



Dade Chapter

TILLANDSIA

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

MARCH 2015

MONTHLY MEETING

Tuesday, March 24, 2015, 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. Contributions of raffle items and refreshments are always greatly appreciated. (*Note: The previously announced program will be rescheduled.*)

“Everglades Cooperative Invasive Species Management Area”

– Tony Pernas, National Park Service

The Everglades Cooperative Invasive Species Management Area (ECISMA) is a formal partnership of federal, state and local government agencies, tribes, individuals and interested groups that manage invasive species in the Greater Everglades. ECISMA was established in 2006 through a memorandum of



understanding. It formalizes cooperation among land management agencies and improves effectiveness of exotic species control by sharing information, innovation and technology across borders. ECISMA's efforts have focused on prevention, early detection and rapid response to new invasive species, outreach, and the effective management of established species.



Tony Pernas has been the Coordinator for the National Park Service Florida/Caribbean Exotic Plant Management Team since its inception in 2000. Since joining the NPS in 1988, his career has focused on invasive plant and animal management issues – first as a Resource Management Specialist at Big Cypress National

CHAPTER ACTIVITIES AT A GLANCE

Mar 14. (Sat.): Field trip (Fern Forest - Broward chapter trip)
Mar. 21 (Sat.): Field trip (Everglades National Park)
Mar. 24 (Tue.): Meeting at Pinecrest Gardens
Mar. 27 (Fri.): Set up for Native Plant Day
Mar. 28 (Sat.): NATIVE PLANT DAY

Apr. 12 (Sun): Field trip (spoil island, Coconut Grove)
Apr. 19 (Sun): Pinecrest Gardens Earth Day (vols. needed)
Apr. 25 (Sat.): Chapter workday, Everglades National Park
Apr. 28 (Tue.): Meeting at Pinecrest Gardens

May 28-31: FNPS Annual Conference in Tallahassee

Preserve, and then as a Supervisory Botanist at Everglades National Park. Tony is currently a co-chair of the Everglades Cooperative Invasive Species Management Area (ECISMA).

April 28: Roger Hammer will share highlights from his new books: the second edition of *Everglades Wildflowers* and *Attracting Hummingbirds and Butterflies in Tropical Florida*

May 26: "The Miami-Dade County Environmentally Endangered Lands Program" - Cynthia Guerra, Program Director

In this issue:

- **NATIVE PLANT DAY, March 28, 2015 – don't miss it!** Volunteer, donate items, spread the word, plan to attend.
- **Book Review: *Everglades Wildflowers* - by Roger L. Hammer.** Reviewed by Chuck McCartney
- **Priceless Pieces** by Jennifer Possley

UPCOMING FIELD TRIPS

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!

- **Saturday, March 21, 2015, 8:45-12:30: Everglades National Park -- Hike/slog to a cypress dome or gator holes.**

Our leader will be **Alan Scott**, Chief of Resource Education and Interpretation for Everglades and Dry Tortugas National Parks. Our final destination might be decided at the last minute based on the weather and the group, but it's sure to be an interesting walk as we go off-trail and into the prairie. In the dry season, chances are we will not be slogging in much water, but be prepared to walk in some muddy water and sharp sawgrass.

Difficulty: Moderate.

Wear: Long pants, long sleeves and a hat recommended. *Close-toed, lace up shoes with socks are required. No flip flops, sandals or aqua shoes.*

Also bring: Sunscreen, water to carry, lunch if you want to picnic afterward. A walking stick (a broom handle will do) may be helpful since the footing might be uneven.

Park entrance fee: \$10 per car (or pass). We'll carpool in to use available passes or share fees.

Info that morning: Try Patty's cell (305-878-5705) but reception inside the park is doubtful.

• **Saturday, March 14, 2015, 10:30 a.m.** We are invited to join the Broward Chapter for a walk with **Jennifer Possley at Fern Forest**, 201 Lyons Rd. South, Coconut Creek, FL 33063. See www.npsbroward.org for more details.

• **Sunday, April 12, 2015, 10 a.m. – 2 p.m. Clarington Island, a spoil island** just offshore from Coconut Grove, accessed by a quick boat ride. Bring lunch.
Leader: Susan Walcutt 305-297-7757
More details in the April Tillandsia.

You can still

“Sail away and support natives”

There is still space on the 4-hour Biscayne Bay sailboat cruise with Capt. John and Jeanne Rothchild. A minimum donation of \$30 per person will benefit DCFNPS, but a relaxing afternoon on the water will benefit your frayed nerves even more!

The first four reservations made through the Dade Chapter FNPS email address (dadefnps@gmail.com) are eligible. The trip is open to chapter members and their guests. The date will be arranged to suit the participants. Complimentary refreshments back at the dock. Guests should be able to climb stairs and step over 30” high life lines to board the boat. This trip cannot accommodate children under 8 years old.

The Mission of the Florida Native Plant Society is to promote the preservation, conservation, and restoration of the native plants and native plant communities of Florida.

NATIVE PLANT DAY

March 28, 2015, 9 a.m. to 4 p.m.

A.D. Barnes Park Natural Area

3401 SW 72 Avenue (Bird Road & SW 72 Ave.), Miami

**Sponsored by the Dade Chapter FNPS
and Miami-Dade County Parks**

FREE – rain or shine!

For a schedule and directions:

<http://dade.fnpschapters.org/> or call DCFNPS at 305-985-3677.
The schedule will be available before the event.

Please forward this link to your friends:

<http://dade.fnpschapters.org/events/nativeplantday.php>

With lots of activities, our 20th Native Plant Day will be an informative, fun and relaxing day among a forest of native plants. Bring your family, kids and friends. And please volunteer or donate items to help make the day a success!

Activities and things to know:

- **Huge plant sale** (commercial vendors and home-grown benefiting our chapter). **Also special plants just for kids!** (Note: Nursery vendors take cash and checks.)
- **Merchandise sale** (books, shirts and lots more)
- **Displays and hands-on activities** for all ages
- **Plant Clinic** - bring your questions
- **Plant walks and nature and gardening talks** (including the *Early Birding Walk at 8 a.m.*)
- **Plant holding area** to keep your purchases while you enjoy the event
- **Food and drink** available for purchase

It's not too late to donate items or your time. Please support the chapter to make this important day a success by volunteering or donating:

- **Help set up on March 27 (afternoon).** Set up signs, the raffle and other areas. Contact Amy.
- **Loan butterfly larvae, potted host/nectar plants.** We often need a last-minute source for caterpillars. Contact Patty.
- **Donate to the raffle and chapter plant sale:** Contact Amy if you can't take items to the park yourself. Also let her know what you will bring so we can be prepared with the right tags. Raffle items can include native plants, books, gift certificates or passes, art items, gardening tools, etc. Be creative!
- **Help at Native Plant Day on March 28.** If you can help for a few hours, you'll still have plenty of time to enjoy the event. Also, suggest youth volunteers. Contact Gita.

Contact information for donations and volunteers:

Amy Leonard (305-458-0969 or aleonar74@yahoo.com)
Patty Phares (305-255-66404 or pphares@mindspring.com)
Gita Ramsay (786-877-7168 or gita.ramsay@gmail.com)



Art by Marie Wagner

Yes, sometimes we even need the common butterfly caterpillars for display – you probably have some. Please let us know!

An extra nudge ...  **Native Plant Day**

Be easy on the Native Plant Day organizers! **Contact Gita to volunteer** (instead of waiting for her contact you). **Find some raffle donations** (it's not hard to find *something* – non-plant items are good). **Prep your potted plants** (make them as pretty as you can). **Spread the word** (forward the link, print the schedule when it is available online and hand it out, or call Vivian (305-665-5158) to pick up some postcards to hand out. **Pin postcards on the bulletin board at Starbucks.**

DADE CHAPTER NEWS

Welcome new Dade Chapter member! Jimmy Lange. Thank you to all who have renewed and rejoined recently. Your support allows FNPS to strive to conserve and promote Florida's native plants.

Pinecrest Gardens Earth Day, April 19, 2015, 11 a.m. - 4 p.m. DCFNPS will have a table. Volunteers will be recruited next month. Save the date!

Support native plant conservation by contributing to the Dade Chapter's Gann Conservation Fund. DCFNPS will add enough to give \$1,500 to the FNPS Conservation Grant Awards announced at the 2015 FNPS Annual Conference in May. **Our chapter's fund honors founders Joyce and Don Gann.** Please make your check payable to DCFNPS and note that it is for the "Gann Fund." Mail to: Dade Chapter, FNPS
6619 S Dixie Highway #181, South Miami FL 33146-7919

Paid advertising

VEBER'S JUNGLE GARDEN SPRING FESTIVAL

March 7th – 9 AM to 3 PM
24605 SW 197 Ave., Homestead, FL



Butterfly tour at 1 pm
Native plants, palms,
butterfly attractors,
flowering plants, orchids
Also: Avocado honey,
chocolates, jewelry
Check or cash only

Join us for a beautiful day in the country!
<http://www.vebersjunglegarden.com/>

FNPS NEWS

Broward Chapter FNPS. See www.npsbroward.org. Meetings are at Secret Woods, 2701 W. SR 84, Dania Beach, FL 33312
Mar. 11, 2015, 7 p.m.: "South Florida Ferns" – Jennifer Possley, Field Biologist at Fairchild Tropical Botanic Garden.

Apr. 8, 2015, 7 p.m.: "Flower Dude Does Digital: A Wildflower Bouquet" – Chuck McCartney, wildflower enthusiast

The March-April FNPS newsletter, *Sabal minor*, is at http://fnps.org/assets/pdf/sabalminor/sabalminor17_1_2015.pdf. If you did not receive the email or hard copy, please contact FNPS at info@fnps.org or 321-271-6702.



Save the date for "Born to Burn" in Tallahassee! In addition to the daytime activities, evening events will be at the Capital Building, Wakulla Springs State Park and Tall Timbers Research Station. Field trips and workshops are Thursday and Sunday, with speakers and workshops on Friday and Saturday. You will be able to register for the days you choose. FNPS members of chapters in Northwest Florida will assist FNPS with the conference to promote the mission of FNPS.

OTHER NEWS AND EVENTS

● **March 21, 2015: Native Plant Day: An Earth Day Event, 9 a.m. – 1 p.m., John Pennekamp Coral Reef State Park.** The entrance fee is waived for event attendees. The park is at MM 102.5. For more information: 305-451-1202 or <http://www.floridastateparks.org/pennekamp/events.cfm>. Activities include a native plant giveaway, programs, plant identification, nature walks, children's activities and more.

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 cuttings of plants (especially flowering/fruitlet), even if they do not pertain to the topic. **March 17, 2015 topic: Spring wildflowers**

The 24th Annual Lecture Series: *The Delicate Balance of Nature 2015.* 7:30 p.m. - 8:30 p.m., John Pennekamp Coral Reef State Park, MM 102.5 Oceanside Overseas Highway. Gate opens at 7 p.m. Free, seating is limited. Info at 305-451-9570.
Mar. 11: Jellyfishing in a changing ocean - Dr. Vicki Martin, North Carolina State University,

Mar. 18: Nature got it right: everyday choices for home and body care

Mar. 25: The past, present, and future effects of ocean invaders: insights from exotic species on South Florida's coral reefs

Tropical Audubon Society. For info on TAS activities and conservation issues: <http://tropicalaudubon.org/tashome.html> or 305-667-7337. 5530 Sunset Dr., Miami, 33143.

• **Miami Pine Rocklands Coalition (MPRC).** Following ongoing attacks on imperiled Pine Rocklands, Tropical Audubon Society, concerned partners and neighbors banded together to create the MPRC to protect Pine Rockland remaining in Miami-Dade County. Sites of immediate concern are in the **Richmond Pineland Tract** next to Zoo Miami (land sold by University of Miami to RAM Corporation for Walmart, etc.; and Miami Wilds Park) and **Palmetto Bay Village Center.**

YOUR active support is greatly needed – participate at events, contact government officials, speak during the public comments time before specific County Commission meetings.

Read the monthly TAS newsletter on the home page to stay informed and learn how to take action. Scroll to the bottom to sign up for the email list. You can also join the MPRC Facebook group.

Friends of the Gifford Arboretum, University of Miami
April 2, 2015

The 27th Annual John C. Gifford Lecture

“Yes Bobby, Gardens and Arboreta are Relevant to the Molecular World!”

Dr. Dennis W. Stevenson, Vice President for Laboratory Research at the New York Botanical Garden

Living collections continue to not only be important to science, but their importance has never been greater.

7 p.m. in Cox Science Center, Room 145, Univ. of Miami
A reception will follow - Free and open to the public

Directions to the arboretum (adjacent to Cox):

www.bio.miami.edu/arboretum > visits or 305-284-1302.

Free parking in the Purple Lot, south end of the Arboretum.

Deering Estate at Cutler: Archeology Day, March 21, 2015, 10 a.m. to 4 p.m. Activities for the entire family, lectures and tours of the Estate's unique natural areas. Bring a picnic (no food available). In an era of rising sea levels, changing environments and increasing populations, Florida's Archaic People adapted to new technologies and new ways of life.
<http://www.deeringestate.org/pages/Archaeology-Day-Deering-Estate-.aspx>

Miami- Dade College Kendall Campus Environmental Center: “Do It Yourself Landscape Design” – Learn elements of landscape design to create a cost-effective and functional Florida Friendly Garden using native or exotic plants. 3/15/15 - 4/26/15. Info: <http://www.mdc.edu/ce/kendall/env/default.asp>, 305-237-0905 or skaufmal@mdc.edu for this and other classes.

Environmentally Endangered Lands Program Volunteer

Workdays. Help make a difference in protecting our natural areas. **Please pre-register** at EEL@MiamiDade.gov or call 305-372-6611. Info:

<http://www.miamidade.gov/environment/endangered-lands.asp>

Mar. 20: Goulds Pineland, SW 120 Ave. south of 224 St. (clean-up)

Apr. 4: Matheson Hammock, 9610 Old Cutler Rd. (planting)

The Institute for Regional Conservation.

• **Workshops will be presented in Palmetto Bay** in March, April and May on “The Coastal Palmetto Bay and Cutler Bay Habitat Restoration Project”, “Restoring the Link Between People and Nature”, and “Natives for Your Neighborhood”. Call 305-259-1234 or see

<http://regionalconservation.org/ircs/pdf/thalatta.pdf>.

• The new IRC report “**Vascular plant species of management concern in Everglades National Park**” released March 2, 2015, is available at <http://regionalconservation.org>. Click on Publications & Reports on the left.

	<p>The Key West Tropical Forest & Botanical Garden will be offering a Docent Training Class featuring botanist & native plant expert, Steve Woodmansee in March & April. Learn about local habitats, native species, endangered plants & invasive exotics. The 8 day course includes training at the Key West Garden & field trips to natural areas on Big Pine & Lower Matecumbe Keys. Session dates: March 13,14,20,21,27,28; April 3,4. Register at www.kwbgs.org or call 305-296-1504.</p>
<p>Key West Tropical Forest & Botanical Garden 5210 College Road, Stock Island 305-296-1504 - www.kwbgs.org</p>	
<p>Sponsored in part by the State of Florida, Department of State, Division of Cultural Affairs and the Florida Council on Arts and Culture</p>	
	

Everglades National Park Vintage Days, Saturday, March 7, 10 a.m. to 3 p.m., at Royal Palm. “Dreamers and Schemers who shaped the Everglades landscape.” Historical figures in costume, including botanist John Kunkel Small; tours and more. See <http://www.nps.gov/ever/planyourvisit/everglades-vintage-day.htm>

BOOK REVIEW

Everglades Wildflowers

By **Roger L. Hammer**

Paperback, 245 pages. *Falcon Guides* (2014)

\$24.95 ISBN No. 978-0-7627-8753-1

Review by Chuck McCartney

Since it was published in 2002, Roger Hammer's *Everglades Wildflowers* has been the gold standard for photographic wildflower guides for the southern half of Florida. Now comes his latest version of the guide, and if the first one was the gold standard, this one sets the platinum standard for such books for wildflower enthusiasts.

Although the book is billed as the “Second Edition,” that is somewhat of a misnomer. This is an entirely new book. It covers 364 species, compared to 306 in the first version, and it contains approximately 100 species not included in the 2002 volume. To accomplish this, Roger says he omitted most of the woody species from 2002, as well as deleting a few weedy ruderal species. To make even more room for the new species, he says he also shortened the introduction (which now contains just 10 habitat shots).

Even more amazing, except for three shots taken from slides that were used in the 2002 book, Roger reshot or shot for the first time all the other species in gorgeous, nicely detailed digital images. And he says he did all this in only six months by driving several thousand miles around the state.

And wait till you see the stunning photo chosen for the cover of the new volume. It focuses on a String Lily (*Crinum americanum*) in a prairie full of Yellowtops (*Flaveria linearis*) with a cypress dome in the background.

Although “Everglades” is part of the title, like its predecessor, this guide is equally useful in such South Florida natural areas as the Big Cypress, the Fakahatchee Strand, and Corkscrew Swamp.



The new book follows the same format as the previous volume. After the shortened introduction (which includes helpful line drawings by DD Dowden illustrating leaf types, flower parts, arrangement of inflorescences, etc.), the flowers are presented in color groupings (blue and purple, pink, red and orange, brown and green, and white), then are arranged alphabetically by botanical family, then genus, then species name within each color grouping.

***Sabatia calycina*, Coastal rosegeantian**

Besides the currently accepted botanical name, the discussion of individual species starts with a generally familiar common name, the wildflower’s plant family, and any well-known synonymous botanical name. The discussion that follows includes a description of the plant and flowers, the species’ bloom season, its habitat and range, and additional comments about the flower, a welcomed explanation of the derivation of the botanical name, taxonomic tidbits, and where appropriate, mention of some of the medicinal or folk usages for the plant.

The end of the book contains a glossary, a list of places to see native wildflowers and of nature-oriented organizations, a brief bibliography, a readable index (with a type size sufficient even for those of us with presbyopia), and a short biography of the author (including a photo of him standing knee-deep in swamp water during his photographic quest). As a useful bonus, the back cover includes a handy printed ruler calibrated in inches and millimeters/centimeters.

Because of his intense interest in our native and naturalized orchids, Roger expanded his coverage of that family. If there’s one tiny drawback to the book, it’s that some of these added species are considered extirpated in the state or are so rare that no one has seen them in decades, and his photos of them are from cultivated non-native sources, including *Brassia caudata*, *Bulbophyllum pachyrachis*, *Lepanthopsis melanantha*, *Trichocentrum carthagenense* and *Vanilla dilloniana*. Of course, the argument could be made that the inclusion of such photos gives wildflower explorers a “search image,” should they ever encounter these “lost” species in the state. Also, some other species thought to have been lost *have* been rediscovered, including *Cyclopogon elatus*, *Pelexia adnata* and *Cranichis muscosa*.

Another minor flaw is that the naturalized non-native species are not easily discerned. The reader must find this out at the end of the “Habitat/Range” discussion. Other such wildflower guides often flag these exotic species in some way early on to make this non-native status immediately recognizable to the reader, perhaps with an asterisk or some other symbol.

Chuck McCartney is a former editor of the American Orchid Society's AOS Bulletin and the Awards Quarterly and was a copy editor with The Miami Herald's Broward Edition, before retiring in 2009. He writes extensively about wildflowers and orchids for numerous publications and is a member of FNPS.

PRICELESS PIECES

By Jennifer Possley

[The following is reprinted from Fairchild Tropical Botanic Garden's magazine, The Tropical Garden, Winter 2015, with permission from the editor.]

Any visit to one of Miami-Dade County’s pine rockland preserves is full of unforgettable treats, from the sight of lopsided Indian grass flower spikes nodding slowly in a September breeze, to the trills of Eastern towhees calling to one another across the palmettos. Unfortunately, almost 99% of Miami’s pine rocklands have been lost to development, a phenomenon which still continues today in this globally critically imperiled plant community.

The near-total destruction of Miami’s pine rocklands over the past century has happened with relative ease, thanks in part to a persistent myth that “disturbed” pine rocklands are biologically worthless. Neglected tracts are seen as eyesores or simply as “empty.” But most of the plants and animals that call pine rocklands home— including 9 federally listed species— can still live out their lives in our imperfect urban forests. With pine rockland habitat becoming increasingly rare, disturbed pieces are more valuable now than ever before.

How do we save these pieces? The first step is to recognize them. The textbook definition of a pine rockland includes a pine tree canopy, a palmetto mid-story, a rich mix of grasses and herbs in the understory, and limestone outcroppings. But Miami has an abundance of disturbed pinelands that are not so by-the-book and are thus harder to recognize.

There are two major types of disturbed pine rocklands. First are

scraped areas where heavy equipment was used decades ago to scrape away vegetation and jagged limestone. These often look like old fields and can be found under power lines, alongside railroad tracks or canals, or in vacant lots. Many of these scraped areas likely will never again support saw palmetto, pine rockland's most common shrub species. However, because pine rocklands hold most of their plant diversity in the understory—over 300 species—the loss of one species is not catastrophic. The majority of the diversity that make pine rocklands special are still in fact present in scraped pinelands, even including some of the rarest plants like deltoid spurge or Carter's sand flax. In fact, in today's reality where frequently burned pinelands are so rare, these long-ago scraped pinelands can be important refugia for flora and fauna that require sunny, open habitat.



Florida endangered man-in-the-ground (*Ipomoea microdactyla*) grows amongst native grasses and sedges in a scraped area of the Richmond pine rocklands, photo: J. Possley.

The second type of disturbed pine rocklands includes those that are **fire-suppressed**. Pine rocklands are dependent on and thrive with fire, after several years without fire, a parcel can begin to transition to a

hardwood-dominated forest or to a stand of exotic plants such as Burma reed or Brazilian pepper. But fire-suppressed parcels are far from doomed. Like scraped pinelands, they also provide critical habitat for native plants and animals. Some understory plant species can persist for decades without fire (though they will rarely reproduce). Even dense weeds can be conquered, and the combination of chainsaws and fire can release the soil seed bank and diverse herbaceous layer from the smothering pressure of overgrown hardwoods. When partners like the County's Natural Areas Management Division, the Florida Forest Service, and/or The Institute for Regional Conservation (IRC) work together to remove exotic vegetation and reintroduce fire to a preserve, a pine rockland can be reborn, seemingly overnight, through a process known as ecological restoration. In short, fire-suppressed pine rocklands can almost always make a complete recovery.

It should be noted that, even without restoration, disturbed pine rocklands of both types have high intrinsic value. Native "weeds" such as Spanish needle are vital nectar sources for pollinators, and dense forest growth provides cover and sustenance for animals such as foxes, marsh rabbits, gopher tortoises, birds, and beneficial insects. Disturbed pine rocklands can and do provide habitat for federally endangered species like the Florida bonneted bat and Bartram's hairstreak butterfly.

It is not just wildlife that can reap the benefits of disturbed pine rocklands; humans need these areas, too. Even a disturbed forest will do a fine job of absorbing carbon dioxide, producing oxygen, and replenishing our aquifer. On a less tangible level,

wild areas within our city remind us that there is a natural world out there and we are part of it. Increasingly, research suggests that exposure to nature is important for our physical and mental well-being, perhaps especially for children.

With so few pieces of pine rockland left in Miami, it is not always clear how to see them for yourself or how to help preserve them. Step one is simply to become aware of remaining wild lands near your home and work. On the next level, you may wish to volunteer with IRC or our county's excellent Environmentally Endangered Lands program, or perhaps plant a Connect to Protect Network garden. By building awareness and debunking the myths, we can encourage Miami's residents, legislators, and developers to save what is left. After all, in an area with so little nature left, every piece is priceless.

Thank you to Steve Woodmansee for helpful suggestions in this article, and to Bruce Greer for suggesting the topic. To learn more about programs mentioned in the last paragraph, contact lnieratka@regionalconservation.org for IRC, eel@miamidadade.gov for County volunteer workdays, or dpowell@fairchildgarden.org for the Connect to Protect Network.

Jennifer is a field biologist at Fairchild and a member of FNPS. She maps and monitors the rare flora of Miami-Dade County and researches the effects of vegetation management. See her recent article for FNPS on fern conservation in the Palmetto, 2014, Vol. 31, Number 2.

DADE CHAPTER FLORIDA NATIVE PLANT SOCIETY

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Membership: Patty Phares (pphares@mindspring.com, 305-255-6404)

General chapter information: 305-985-3677 (new number)
Facebook: <http://www.facebook.com/dadefnps>
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TILLANDSIA

Editor: Patty Phares (pphares@mindspring.com, 305-255-6404)
Assistant editor: vacant – please join the team!

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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FNPS is on Facebook and Twitter: FNPSonline
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