



Tillandsia

Newsletter of the Dade Chapter Florida Native Plant Society
For Miami-Dade County and the Florida Keys
*Promoting the preservation, conservation, and restoration
of the native plants and native plant communities of Florida.*



SEPTEMBER 2024

Chapter calendar:

See <https://dade.fnpschapters.org/events/> for Dade Chapter and Broward Chapter activities

Sept. 24: DCFNPS meeting, Pinecrest Gardens

Sept. 29: Tour at the UM Gifford Arboretum

Article: “Plant of the Month: Balloonvine” from our online store

News from the Chapter and FNPS

Other activities of interest: Native Plant Workshop, IRC volunteer activities, EEL Program Volunteer days, Coastal Cleanup Day, Pine Rockland Working Group Conference

Online chapter plant store: <https://store.dade.fnpschapters.org/>

DADE CHAPTER MONTHLY MEETING

Tuesday, September 24, 2024, 7:30 PM

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

Free and open to all

“Will rising temperatures make Miami’s street life even more exotic?”

Dr. Kenneth J. Feeley - Department of Biology, University of Miami

Urban trees provide many valuable services such as shade, heat mitigation, and reduction of air pollution. Unfortunately, climate change is increasing the magnitude and frequency of high temperatures, which may lead to increasing heat stress for many of Miami’s street trees. We assessed how Miami’s urban tree community will be impacted by rising temperatures and how impacts will differ between native and exotic tree species. Specifically, we estimated the maximum tolerable temperatures for over 200 of Miami’s most important street tree species and compared these thermal tolerances to the temperatures predicted for Miami under different warming scenarios. We found that by 2100, Miami will be too hot for 18-43% of Miami’s street tree species, depending on the climate change scenario. Making matters worse, native tree species (for example, live oaks and cabbage palms) are more likely to become ‘overheated’ than are



exotic tree species (for example, banyan and royal flamboyant trees), likely because most of Miami’s exotic species are ‘tropical’ while many of its native species are subtropical or temperate. In addition to heat tolerances, we also looked at each species’ drought, wind, and salt tolerances to identify the species that are resilient to multiple stressors. Luckily, the species that are more resilient to multiple stressors does include many native species, several of which are ideal shade trees (for example, Mahogany). Urban greening initiatives should carefully consider the effects of rising temperatures to optimize the long-term health of Miami’s urban tree communities and the many important services that they provide.

Dr. Kenneth J. Feeley is the Smathers Professor of Tropical Ecology in the University of Miami's Department of Biology. He is also the Director of UM's John C. Gifford Arboretum and a Conservation Scientist at the Fairchild Tropical Botanic Garden in Coral Gables, Florida, USA. Prior to joining the Faculty at the University of Miami, Dr. Feeley was a professor at Florida International University. He conducted postdoctoral research fellowships at Harvard University and Wake Forest University, and he received his PhD from Duke University. Dr. Feeley has published more than 170 scientific articles about the effects of climate change and other human disturbances on tropical forests around the world. Dr. Feeley is a Fulbright International Scholar and a National Geographic Explorer.

- **Come early or stay late to enjoy coffee (new this month!),** socialize and browse the **merchandise** and **raffle**. (Stay tuned for details on resuming our full refreshment table in a later month.) The raffle follows the program.
- **Raffle contributions.** Thank you for your native plants, plant-related books, etc.! **PLEASE LABEL EACH PLANT** with at least the **common name written on paper, tape or stake** (more info is welcome).
- **Online viewing:** Live-streamed and recorded on **YouTube**. www.youtube.com/channel/UCmassuC5-OsAX2KsRYQ6X5A
You will see only the computer-based portions of the meeting. Chat will be enabled.
- **Past presentations:** Use the **YouTube** link above or from DadeFNPS.org. **Click Videos** or **Live** for all available recordings including

the June program, “*From Bunkers to Butterflies – Zoo Miami’s Role in Invertebrate Conservation*” by Tiffany Moore, Zoo Miami.

• **Questions?** Email DadeFNPS@gmail.com, text 305-985-3677

• **October 22 program:** “*The Underline’s Green Corridor--Connecting Humans, Habitat, and Wildlife*” - Asha Bertsch; Horticulturist at The Underline

FIELD TRIP: Tour of the Gifford Arboretum

Sunday, September 29, 2024

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

Enjoy an easy and informative walk in the Gifford Arboretum at the University of Miami Coral Gables campus. **Arboretum Director Dr. Ken Feeley** will show us a selection of trees and shrubs (native and exotic), including some mentioned in his presentation to DCFNPS on September 24. We may visit some plots dedicated to particular orders or families where there are tropical and subtropical species from around the world. We may see familial similarity in the natives and non-natives, or we may wonder how such different plants can be related!

There is plenty to be learned, **whether you are considering plants for your home garden, or you just like to learn about plants.**

Bring: Water and sun protection, though shade is close by. Mosquito protection may be good, too. We can tour in a light rain, so bring an umbrella if needed.

Notes: Friends and family are welcome, but please leave pets at home. (Our field trips are always pet-free, but you can come back on your own with well-behaved leashed dogs, as allowed by the arboretum.)

DADE CHAPTER and FNPS NEWS

Welcome new Dade Chapter members! Jan Pye and Silvia Escobar, Elizabeth Juhasz, Natalie Roque, Crystal Andrew Fernandez, Ashley Polster, Doug Garber, Melissa Maurer, Amanda Joffe, Amber Sime, Elizabeth Battaglia, Kenneth Wenning, Nicole McCauley, Marion Lang, Casaplanta Garden Center (Daniel Rodriguez), Kyra Wells, Angel and Mariel Luna Abreu, and Jennie Nowak (Keys member).

Thank you to all who renewed recently. Your ongoing support and interest are greatly appreciated.

Special thanks to **Casaplanta Garden Center** in Kendall for joining at the Business level. Botanist and General Manager Daniel Rodriguez says they carry some natives now but would like to expand their selection and promote natives. Their landscape team also uses natives. See <https://www.casaplantamiami.com/> for more information.

Dade Chapter’s Online Plant Store (<https://store.dade.fnpschapters.org/>) is growing with new species and replenished inventory. Inventory changes weekly, so check the site often. There are new species, representing more habitats. **See the “Plant of the Month” article below.**

Native Plant Day 2025: RESCHEDULED TO MARCH 22 due to unforeseen conflicts, but we’re still at the wonderful Castellow Hammock Preserve and Nature Center. Please spread the word of the update and mark your 2025 calendar.

FNPS:

• See the **July-August *Sabal minor*** at <https://www.fnps.org/resources/sabalminor>. Recipients of the FNPS grant awards will be announced in the upcoming *Sabal minor*.

• **2024 Annual meeting on July 21:** listen to the recording [here](#). (Tip: You might need to plug in ear phones to hear sound after the first speaker.)

• **FNPS Position on Monarchs and Milkweeds.** This will be of interest if you have followed discussions concerning planting milkweeds (exotic and native) and the threat to monarch butterflies from the protozoan parasite “OE.”

OTHER NEWS and ACTIVITIES

Dade Native Plant Workshop, Sept. 17, 5 p.m. See <https://nativeplantworkshop.ning.com/>. Now back at Miami Dade College Kendall Campus. **Topic:** the genus *Solidago* (goldenrods). Old hands and new learners are encouraged to come!

The Institute for Regional Conservation (IRC) coastal and pineland volunteer activities

See the [IRC events page](#) for details and signup (scroll down to each event). This is a great way to learn, help native ecosystems, serve your community, and gain community service hours!

• **Sept. 13, 10 a.m.:** Coastal Conservation Workshop - Guided Nature Tour and BioBlitz, North Beach Oceanside Park, Miami Beach. A fun and informative event open to **all ages**. Co-hosted by Miami Beach Botanical Garden.

• **Sept. 14, 9 a.m.:** Ecological Restoration Volunteer Day - South Pointe Park, Miami Beach

• **Sept. 14, 9 a.m.:** Ecological Restoration Volunteer Day - Palmetto Bay Park Pineland Preserve, Village of Palmetto Bay. **Family friendly!**

• **Sept. 28, 9 a.m.:** Ecological Restoration Volunteer Day - South Beach Park, Boca Raton

Environmentally Endangered Lands Program Volunteer days. 9 a.m.-noon. <https://mdc-eel-program-mdc.hub.arcgis.com/>

Questions: 305-372-6687, eel@miamidade.gov

- **Sept. 21:** International Coastal Clean Up at Matheson, Deering North, John Farina Preserve ([North Miami Bch.](#)), Crandon Park
- **Oct. 5:** Larry and Penny Thompson Pineland – Habitat restoration and tree planting

2024 International Coastal Cleanup. <https://volunteercleanup.org/miami-coastal-cleanup-day/>. Besides the important events at Miami-Dade County EEL sites above, there are many more from Homestead to Aventura. “Coastal” includes waterways connected to Biscayne Bay that are sources of marine debris. (The map is not totally accurate – read the addresses!)

Pine Rockland Working Group, October 28-30, 2024. See <https://www.pinerocklandworkinggroup.org/home>. Registration is open and free! Learn about the latest research and conservation efforts. Network with fellow biologists, activists, educators, and concerned citizens. Participate in engaging discussions about the future of pine rocklands.

DCFNPS Native Plant store “Plant of the Month”: Balloonvine

Balloonvine (*Cardiospermum corindum*) is an attractive perennial vine with unusual inflated seed pods with papery walls resembling Chinese lanterns or balloons. It blooms almost year-round with clusters of ¼ to ½ inch wide, white flowers, which can attract various insects. Its native habitat is mainly coastal hammock edges in the Monroe County Keys, but it also does well in inland gardens in a sunny location. It attaches by tendrils, and the stems can reach 10 feet or more in length. It is fast-growing and may become aggressive, requiring trimming.



This interesting vine is a host plant for the Silver-banded Hairstreak, found in the extreme southern Florida mainland and northern Florida Keys. According to the [Florida Museum](#): “Female butterflies lay eggs on young fruit. The resulting larvae then chew through the vine’s distinctive inflated balloon-like capsules, and feed on the developing seeds inside where their presence often goes unnoticed.” It is also an occasional host plant for the [Gray hairstreak](#), and was formerly thought to be a host for the endangered Miami Blue butterfly, which, sadly, might now be extinct in Florida (Linda Evans, Miami Blue NABA, personal communication, September 5, 2024).

For availability of Balloonvine in the DCFNPS Online Store, see <https://store.dade.fnpschapters.org/>

Photo copyright by: Roger Hammer

DCFNPS TREASURER’S REPORT Dade Chapter FNPS - Year Ending June 30, 2024

This year our main source of income was again from donations. On Give Miami Day 2023, members and friends generously contributed \$2996, and the Miami Foundation made bonus matches for a total of \$5,134. Additionally, plants and items donated for sales and raffles at meetings and Native Plant Day contributed greatly to meeting and Native Plant Day income. **Thank you to all who donated so many wonderful plants which support the chapter as well as native plant gardens.** Membership dues continue to be our other main source of income. Thank you to Business and Not-For-Profit and Life members for their added support. (Note: Income from the early months of the new online plant store was not deposited until after the end of the fiscal year.)

The chapter again donated \$1500 to FNPS for Conservation Grants honoring chapter founders, the late Don and Joyce Gann. Educational activities (meetings and Native Plant Day) are the other main expenses.

The balance of the bequest from the estate of longtime member Dr. Robert Kelley received in 2008 remains in reserve for special expenses rather than ongoing needs and are not listed with our regular income.

Susan Walcutt, Treasurer DCFNPS, walcutts@bellsouth.net

DCFNPS Profit & Loss July 2023-June 2024

Income

Donations	\$5,499
Monthly Meetings	1,035
Native Plant Day	1,932
Membership Dues	3,978
Miscellaneous	<u>1,263</u>
Total Income	13,707

Expense

Administration	1,647
Conservation	115
Education	5,295
Merchandise for Sale	<u>146</u>
Total Expense	<u>7,203</u>

NET PROFIT (LOSS) \$6,504

NEWS FROM THE DADE CHAPTER BOARD

Message from the Chapter President

I'd like to share some recent activities of the chapter and accomplishments of your Board of Directors (BOD).

- The BOD met on August 24th and with Treasurer Susan Walcutt's help, we passed our FY2024 annual budget. We budgeted some money for many things, but most importantly, to buy coffee and a coffee pot for our monthly meetings. Vice President Karina Gomez and her husband Sergio are spearheading the return of refreshments to monthly meetings.

- The online plant store led by Directors Charlie Reverte, Raul Moas and Joey Basna, along with member Giselle Jordan, has sold over 400 plants.

- The Education and Outreach Committee had a successful display at Community Day in June at the USDA's Chapman Field. See <https://www.instagram.com/dadefnps/> for pictures (this and other events and field trips). Thank you to Mary Rose, who has joined this committee!

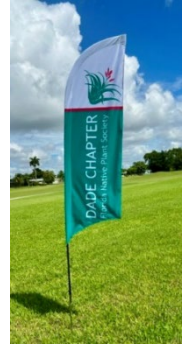
- Director Jeanne Rothchild facilitated the donation of a 10x10' tent by Home Depot and the purchase of a new feather flag for use at events.

- DCFNPS has standardized its logo thanks to VP Karina, who also is our Communications and Social Media chair. On our Social Media, you will see eye-catching announcements she has created. Karina also created an easy webpage on "LinkTree" (<https://linktr.ee/dcfnps>) to easily access much of the Dade Chapter's and FNPS's Social Media and other resources. This is useful to share with new and potential members.

- Director Joey is planning a display garden, details are coming soon.

- Riki Bonnema is recording volunteer hours, so please keep track of your time and await for instructions. These hours are valuable to the state FNPS in obtaining grant funding.

- Gwen Burzycki resigned from the BOD and the Education and Outreach Committee, as life was just getting too busy for her. She will still assist us with Give Miami Day and other ways. Thank you Gwen!



We still need help from more members, and you can gain leadership experience! Please contact me (smwood@bellsouth.net) if you would like to know more or consider:

- **Director at Large.** It will require your time and board meeting attendance, but don't be daunted. We do great things!
- **Education and Outreach Committee chair:** If you like people, have a winning smile and can coordinate participation at occasional community events.
- **Field Trip Committee chair:** You don't have to be a plant expert but will coordinate input of other committee members, including myself.

Standing committees to be addressed in upcoming months are **The Keys Branch, Advocacy, and Membership.**

Any member is welcome to serve on our committees. Please contact me or a known committee chair at a meeting or via DadeFNPS@gmail.com to become an active part of our team.

Your Board of Directors is meeting again on November 3rd, 2024.

It is an honor to serve.

Steve Woodmansee, President (smwood@bellsouth.net)

Social Media and Communications Committee: Call out for volunteers to join

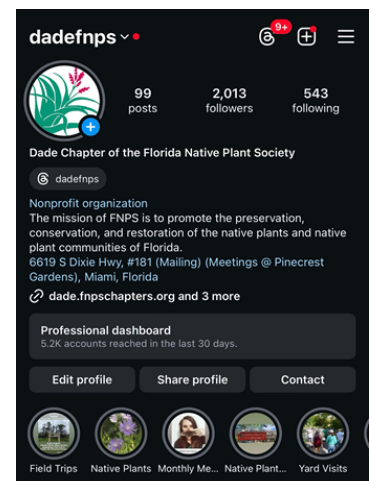
This committee is for you if you have experience in content creation, graphic arts, social media platforms, website development, outreach and education, photography, and good communication skills. Your knowledge is welcome! If you're interested in volunteering your time and creativity to support this committee, please message Karina Gomez (Chapter VP and committee chair) at kmgxoxo@me.com or text/call 305.490.1677. Thank you!

FOLLOW US ON SOCIAL MEDIA

The best way to stay up to date on all things DCFNPS is to follow us on social media! Every week we spotlight Florida native plants, details about our upcoming field trips, garden tours, special events, our amazing lineup of monthly speakers at Pinecrest Gardens; reposts of "Taxa Tuesday" where FNPS chooses a Florida native plant species, genus, or family to highlight and describe; and our new "Native Plant of the Month" where we highlight a plant from our "Native Plants Online Store"; and so much more!

You can also follow our socials where we share event photos, videos, and information about what we're doing to help the preservation, conservation, and restoration efforts throughout Miami-Dade County.

So, if you haven't already, follow us on [Facebook](#), [Instagram](#), [YouTube](#), and [X](#). Don't forget to check out the [DadeFNPS website](#) and our new [Native Plant Online Store!](#)



Recent events: (Left) Field trip to the pine rockland at the US Coast Guard Richmond Communications Station, July 20. Thanks to Megan Clouser of the USCG and Steve Woodmansee for leading this trip, and to Karina Gomez for the photo collage. **(Right) Community Day, June 29 at the USDA's Chapman Field.**



THANK YOU TO OUR BUSINESS AND NON-PROFIT MEMBERS
and other businesses who support FNPS and DCFNPS at a higher level.

Their interest in native plants and extra financial support are much appreciated and helpful to the mission of FNPS and the chapter. They also promote FNPS and may contribute in other ways through event participation, presentations, articles, field trips, donations and more. Thank you from all of us!

- Casaplanta Garden Center (new FNPS member) <https://www.casaplantamiami.com/>
- Curtis & Rogers Design Studio, Inc. www.curtisrogers.com/
- Everglades Nursery www.plantant.com/nursery-availability/1010497/everglades-nursery-brokers-inc
- Green Explorers Academy greenexplorersacademy.com/
- Institute for Regional Conservation www.regionalconservation.org/
- Key West Tropical Forest & Botanical Gardens www.keywest.garden/
- LandscapeDE www.landscapede.com/
- NaMa Native Landscapes www.namaprojects.com/
- Native Tree Nursery www.nativetreenursery.com/
- Santos Padron Group, Pond & Gardening pondandgardening.odoo.com/
- Smarty Plants Nursery smartyplantsnursery.com/
- Susan Casey (Casey's Corner Nursery) www.plantrealflorida.org/professionals/detail/16
- Taylor Schwartz Design tylerschwartzdesign.com/

Dade Chapter Florida Native Plant Society - For Miami-Dade and the Florida Keys
Chapter communication: DadeFNPS@gmail.com, 305-985-3677, www.DadeFNPS.org/
Mail: Dade Chapter FNPS, 6619 S. Dixie Hwy, #181, Miami FL 33143-7919

Board members and team members:

President: Steve Woodmansee **Vice-President:** Karina Gomez **Secretary:** Lydia Cuni **Treasurer:** Susan Walcutt
At Large: Joey Basna, Riki Bonnema, Raul Moas, Charlie Reverte, Jeanne Rothchild **Past President:** Brian Diaz
FNPS Council of Chapters representative: Riki Bonnema

Newsletter editor: Patty Phares **Mail Chimp communications:** Lydia Cuni **Social Media:** Karina Gomez
Webmaster: Haniel Pulido Jr., dadefnpsweb@gmail.com

Tillandsia Newsletter

Please contact the editor if you might like to join the *Tillandsia* staff.

Articles, announcements and news items are invited for *Tillandsia* from Dade and Keys members. Advertising rates from \$12 per month.

Florida Native Plant Society: FNPS communication: info@fnps.org, 321-271-6702, <http://www.fnps.org>
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