



Dade Chapter

TILLANDSIA

Newsletter of the Dade Chapter of the Florida Native Plant Society, Inc.
- For Miami-Dade County and the Florida Keys -

MAY 2014

MONTHLY MEETING

Tuesday, May 27, 2014, 7:30 p.m.

Pinecrest Gardens, 11000 SW 57 Ave. (Red Road)

Free and open to the public

Refreshments begin at 7:15 pm. Merchandise sales are before and after the program (cash, checks and credit cards). The plant raffle follows the program. **Please label your raffle plant donations** with the plant name. *Your contributions to the raffle and refreshments are always needed and greatly appreciated!*

A brief **Annual Chapter Meeting** with election of board members for 2014-2016 terms will precede the program.

"A 38-Year Study In Pine Rockland Restoration and Maintenance" – Terry and Barbara Glancy, pine rockland owners

Back in the 1970s, Barbara and Terry Glancy were operating their Grosse Pointe Botanical Gardens interiorscape business in Detroit. Four or five times yearly they would travel down to Florida to hand select plant material to truck back to Detroit for contract projects and sales.

Barbara was tasked with the daunting job of locating a piece of property to move to. She investigated 5-acre homes in Coral Gables, endangered native hardwood hammocks, monocultures of poisonwood stands in South Dade, and finally in 1976 found a 10-acre parcel owned by the late paleontologist Roland T. Bird along with an adjoining 5-acre parcel.

This was the start of an ongoing 38 year study in restoring a degraded pineland into what has officially been called the best example and most awarded Pine Rockland in the world, a globally endangered ecosystem.

Terry and Barbara will present some of the history and experiences of their restoration and maintenance work.

June 24 program: TBA

July: Annual Evening Yard Visit and Social meeting – date and location TBA

Inside this issue:

YARD VISIT: Saturday, May 10. An urban backyard with a cypress pond – a little bit of the Everglades in Palmetto Bay!

ARTICLE: Many of South Florida's pine rockland fragments are being designated "critical habitat" by USFWS – Jennifer Possley, Fairchild Tropical Botanic Garden

CHAPTER ACTIVITIES AT A GLANCE

May 10 (Sat.): Yard visit (Palmetto Bay)

May 15-18: FNPS Annual Conference, Ft. Myers

May 25 (Sun.): Field trip (County Line Scrub and other sites)

May 27 (Tue.): Meeting at Pinecrest Gardens

June 14 (Sat.): Chapter workday, Everglades National Park

June 21 (Sat.): Field trip (The Barnacle)

June 24 (Tue.): Meeting at Pinecrest Gardens

UPCOMING FIELD TRIP

If the weather is very bad, call Patty at 305-255-6404 to confirm. Field trips are for the study of plants and enjoyment of nature by FNPS members and their guests. Collecting is not permitted. Children are welcome.

Time, address and directions are in the newsletter mailed to members. Please join to enjoy all the activities of the chapter!

● **Sunday, May 25, 2014, 9 a.m. - noon: County Line Scrub and Dolphin Center/Dolphin Center Addition.** This group of properties represents the only publicly preserved scrub sites in Miami-Dade County. Dolphin Center is owned by the Parks Department, while County Line and Dolphin Center Addition were purchased by the Environmentally Endangered Lands Program. These preserves have some unusual plants of dry sand environments, including Myrtle oak, Chapman's oak, scrub palmetto, staggerbush, paw paw, blueberry, and Florida elephant's foot. We'll spend about an hour at County Line Scrub, then carpool to Dolphin Center/Dolphin Center Addition (the access is through a residential neighborhood, no dedicated access, so the fewer the cars, the better). We last visited County Line Scrub in May 2008.

Leaders: Gwen Burzycki (DCFNPS), Tim Joyner (Miami-Dade DERM-EEL), and Eduardo Salcedo (Miami-Dade Parks, Natural Areas Management).

Difficulty: Moderate. Open, sunny, hot habitat; walking on sand.

Bring/wear: Drinks, sun protection. The habitat is quite open, but close-toed shoes are always recommended. Long pants recommended for walking out of the open areas.

Plant list: The Institute for Regional Conservation, www.regionalconservation.org - Floristic Databases Online.

● **June 21, 9:30 a.m.: The Barnacle.** Steve Woodmansee will

lead a trip through the hammock at The Barnacle in Coconut Grove. Details in the June *Tillandsia*.

YARD VISIT

Saturday, May 10, 2014

Time: 9 to 11 a.m.

Address: Home of Lloyd Wruble - 15303 SW 84 Court, Palmetto Bay, FL 33157

Directions: From SW 152 St. turn south on SW 84 Court. Look for the second house on the left (east) with five large royal palms in front of a thatched entry way.

Who is invited: FNPS members and their guests

This one acre property hides a very lovely surprise – a cypress pond. Large cypress trees grow with their knees poking up out of water that is filled with native water plants, fish and turtles. Surrounding the ¼ acre pond are many upland species of shrubs and trees. After Hurricane Andrew, this property (formerly part of the Mitchell Grove of avocado and mango trees) became an opportunity for new landscapes. One half of the acre is planted with exotic flora and the other half is planted only with native plants. Lloyd wanted to recreate a bit of the Everglades in his own backyard, and he succeeded. Paths, a dock, a bridge and wood benches invite you to wander and sit. It is really a strange and wonderful sensation to gaze at cypress trees in the middle of suburbia. Come wander and wonder! If you remember our August 1995 yard visit here, it will be interesting to see how the landscape has endured and matured.

This visit is part of an ongoing opportunity for those who wish to know the natives in a hands-on manner and to see them in various settings, formal and informal, and to learn the property owner's successes and failures at growing them. If more information is needed, call Gwladys Scott at 305-238-8901.

DADE CHAPTER AND FNPS NEWS

Notice of Annual Chapter Meeting and Election

Elections for the Dade Chapter Board positions of President, Vice-President, and three Directors at Large (all for two-year terms) will be held at the chapter meeting on May 27, 2014, 7:30 p.m. at Pinecrest Gardens.

A slate will be presented by the nominating committee at the meeting. **Nominations for this slate are still welcome and encouraged.** Please contact Amy Leonard ([305-458-0969](tel:305-458-0969), aleonar74@yahoo.com) by **May 10** if you are interested or have someone to suggest.

The main qualifications are enthusiasm and a desire to see the chapter thrive. *You don't have to be a botanist - a variety of skills is always needed on the board.*

Welcome new members! Wendy Brand (Whimsical Wings & Wonders, Homestead), David Jove (Miami-Dade), Jackie Metts (Miami-Dade), Susan Wright (Amesbury, MA)

The May-June state FNPS newsletter, *Sabal minor*, is at http://fnps.org/assets/pdf/sabalminor/sabalminor16_3_2014.pdf.

If you are a member with an email on record and did not receive the email with this link, please contact FNPS (see contacts on back page).

Important notice to members who requested printed copies of the *Sabal minor*: FNPS will no longer mail printed copies of the *Sabal minor* to members with an email address on file. If you have an email address on file, you will receive only the emailed edition. This will significantly reduce the cost of printing and mailing for FNPS and allow much-needed funds to be spent on the FNPS mission. (This does not affect requests for printed chapter newsletters.)

FNPS 34th Annual Conference, May 15-18, 2014

Florida Gulf Coast University, Ft. Myers

Exciting programming and dynamic speakers on Friday and Saturday, fantastic field trips on Thursday and Sunday, affordable and fun socials, convenient on-campus housing option (or an affordable hotel), huge plant sale, exhibitors and vendors, scientific poster session, nature trail. Details at <http://fnps.org/conference/2014> or contact FNPS (321-271-6702, info@fnps.org).

All DCFNPS members – Miami-Dade and Keys: Please contribute to *Tillandsia*.

We'd like to hear from you with news, announcements of upcoming events, and articles relating to native plants and natural areas or issues that impact them.

Little snippets about your naïve plant gardening experiences or observations in the wild, thought-provoking or informative articles (one paragraph or a whole page), photos (whole plants, flowers, interesting features, landscapes) ... all can be considered for inclusion.

Contact the editor (pphares@mindspring.com, 305-255-6404)

OTHER NEWS AND EVENTS

Broward Native Plant Society. See www.npsbroward.org for field trips and activities.

May 14, 7 p.m.: Chapter meeting. Carmelo Duesler presents on the John U. Lloyd State Park Restoration. Secret Woods, 2701 W. SR 84, Dania Beach.

Dade Native Plant Workshop. MDC Kendall Campus Landscape Technology Center. 3rd Tuesdays at 7 p.m. See <http://nativeplantworkshop.ning.com> or contact Steve at steve@pronative.com. Bring at least three plants (especially flowering/fruited), even if they do not pertain to the topic. Beginners and old hands are all encouraged to come. Free. *Join on the website (free) to receive an email reminder and to post plant photos for identification or discussion.*
May 20 topic: Sapodilla family (Sapotaceae)



Wild dilly (*Manilkara jaimiqui*) belongs to the Sapotaceae, along with several other native species and nonnative species such as the familiar nonnative, cultivated Sapodilla, *Manilkara zapota*. Wild dilly is found in the Florida Keys, Miami-Dade and Collier counties and the Bahamas. In Miami-Dade it is native to islands in Biscayne Bay and shores of Florida Bay in Everglades National Park. *Information from The Institute for Regional Conservation, www.regionalconservation.org,*

Delray Beach and Miami. Photo by Roger Hammer.

Environmentally Endangered Lands Program Volunteer Workdays. Help make a difference in protecting our natural areas at preserves all over Miami. Learn about native habitats and earn student community service hours. Please register at EEL@Miamiidade.gov or call 305-372-6611. Info and calendar: <http://www.miamidade.gov/environment/endangered-lands-volunteer.asp>

May 17: Rockdale Pineland, SW 144 St. & 92 Ave. (planting)

Friends of the Gifford Arboretum meeting. Social at 7 p.m. followed by the program. Cox Science Bldg., Room 166. Univ. of Miami. For directions: 305-284-1302 or www.bio.miami.edu/arboretum.

May 7: "Pathogens, Parasites and Pesticides Put Honeybees in Peril" - Georgia Tasker, writer for Fairchild Tropical Botanic Garden and previously the Miami Herald's Garden Writer for over 30 years.

Tropical Audubon Society. For more info on TAS activities and conservation issues, see www.tropicalaudubon.org or call 305-667-7337. 5530 Sunset Dr., Miami, 33143.

• **May 31-June 1: Native plant sale.** A great selection of South Florida plants with knowledgeable sales people to help you choose the best ones for your yard. On **Sunday**, stay for supper at the Tri-Annual **Food Truck Migration**.

• **Workdays and fun events** (like the summer film series) -- see the website for the schedule.

Art of Conservation books. The Chugach Arts Council's 2013 "Art of Pollination" volume featured art from around the

country, including contributions by Xavier Cortada and others from Florida. **Submissions for the 2014 are being accepted from artists of all ages and abilities, in any medium for three volumes: "Endangered Species", "Pollinators", and "Our Oceans".** "Endangered Species" includes animals, plants and invertebrates. "Oceans" includes plants as a vital part of that ecosystem. See the 2013 Art of Pollination book at <http://www.magcloud.com/browse/issue/555950> (click on the gray preview tab at the base of the image to view all pages). Chugach Arts Council, Marie Wagner, Executive Dir. (623-703-8890, info@ChugachArtsCouncil.org) <http://www.ChugachArtsCouncil.org>

The Institute for Regional Conservation Please join the IRC in celebrating 30 years!

See <http://regionalconservation.org/ircs/30th.asp> to see special events and activities as they are scheduled, to like the IRC on Facebook, or to join their email list to receive updates. *Check the website, Facebook or your inbox for details as they are released for field trips, workshops, anniversary party and more.*

IRC Photography Contest:

Submission deadline June 1, 2014

Showcase South Florida's diversity and beauty! Show off your favorite photos, help IRC build the capacity of our databases, and win great prizes.

See the link above for information. Categories are: Rare Species, Habitat, In Habitat, Botanical Garden, Natives for Your Neighborhood, Wildlife Interactions, Diagnostic, and Youth. Details about prizes and the awards ceremony will be announced soon.

MANY OF SOUTH FLORIDA'S PINE ROCKLAND FRAGMENTS ARE BEING DESIGNATED "CRITICAL HABITAT" BY USFWS

**by Jennifer Possley
Fairchild Tropical Botanic Garden**

Two rare butterfly species whose names may be familiar to Miami nature lovers are undergoing the final phase of assessment for addition to the federal endangered species list. These are the Florida leafwing and the Bartram's scrub hairstreak, which should be federally endangered species by the close of 2014. Once the listing process is complete, it will be illegal to trap, kill, harass, move, possess or sell the butterflies without a permit. Furthermore, it will be illegal to destroy the butterflies' breeding ground, which of course includes the larval host plant shared by both species, pineland croton (*Croton linearis*). This part of the rule will not apply to each individual pineland croton plant in South Florida, but rather to plants that have been demonstrated to be within the butterflies' breeding grounds in the past.

As part of the listing process, USFWS lead biologist Mark Salvato has also recommended the designation critical habitat areas for both species. Designation of critical habitat is a process that *can* be undertaken when a species becomes federally listed, but that isn't always the case (for example, Crenulate lead plant does not have designated critical habitat). But because the Florida leafwing and Bartram's scrub hairstreak are so rare, Mr. Salvato has successfully campaigned to have not just the butterflies protected, but their habitat as well. Areas proposed for the butterflies' critical habitat total over 11,000 acres and include: Everglades National Park, Navy Wells Pineland, Camp Owaissa Bauer, Larry and Penny Thompson Park, Zoo Miami, Martinez Pineland Preserve, Big Pine Key, Little Pine Key, and No Name Key.

So what does the critical habitat designation mean for affected pine rockland parcels? In a nutshell, the rule gives these parcels additional protection from development. Should a project be proposed that will take place within critical butterfly habitat on federal land, OR if federal funds are proposed for a project that will take place within critical habitat on private or public lands, a mandatory review will be triggered. Federal endangered species biologists will be called upon to intervene and ensure that the project does not cause harm to the butterfly species. For those of us concerned with conserving our remaining pine rockland fragments, new federal protection for the Florida leafwing and Bartram's scrub hairstreak provide some very welcome fringe benefits for pine rocklands.

Acknowledgement: The information presented above was modified from a recent presentation that Mark Salvato gave to a meeting of Florida's Imperiled Butterfly Working Group.

Jennifer Possley is a field biologist and member of Fairchild Tropical Botanic Garden's "Conservation Team" and a member of FNPS. This article is reprinted from the May 2014 issue of Connections, newsletter of the Connect to Protect Network at Fairchild.

The Connect to Protect Network at Fairchild Tropical Botanic Garden

Do you live near or between any pine rockland fragments and have some pine rockland species in your yard, or plan to plant some? If so, then you might be a good candidate to join the Connect to Protect Network (CTPN). Learn more at <http://www.fairchildgarden.org/centerfortropicalplantconservation/connecttoprotect/>

Only about 2% remains of the original pine rockland that once extended along the Miami Rock Ridge from northern Miami Beach to Everglades National Park. CTPN is an effort to create corridors and stepping stone gardens between pine rockland fragments so that seeds and pollen can spread among them. Many home gardens and schools are part of this network.

Learn more about the Florida leafwing and Bartram's scrub hairstreak butterflies and see photos at <http://www.nps.gov/ever/naturescience/bartrams.htm>
<http://www.nps.gov/ever/naturescience/floridaleafwing.htm>



Pineland croton, Grannybush -- *Croton linearis*

This larval host for the extremely rare Florida leafwing and Bartram's scrub hairstreak butterflies is a common plant in pine rocklands in southern Miami-Dade County. It is a nice, easy-to-grow, small native shrub for a sunny place in your yard, and will be visited by common butterflies and other insects. Photo by Roger Hammer. Learn more at <http://regionalconservation.org/beta/nfyn/plantdetail.asp?tx=Crotline>

DADE CHAPTER FLORIDA NATIVE PLANT SOCIETY

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TILLANDSIA

Interim Editor: Patty Phares (pphares@mindspring.com, 305-255-6404)
Assistant editor: vacant

Articles, announcements and news items are invited for *Tillandsia* from Dade and Keys members. Please submit items for consideration by the 15th of each month. Advertising rates from \$12 per month.

FLORIDA NATIVE PLANT SOCIETY

FNPS office: info@fnps.org, 321-271-6702
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