this important function of the organization.

President: Bill Bilodeau

Vice President: Ray Wunderlich III

Secretary: Melody Staunton

Treasurer: Jane Williams

Chapter Representative: Debbie Chayet

Alternate Chapter Representative: Ray Wunderlich III

Past President: Cathy Quindiagan

Board Members: Lisa Curry, Marie Hughes, Jim McGinity, Cindy Peacock, Bruce Turley, Alexa Wilcox-Huegel.

***Deadline for the Dec/Jan Newsletter is November 1<sup>st</sup>  
Contact Lisa Curry with suggestions or story ideas at  
[lkcurry1@tampabay.rr.com](mailto:lkcurry1@tampabay.rr.com) or 727/698-3136***

## *President's Message Action and Creativity*

Life happens. Every moment is an event, a creative act that is brought out through desire, intention to make that desire manifest, and finally action or activity to give form to it or make it happen. Take, for example, the simple act of eating. There is the desire to eat prompted by hunger followed by the intention to prepare food. Then there is the action or activity of preparing it, and finally the act of eating. This whole process would be incomplete and totally unsatisfying without the action of eating. With the eating, desire is appeased and it is on to the next act of creation initiated by another desire.

We recognize that there are different levels of desire. Many revolve around the needs for survival or personal gain of endless variety. These can be characterized as self-focused. There are also desires of a wider scope, ones that seek the benefit of a larger circle of beings, be they people, plants, animals, the planet or universe as a whole. These can be characterized as more inclusive or more holistic.

With the foregoing understanding in mind, how can we view our involvement with our native plant society and its mission to preserve, conserve, and restore the native plants and native plant communities of Florida? Are we simply looking for feel-good entertainment and recreation for ourselves (self-focused), or do we truly care for the earth, its creatures and desire to support their welfare through our actions (holistic)? If the latter, then how and to what extent are we being supportive of this holistic perspective? Are we giving our time in active engagement in fulfilling the mission? Are we being consciously creative in our involvement?

I have been reflecting on the creative process in relation to the recent landscape tour sponsored by our chapter. This event was initiated at last fall's chapter planning meeting by a desire to have such an event. It was then put on the Program and

Events Schedule for 2007 showing the committed intention to manifest the tour. Several months ago a tour committee was formed as the intention crystallized prompted by a need for action. Actions soon followed in the form of site inspections and selections, the preparations of maps and signs, the development of the information packets for the participants, and the grooming of properties. Lastly the word was put out as invitation to the people of Pinellas and surrounding counties.

All this activity was sustained by the tour committee members and homeowners with properties on the tour, who were willing, without exception, to be in action to create and share this educational experience with others. The result was a highly enjoyable and educational experience as participants learned about new plants and saw new possibilities for their own landscapes. As a powerful and effective way of having supported the mission of the Florida Native Plant Society, it was most gratifying to the creators of the event.

This landscape tour was a large event. There are many smaller chapter activities/events that can significantly contribute to the mission. Volunteer opportunities abound: plantings, administrative work, advocacy, educational outreach, staffing our exhibit table at environmental celebrations, etc. The important point is to choose to step into action and to see your involvement as an act of conscious creation that is helping to support the welfare of life on this great planet. We are all powerful agents of creativity in the continuance of life. It is uplifting to us when we recognize this, and when we use the creative powers that we have for the benefit of all.

-Bill Bilodeau

**You have to become involved to make an impact.  
No one is impressed with the won/loss record of  
the referee.**

--John Holcomb

## *Conservation Corner*

### **Little Bayou Park**

The ongoing restoration at this waterside park in St. Petersburg's east side has recently had 55 slash pines planted by St. Petersburg's "Scrubbin' the Berg" citywide youth program. Bill Bilodeau led over 18 youth's in this planting, trash and air potato pick up. Ray Wunderlich III, who is heading up this restoration with the city's Park Department arranged two other volunteer days, one in late September with a city led group and one with the Tampa Bay Estuary's Program's "Give-A\_Day For The Bay" tentatively scheduled for November 10th. A grant from Swiftmud's mini-grant program had been applied for to fund a large planting of native plant species of the Pine Flatwoods Plant Community for 2008.

### **Tocobagan Indian Mound**

Another project the Pinellas Chapter is participating in is the stabilization of the Tocobagan Indian Mound also in south St. Petersburg on Pinellas Point Drive. The City recently planted 18' of sod to inhibit erosion and erected a more complete information sign telling the "dos and do nots" of an Indian Mound. The neighborhood association is building a small fence around the perimeter to prohibit bicycle traffic on the mound. Also planned is adding native plant species, building a boardwalk and erecting historically accurate signage on the property as part of the ongoing stabilization process. The funding for most of these goals will come from grants by The Tampa Bay Estuary's Program, The City's Neighborhood Grant Program and The Greater Pinellas Point Neighborhood Association.



Photos courtesy of GPPCA

## *Amazon Jungle Safari* *October 19th - 28th, 2007*

Join fellow members of the Florida Native Plant Society on a natural history tour. This rainforest adventure is a great opportunity to have fun and learn about the world's largest rainforest and river system. We will have our own specially trained guides to describe flora and fauna for us. We will be staying in four "Explorama Lodges" and hiking in the jungle as well as traversing the river system in "collectivos"; long, passenger boats. Along the way we will see monkeys, sloths, toucans, macaws, horned screamers, piranhas, caiman, leaf cutter ants, pink dolphins, etc. We will have the opportunity to view the top of the rainforest on the canopy walkway which is 115 feet in the air and a third of a mile long. We will view ethnobotanical plants along the medicine trail and within the ReNuPerRu Ethnobotanical Garden adjacent to one of the lodges we will stay in.

Starting and ending in Miami, the price for this adventurous nature itinerary is \$2795 per person to double occupancy. The tour is escorted by experienced FNPS tour leaders Jo Anne and Fred Trebatoski. A Peruvian naturalist will meet you at the airport in Iquitos and stay with you throughout the trip. For more information please log onto [www.fnps.org](http://www.fnps.org) and click on the brochure (pink) in the trip descriptor on the home page. Hope to meet you on this trip. You can reach the Trebatoski's at [plantnative@earthlink.net](mailto:plantnative@earthlink.net) or call 800-466-9660 for more info.

# Fall <sup>for</sup> FLORIDA Native Plants PLANT SALE

**Sponsored by the Pinellas Chapter  
of the Florida Native Plant Society**



**Wildlife-friendly plants and  
fall-blooming wildflowers**

**Entertaining and  
Informative Programs**

**Children's Activities**



**Saturday, October 6th,  
9 a.m. to 3 p.m.**

**BROOKER CREEK PRESERVE  
ENVIRONMENTAL EDUCATION CENTER  
3940 Keystone Road, Tarpon Springs**

*10 a.m. & 2 p.m. "Flowers are Forever" Children's Program*  
*11 a.m.: "Landscaping & Gardening with Florida Native Plants"*  
*1 p.m. "Going Native for Butterflies"*  
*2 p.m.: "The Healthy Landscape"*

For information about this event and our other activities, please visit our website  
[www.pinellasnativeplants.org](http://www.pinellasnativeplants.org) or call our info line: 727-544-7341

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A copy of the official registration and financial information may be obtained from the Florida Division of Consumer Services by calling toll-free within the state (800-435-7352, reg. no. CH4271). Registration does not imply endorsement, approval or recommendation by the state. (FDACS/DPI Cert. #47222877)

## *Volunteers Needed*

**Saturday, October 20  
9:00am until 12:00pm**

Clam Bayou Marine Education Center  
4240 35th Ave South, St. Petersburg

Native planting and maintenance help needed. Bring Shovels, Gloves and Hand tools. Refreshments provided. Contact Danie Cutler for more information at 727/709-4658 or danieleec@msn.com  
Can't volunteer your time but would still want to help? Clam Bayou needs the following items: Wheel Barrows, Shovels, Pitch Forks, Weeding tools and irrigation materials. Volunteer groups also needed to "Adopt" sections of the landscape.

## *2008 FNPS Conference*

### *Help Needed*

**Florida Native Plant Society  
28th Annual Conference  
May 15-18, 2008**

*Co-hosted by the Mangrove, Pinellas,  
Serenoa & Suncoast Chapters*

As part of the planning process, we need to contact potential vendors, sponsors, and silent auction donors. This is a very important task that urgently needs attention. We have a list of good prospects and need help making telephone calls. If you'd be willing to take part in this endeavor, please contact conference co-chair Ray Wunderlich at 727-577-4344 or rayrunner@yahoo.com for more information

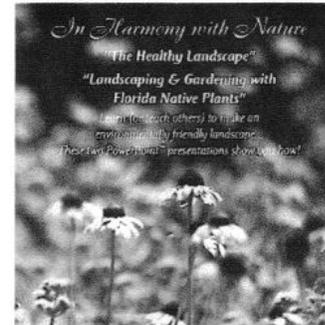
Field trip leaders, trip assistants and lunch coordinators needed. Contact Lisa Curry at 727-698-3136 or lkcurry1@tampabay.rr.com

***To volunteer your time and energy for upcoming events. Please contact Joy Wharton at 522-8769 to add your name to the volunteer list.***

## **New Educational Tool!**

*Show your customers how native plants can be used to create a landscape that conserves natural resources and nurtures wildlife ...*

### *In Harmony with Nature*



**One compact disk (CD)**  
with two PowerPoint™ presentations

#### **Each presentation is:**

- \* Beautifully illustrated with over 100 color photographs
- \* 35 minutes long with speaker notes (printable PDF file)
- \* Can be played with or without automatic audio narration, using Microsoft PowerPoint™ Viewer application (included)

#### **The Healthy Landscape**

- \* Shows how our gardening actions impact the local environment.
- \* Depicts the positive impacts of good landscape management practices on local surface waters, water conservation, and wildlife habitat.

#### **Landscaping and Gardening with Florida Native Plants**

- \* Relates natural Florida habitats to home landscapes
- \* Tells why using native plants has a positive environmental impact
- \* Contrasts conventional and native landscaping styles
- \* Provides examples of beautiful and effective native landscaping for homes, businesses, and institutions

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No. of CDs: \_\_\_\_\_ @ \$23. each = TOTAL AMT. ENCLOSED: \$ \_\_\_\_\_

**Please make Checks Payable to: "Pinellas Chapter FNPS"**

**Mail to:** Pinellas Chapter Florida Native Plant Society, PO Box 1661, Pinellas Park, FL 33780-1661

**For more information:** please contact Bill Bilodeau (727) 322-9695 -or- billbilodeau@earthlink.net

## *Butterfly Milkweed*

Butterfly milkweed, or simply butterfly weed, occurs throughout most of North America from New Hampshire to Minnesota, south through Florida to New Mexico and Arizona. In every one of these regions of the country it is beloved and regarded as one of the best wildflowers for the butterfly garden.

Despite its widespread distribution, however, butterfly milkweed is a very different plant in the northern prairie states than it is in the humid southeast. It may look the same, but if you want to be successful with it here, you must use Florida stock. Plants adapted to the rich soils of Wisconsin or Iowa will never make it in Florida sand. Trust me, I've tried...

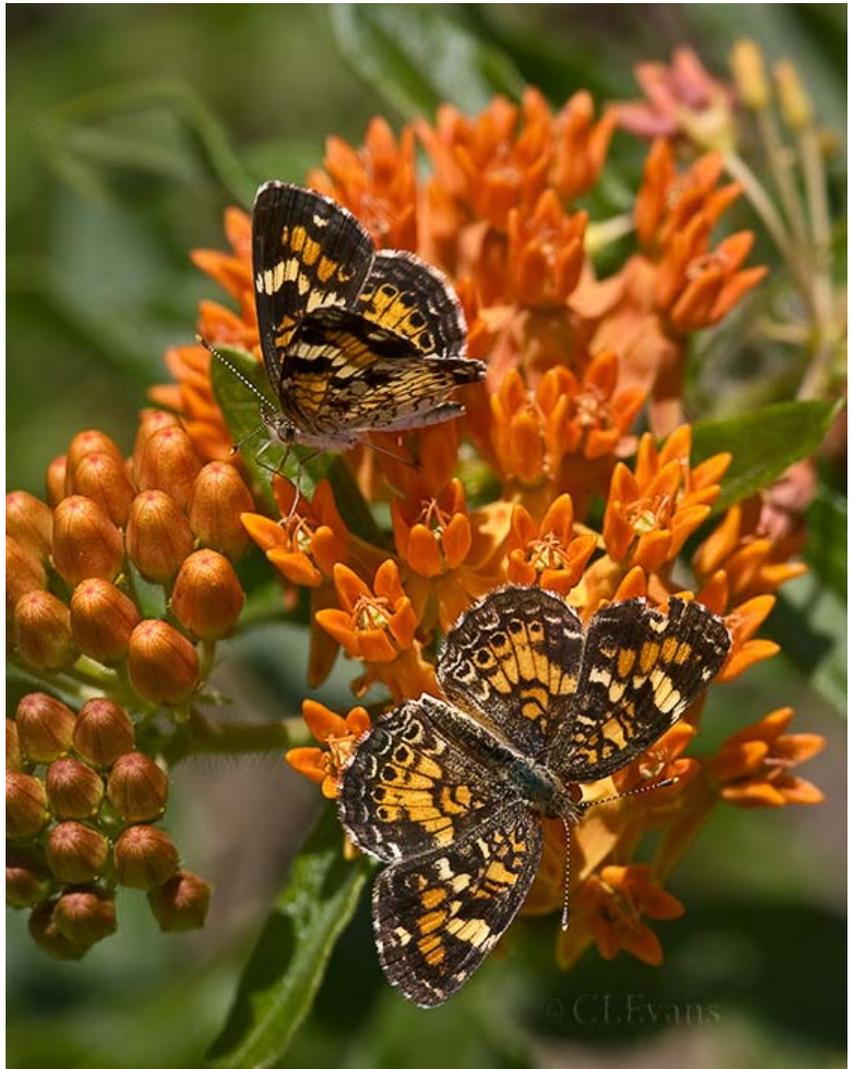
In Florida, butterfly milkweed is a plant of well-drained sunny habitats; pine flatwoods, sandhills and old fields. Though it is not often found in the most xeric scrubs, it also is not to be found in soils that are too rich or stay too moist. Be careful not to give it too much shade either.

Butterfly milkweed is deciduous. It emerges in the early spring, quickly attains a height of 2-3 feet and then goes about flowering. Its blooms are normally the brightest and richest of oranges – almost unique among Florida wildflowers, but it can range from brick red to a nearly clear yellow. Blooming season begins in early June and may last until late summer. All the time it is luring butterflies to nectar.

This is not a plant, however, to feed monarch caterpillars. Because it does not produce a milky sap, its foliage is rarely used by egg-laying females of the monarch family. Its value lies in its beauty and its attractiveness as a nectar plant.

Butterfly milkweed is very easy to grow from seed. If you have trouble finding it at a native plant nursery (the demand often exceeds the supply), stake out plants in the wild and monitor their seed pods. If you can grab a few seeds before they are carried off by the wind (leave most of them – you will only need a dozen or so) sow them in potting soil, just below the surface and wait for them to sprout. Most seedlings will flower by their second year.

- Craig Huegel  
Photo courtesy of Christina Evans



## Weedon Island Preserve

### Weedon Naturalist – Intertidal Ecosystems: Mangrove Swamps and Salterns

**Sunday, October 21 12:30 pm – 3:30 pm**

The Weedon Naturalist Program is for those who wish to become familiar with the ecosystems that surround us. Mangrove swamps dominate Weedon Island Preserve. These transitional areas, which connect estuary ecosystems to our upland ecosystems, provide countless benefits to Tampa Bay's natural systems and economy. Following a classroom presentation and discussion on mangrove ecology, we will hike along our boardwalks to observe and discover the functions and values of the different types of mangrove ecosystems and salterns found at Weedon Island Preserve. We will also use seine nets to sample for fish along a mangrove shoreline. Participants who wish to assist with the fish sampling will need to be prepared to wade into the water. This program is free and open to the public.

### Tampa Bay Estuary Academy

**Saturday, October 27 9:00 am – 2:30 pm**

Join us for a fun-filled and educational day of lectures and workshops. The Academy introduces citizens to the wealth of scientific research being conducted on, in and under the waters of Tampa Bay. Test your taste buds by sampling edible insects, explore the microscopic life beneath the Bay, scoop up and identify the creatures found in the seagrass beds, or take a guided canoe tour to learn about the Preserve's diverse habitats. For more information, visit [www.tbep.org](http://www.tbep.org), or call (727) 893-2765.

Contact Weedon Island Preserve Cultural and Natural History Center at (727) 453-6500 or visit [www.pinellascounty.org/Environment/pagesHTML/se10.html](http://www.pinellascounty.org/Environment/pagesHTML/se10.html) to learn more about these and upcoming programs. Learn about the history of the Preserve by visiting their homepage at [www.weedonislandcenter.org](http://www.weedonislandcenter.org)

## Brooker Creek Preserve

### Florida Style Gardening Series

**Wednesday, October 10, 6:00 pm – 8:00 pm**

Florida-Friendly Landscaping and Plant Installation and Establishment

**Wednesday, October 17, 6:00 pm – 8:00 pm**

Florida-Friendly Landscape Management - Best Management Practices and Pruning

**Wednesday, October 24, 6:00 pm – 8:00 pm**

Least Toxic Methods of Handling Landscape Pests - Integrated Pest Management

**Wednesday, November 7, 6:00 pm – 8:00 pm**

Vegetable and Herb Gardening and Composting

Want to learn the secrets to successful gardening in Pinellas County? Have you been confused by the sandy soil, growing conditions and the proper time to plant flowers, vegetables and herbs? We may have the answer for you. Pinellas County Extension is offering a five-session gardening course that will meet on Wednesday evenings at the Brooker Creek Preserve Center Environmental Education Center in Tarpon Springs. The tuition is \$60 for the series, which covers the cost of notebooks and materials. Class size is limited to 50 participants, and will be filled on a first-paid basis. Please call (727) 582-2673 for more information or to register.

Contact Brooker Creek Preserve Environmental Education Center at (727) 453-6800 or visit [www.pinellascounty.org/Environment/pagesHTML/se10.html](http://www.pinellascounty.org/Environment/pagesHTML/se10.html)

Learn how to become a Friend of Brooker Creek at <http://www.friendsofbrookercreekpreserve.org/>

Members of the Friends of Brooker Creek Preserve receive a discount on admission fees.

## *Cross Bar Ranch Field Trip*

Balancing wildlife conservation and the needs of Pinellas county residents for potable water is a continuing challenge as our county becomes increasingly urbanized. Participants on the Cross Bar Ranch field trip on August 4<sup>th</sup>, 2007 witnessed how balancing conservation and human needs can be achieved and sustainable. Located in Pasco County, but owned and operated by Pinellas County Utilities, Cross Bar Ranch is a working ranch that includes 12,500 acres. Interestingly, approximately 5,000 acres, formally utilized for ranching, has been converted to forestry production. The ranch manager, Albert Roller, and his family planted 4 million slash pines beginning in the early 1990's. Today, the needles of these mature slash pines are raked up and sold as mulch. This portion of the ranch has become incredibly self-sufficient generating revenue of \$3 million over a five year period! The rest of the ranch is used for cattle production (1,500 acres) and 6,000 acres has been set aside as a preserve to protect wildlife.

The property has seventeen wells and pumps approximately seven millions gallons of water per day, and the water is delivered to utility customers throughout the region. Not only is protection of this abundant groundwater resource an important mission of Pinellas County Utilities, but protecting and managing this land for wildlife is also a high priority.

To see this diverse landscape, field trip participants were taken on a relaxing open-air buggy through a variety of habitats including pine and scrub flatwoods,



oak hammock, wetlands, natural lakes and pasture farmland. During our trip, we witnessed an abundance of wildlife including threatened species such as the Florida scrub jay, sandhill crane, and Florida burrowing owl. Other animals we saw include the gopher tortoise, wild turkey, whitetail deer, red-shouldered hawk and a pair of swallowtail kites.

Cross Bar Ranch has an amazing diversity of native plants and plant communities. A tall canopy of magnolias (*Magnolia grandiflora*) and red bay (*Persea borbonia*) around Goose Lake provided wonderful shade during our short walk. Our visit to the scrub flatwoods was dominated by saw palmetto (*Serenoa repens*), but we also saw lots of wiregrass (*Aristida stricta* var. *beyrichiana*), rusty lyonia (*Lyonia ferruginea*) and common persimmon (*Diospyros americana*). In the oak hammock, we saw many old live oaks covered in pink lichens and resurrection fern (*Pleopeltis polypodioides* var. *michauxiana*). On the forest floor was bunches of chalky bluestem (*Andropogon virginicus*), blooming partridge pea

(*Chamaecrista fasciculata*), elephant's foot (*Elephantopus* sp.) and shiny blueberry (*Vaccinium myrsinites*). Our tour ended with a visit to a wetland that had an abundance of cattails (*Typha domingensis*), pickerel weed, bladderwort (*Utricularia* sp.), and a beautiful blooming rosegiant (*Sabatia grandiflora*). This list is just a tiny fraction of the many plant species we observed during our trip.



Over the next three to four years, Pasco County plans to buy Cross Bar Ranch from Pinellas County Utilities if the county is able to get financial support from the Florida Forever Fund. Pasco County would continue these conservation efforts, which are critical in protecting and managing our diminishing natural resources.

The Pinellas Chapter of the Native Plant Society would like to thank Jan Tracy of Pinellas County Utilities, and Albert Roller, Ranch Manager for sharing their knowledge and time in making this a very enjoyable field trip.

Article and photos courtesy of Nancy Smith

## *Volunteers Needed*

**October 13, beginning at 9:00 am  
Weedon Island Butterfly Garden.**

Volunteers needed to clear debris and plant in preparation for a new exhibit in the Education Center. Please bring rakes, shovels, gloves, hats, sunscreen, etc. Please contact Ray Wunderlich to sign up or for more information at 727-577-4344 or rayrunner@yahoo.com

**October 23 & 24, 2007  
Weedon Island Oyster Bar Project**

Tampa Bay Watch is at it again with two days of building Oyster Bar's at Weedon Island in St. Petersburg! We'll be looking to the community for help on Tuesday, October 23 and Wednesday, October 24 from 9:00 - 12:00 each day. Please contact Dennis at 727-867-8166 or email dkellenberger@tampabaywatch.org

**Boyd Hill's Art Arbor on Nov 3 & 4** (half days avail)

**Discover the Island on Egmont Key Nov 10 & 11** (full days only due to transportation)

Friends of the Tampa Bay National Wildlife Refuges will be hosting an informational exhibit at both of these events. If you can spend a half or full day with us, to spread the word about the wonderful National Wildlife Refuges in the Tampa Bay area, please contact Barbara Howard b\_howard2001@msn.com 727- 343-1272 This is easy and fun - we'll show you what to do!

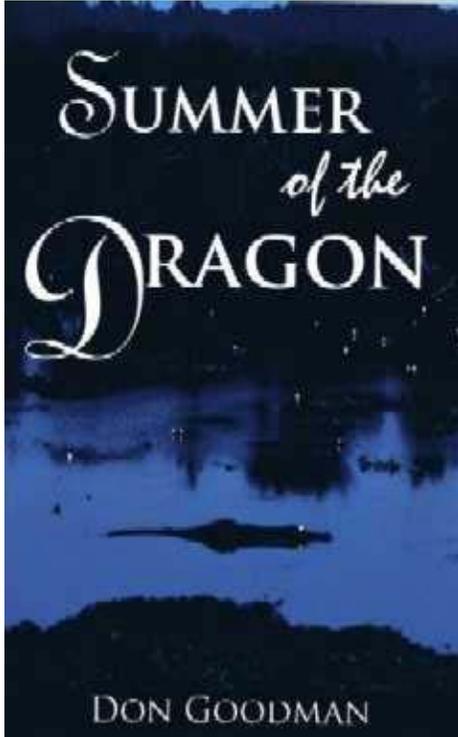
**Do you need information about what can be recycled and where to recycle in your community? Try these handy links for locations and materials.**

<http://earth911.org/>

<http://www.pinellascounty.org/utilities/departments/solid-waste.htm>



## *Summer of the Dragon - Book Review*



Reading Don Goodman's book *Summer of the Dragon* left me feeling a bit conflicted. I felt the same way when I visited Kanapaha Gardens in Gainesville, of which he is the director. Although Dr. Goodman has a Ph.D. in zoology, after graduation from the University of Florida he plied his trade in the plant kingdom because, as he explains in the book, he and his wife Jordan wanted to stay in the Gainesville area, and they found that they could make a living there propagating and selling plants. While he obviously has a genuine love for Florida and its plants and animals and decries the ruination of the state via excessive sprawling growth, exotic species seem more likely to capture his fascination.

I first visited Kanapaha last October, when my aunt, cousin and I traveled to Gainesville for a two-fer: Kanapaha was having its fall plant fair and there was a butterfly festival at the Florida Museum of Natural History. It was a marvelous trip and I enjoyed Kanapaha Gardens immensely, but there was little there that had a Florida feel about it. Like so many botanical gardens, there were many exotic and cultivated species chosen for their ornamental value. There were quite a few native plants in the butterfly garden, but hardly any elsewhere.

In *Summer of the Dragon* it is the same: with the exception of Mojo, the alligator that bit off Dr. Goodman's right arm just above the elbow five years ago, the plants and animals that get the most attention in the book are exotic.

There are exceptions, of course. One section tells about *Franklinia altamaha*, a tree with showy white flowers and gold stamens that resembles a loblolly bay. Named for Ben Franklin and discovered by John and William Bartram along the Altamaha River in Georgia, it was never again seen in the wild after 1803. But despite a poverty of specimens, seeds for this tree continue to be available.

Another chapter explores amusing and unusual plant common names, both native and exotic. You'll learn the connection between Jimson weed and the colonial-era Bacon's Rebellion, and you may be tempted to include a bit of devil's dung in your next pot of lima beans. Other chapters recall a dope-smoking hermit neighbor who ran for governor, snake stories, and the author's struggles with garden pests.

The chapters containing the account of his attack by the 13-foot alligator Mojo while skimming a pond in the gardens are compelling. A consummate naturalist, Goodman not only forgives Mojo for the attack, realizing that he was just fulfilling his natural role, he is so chagrined to discover that a trapper has dispatched several other, more retiring alligators from the pond that from his hospital bed he acts to save the last one, Gertrude, arranging to have her captured and shipped off to Gatorland to save her life.

I must admit I enjoyed this book. The prose is a bit overwrought at times, but Dr. Goodman's memoir is a good read. His account of his student years with Jordan and various odd pets, and of developing Kanapaha Gardens is interesting. He has an entertaining and self-deprecating personal style that draws you to him, and the last chapter of the book has a strong environmental message which we should all heed.

- Jan Allyn

## *Upcoming Events Of Interest*

**October 10, 7:00 pm – 8:00 pm**

**Environmentally Friendly Cleaning Products, Cypress Swamp Café – Brooker Creek Preserve.**

Join us for this series of presentations and discussions to explore ways you can live a more sustainable life-style. Each evening will include organic refreshments and shade-grown coffee as well as a presentation or discussion. Do you worry about the safety of your household cleaning products? Join us to learn how to accomplish most of your house cleaning with products that are not harmful to you or the environment. Pre-registration is required. (727) 453-6800. Recommended for adults.

**October 17, 7:00 pm**

**Climate Change - A Call to Action**

Pinellas County Extension, 12520 Ulmerton Road, Largo

What is Climate Change and what's causing it? What impacts will it have in our lifetime? What impacts will climate change have in Florida? Join Roberta Fernandez as she tells us about climate change and how it affects not only the environment but economics, national security, and each of us personally. Learn what we can do as individuals. Registration required (727) 582-2673. Presented by the Pinellas Chapter of the Florida Master Naturalist Program

**October 18, 9:00 pm, The Florida Dream,**

An upcoming PBS television documentary traces Florida's metamorphosis. About a half-century ago Florida was a sleepy, swampy, southern state with a population of less than 3 million. Today it's a mega state; an urbanized, ever-growing international mix of more than 18 million people. What brought about this dramatic transformation? Produced by the Florida Humanities Council and WEDU-TV of west central Florida.

**October 26, 7:00 pm – 8:00 pm**

**Voice of the Everglades: Marjory Stoneman**

Follow the life of the matriarch of Miami (portrayed by Betty Jean Steinshouer, Florida Humanities Council Speakers Bureau, Chatutauqua Performance) as she begins her crusade to restore the Everglades. Since the 1947 publication of her book, *Everglades, River of Grass*, Marjory Stoneman Douglas realized that her focus must be on restoration, not conservation – “Conservation is now a dead word. You can't conserve what you haven't got.” This event is free and open to the public. Pre-registration is required. (727) 453-6500 Recommended for adults.

**October 27, 9:30 am - 4:00 pm**

**Annual Country Jubilee & Heritage Village's 30th Birthday Celebration**

This is a day to celebrate! Browse and shop with 125 crafters, listen to live music, enjoy a parade of historic homes, hands-on living history activities, traditional craft demonstrations and more. In honor of Heritage Village's 30th birthday, you'll also be able to meet descendants of pioneer families and special guests of each historic building who have come home for the party. New signage on the Shirley McPherson trail, sponsored by the PCFNPS, is scheduled to be installed for the celebration.

