



THE CALOOSAHATCHEE BROMELIAD SOCIETY'S

MERISTEM

July-Aug 2019



T. dyeriana

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CALOOSAHATCHEE BROMELIAD SOCIETY OFFICERS

EXECUTIVE COMMITTEE

PRESIDENT— Cate Peterson (941) 505-1554 (cpeters3606@yahoo.com)

Past— PRESIDENT— Carol Sweat 239-980-8047 casweat@comcast.net

Vice-PRESIDENT— Dale Kammerlohr 863-558-0647 (dzdaze@embarqmail.com)

Co-SECRETARY— Daniel Hale 239-410-7990 (DanKeithHale30@gmail.com)

Co-SECRETARY—Pete Diamond 704-213-7601 (Lygodium63@hotmail.com)

TREASURER—Betty Ann Prevatt 334-0242 (bprevattpcc@aol.com)

STANDING COMMITTEES CHAIRPERSONS

NEWSLETTER EDITOR—Larry Giroux 239-850-4048 (DrLarry@comcast.net)

NEWSLETTER CO-EDITOR— Carly Pfalz 239-850-2669 cpfalz@edisonfordwintestates.org

FALL SALES CHAIRS—Brian Weber 941-256-4405 (brianweber1b@aol.com)

PROGRAM CHAIRPERSON—Carly Pfalz 239-850-2669 cpfalz@edisonfordwintestates.org

WORKSHOP CHAIRPERSON—Tm Cowell 732-735-0121 njtom732@gmail.com

SPECIAL PROJECTS— Carly Sushil 239-850-2669 cpfalz@edisonfordwintestates.org

CBS FCBS Rep.—Vicky Chirside 941-493-5825 (dampearth@me.com)

CBS FCBS Rep.—Pete Diamond 704-213-7601 (Lygodium63@hotmail.com)

OTHER COMMITTEES

AUDIO/VISUAL SETUP—Bob Lura, Terri Lazar, Vicky Chirside, Larry Giroux

DOOR PRIZE—Bill Sheffield 239) 333-9890 (yardbird@netscape.com) & membership

HOSPITALITY—Mary McKenzie 239-246 4754

SPECIAL HOSPITALITY—Betsy Burdette 694-4738 (betsy@burdetteinc.com)

RAFFLE TICKETS—Greeter/Membership table volunteers—Dolly Dalton, Luli Westra

RAFFLE COMMENTARY—Larry Giroux

GREETERS/ATTENDANCE—Betty Ann Prevatt; Dolly Dalton (dollyd@comcast.net), Luli Westra

SHOW & TELL—Dale Kammerlohr 863-558-0647

FM-LEE GARDEN COUNCIL—Mary McKenzie 239-246-4754;

Sharalee Dias (239) 220-9189 (mrsthimble@aol.com)

LIBRARIAN—Carol Sweat 239-980-8047

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THE CALOOSAHATCHEE BROMELIAD SOCIETY

July Meeting— Sunday, July 21st
August Meeting-- Sunday, Aug 18th

**Our Meetings are at the Ft. Myers— Lee
County Garden Council Building
2166 Virginia Ave. Fort Myers.**

It is north of the Edison Gardens parking lot and about 1/2 miles north of our previous meeting location— Covenant Presbyterian Church. Virginia Ave is approximately 3 miles north of the intersection of Colonial Blvd. and McGregor Blvd. and is the 2nd Street north of the Edison Gardens

Doors open at 12:30 PM for room setup

Workshop 1:15PM

Program approx. 2 PM

**Please bring food, Friendship plants, Raffle &
Show and Tell Items.**

Renewal fees are \$15/20 single/dual;

New member dues: \$20/25, single/dual.

Membership Sales are permitted

at the May Meeting

Membership Sales are permitted

at the August Meeting (this may change)

The Caloosahatchee Bromeliad Society is an active Affiliate of:



Cryptanthus Society



BSI



FCBS



FM/LC GC

**July Program: “Insecticides and Soil Issues”
By Bob Cook**

Bob Cook has been a Sales Consultant with Southern Agricultural Insecticides, Inc. for 14 years. Besides visiting nurseries, garden centers and farms to provide fertilizers, insecticides and soils, he holds classes for individuals to pass state and federal tests in the fields of agriculture. Bob has been awarded the Wendall E. Butler Award by the Florida Nursery Growers Landscape Association. This is the most prestigious award offered by the FNGLA and recognizes Bob Cook for his leadership, contributions and interest in the advancement of the association and the industry. He will be talking to us about insecticides and soil issues. Bring your questions concerning these issues to this meeting for professional’s answers. We can also quiz him about the new ban on fertilizers in parts of Lee and Collier Counties.

CBS Workshops

**July Workshop
“Weirdo Bromeliads” By Carly Pfalz**

For more than 13 million years the *Family* of Bromeliads has evolved into an exceptional group of variable plants. They have adapted into so many different forms, shapes, colors, patterns, etc. to fill nearly every niche in nature. In doing this, some weird and bizarre organisms are now part of the flora.

Carly Pfalz will be showing us some of these unusual creations of nature. If you think you have something weird in your collection, bring it in for this Workshop or for Show and Tell. This time we can all have a good laugh at Nature’s expense rather than distressing over the usual disasters Nature throws at us!

November Open-house The Buckingham Estates

Maybe we won't or maybe we will be lounging by the Orange River, drinking Mint Juleps under the Spanish moss draped trees on November 2nd, but, nevertheless, it is being offered to us.

Buckingham home owners and CBS members, the Kammerlohns, the Burdettes and the Pfalzs are opening up their homes and gardens to tours this Fall.

Betsy and Bill Burdette have been restoring their home for nearly 2 years. We all remember the beautiful setting on the river from the numerous parties they have hosted for nearly 30 years. The views haven't changes because of Irma, just the arrangement of things.

Dale Kammerlohr and his family have been working hard since they purchased the old Sam and Hattie Lou Smith Estate and the adjacent property. Dale has augmented the decades of growing bromeliads, orchids and other tropical plants first collected and established on the property by the Smiths.

It has been a few years since we have had a party at Carly Pfalz home off of Buckingham Road. Even then she had managed to flood her yard with plants producing a miniature Jungle.

Further details, directions and schedules will be posted as the time draws near, but keep this date open for a fun day in Buckingham.

A New THANK YOU to Debbie McPhail for volunteering her home for the June Florida Council of Bromeliad Societies' meeting. Over 20 Representatives and guests of the FCBS attended this event. A lot was discussed and Vicky Chirnside, FCBS Rep, will be telling you about it soon. Thanks to all who helped to organize CBS's participation.

Front Cover: In this issue we discuss the 2016 publication "11 New Genera In Tillandsioideae" by Barfuss et al. *Tillandsia dyeriana* (, which maybe a difficult plant to grow, but is still a common plant to see in collections, is one of the 57 previous *Tillandsias* and *Vrieseas*, which have been moved to new *Genera*. Included here in this issue is a table outlining the changes and I've included pictures of a few of those plants that are likely to be in some of our collections. **Back cover:** Ad for the upcoming Florida Council of Bromeliad Societies' Extravaganza to be held in Orlando, FL, September 20-21, 2019. E-registration forms for the hotel, conference and vendor forms will be sent to members with this newsletter. Copies will be available at the meeting.

Nomenclature Changes

By Larry Giroux

In the last issue of the Meristem, I discussed and showed you the major changes, which Elton Leme et al made in the *Genus: Cryptanthus*, i.e. adding three new *Genera* and transferring dozens of *Species* into these new *Genera*. In 2016, Barfuss et al using similar criteria as Leme (DNA data, morphological similarities, etc.), added 11 new *Genera* to the *Sub-family Tillandsioideae* and moved 57 *Tillandsia* and *Vriesea* species to new or other *Genera*. Included here is a table detailing these changes as well as pictures of some of the more common *Species* that might be in our collections. Although it may be years before these changes are accepted by horticulturalist, it wouldn't hurt to start by adding the changes to your labels and records (probably keep both for reference). This will make everything easier where correct identification is more critical, such as at shows, sales, in the literature and on the internet.

Thanks to Derek Butcher, Eric Gouda and Rick Richtmyer for providing this information.



Tillandsia

grandis =

Pseudalcantarea

grandis

Source of photo: <https://commons.wikimedia.org/w/index.php?curid=6095664>

11 NEW GENERA IN TILLANDSIOIDEAE - BARFUSS ET AL - 2016 - PART 2b

agr rev. 9-03-2018

OLD GENUS	NEW GENUS	SPECIES	SPECIES NAMES
Mezobromelia	Gregbrownia	4	<i>brownii</i> , <i>fulgens</i> , <i>hutchisonii</i> , <i>lymansmithii</i>
Tillandsia	Barfussia	3	<i>laxissima</i> , <i>laxissima</i> var. <i>moorei</i> , <i>platyrhachis</i> , <i>wagneriana</i>
Tillandsia	Josemania	5	<i>asplundii</i> , <i>delicatula</i> , <i>pinnata</i> , <i>singularis</i> , <i>truncata</i> , <i>truncata</i> var. <i>major</i>
Tillandsia	Lemeltonia	7	<i>acosta-salisii</i> , <i>cornuta</i> , <i>dadsonii</i> , <i>monadelpha</i> , <i>narthecioides</i> , <i>scaligera</i> , <i>triglochinoidea</i>
Tillandsia	Psuedalcantarea	3	<i>grandis</i> , <i>macropetala</i> , <i>viridiflora</i>
Tillandsia	Wallisia	4	<i>anceps</i> , <i>cyanea</i> , <i>lindeniana</i> (new, was <i>umbellata</i>), x <i>duvalii</i> treat as "Duvallii", <i>pretiosa</i>
Vriesea	Goudea	2	<i>chrysostachys</i> , <i>chrysostachys</i> var. <i>stenophylla</i> , <i>ospinae</i> , <i>ospinae</i> var. <i>gruberi</i>
Vriesea	Jagrantia	1	<i>monstrum</i>
Vriesea	Lutheria	4	<i>bi-beatrix</i> , <i>glutinosa</i> , <i>soderstromii</i> , <i>splendens</i> , s. var. <i>chlorostachya</i> , s. var. <i>formosa</i> , s. var. <i>oinochroma</i> s. var. <i>stratifolia</i>
Vriesea	Stigmatodon	18	<i>amadoi</i> , <i>apparicianus</i> , <i>belloi</i> , <i>bifidus</i> , <i>brassicoides</i> , <i>castae</i> , <i>croceanus</i> , <i>euclidianus</i> , <i>fontellanus</i> , <i>funebis</i> , <i>gastinianus</i> , <i>goniorachis</i> , <i>harrylutheri</i> , <i>magnibracteatus</i> , <i>multifolius</i> , <i>plurifolius</i> , <i>rosulatus</i> , <i>sanctateresensis</i>
Vriesea	Zizkaea	1	<i>tuerckheimii</i>

SPECIES TRANSFERRED TO AN EXISTING GENUS

OLD GENUS	NEW GENUS	SPECIES	SPECIES NAMES
Tillandsia	Racinaea	3	<i>dyeriana</i> , <i>hamaleana</i> , <i>venusta</i>
Vriesea	Tillandsia	2	<i>heliconioides</i> , <i>malzinei</i>

REFERENCES:

MICHAEL H.J. BARFUSS, WALTER TILL, ELTON M.C. LEME, JUAN P. PINZÓN, JOSÉ M. MANZANARES, HEIDEMARIE HALBRITTER, ROSABELLE SAMUEL, GREGORY K. BROWN

Taxonomic revision of Bromeliaceae subfam. Tillandsioideae based on a multi-locus DNA sequence phylogeny and morphology

<http://dx.doi.org/10.11646/phytotaxa.279.1.1>

Butcher, Derek, Derek the Hybrid Detective DD0217 DNA/New genera; <http://www.bromeliad.org.au/news/DD0217.htm>

Derek Butcher and Eric Gouda; the 'Taxon List'; <http://botu07.bio.uu.nl/bcg/taxonList.php?getCSV>



Tillandsia wagneriana=
Barfussia wagneriana

From:
Illawarra Bromeliad Society
NEWSLINK April 2011



Tillandsia dodsonii =
Lemeltonia dodsonii
Photo by Dorothy Berg



Tillandsia cyanea=
Wallisia cyanea
Photo by Larry Giroux

Vriesea ospinae v. gruberi=
Goudaea ospinae v. gruberi



[https://
commons.wikimedia.org/w/
index.php?curid=51571](https://commons.wikimedia.org/w/index.php?curid=51571)

Vriesea heliconioides=

Tillandsia heliconioides

https://en.wikipedia.org/wiki/Vriesea_heliconioides



Vriesea ospinae=

Goudaea ospinae

https://en.wikipedia.org/wiki/Vriesea_ospinae



Vriesea splendens = *Lutheria splendens*

https://en.wikipedia.org/wiki/Vriesea_splendens



Vriesea malzinei =
Tillandsia malzinei

[https://
sv.wikipedia.org/wiki/
Vriesea_malzinei](https://sv.wikipedia.org/wiki/Vriesea_malzinei)

Tillandsia dyeriana=
Racinaea dyeriana

[https://sv.wikipedia.org/
wiki/Tillandsia_dyeriana](https://sv.wikipedia.org/wiki/Tillandsia_dyeriana)



**[Caloosahatchee
Bromeliad Society](#)**
Minutes for 19 May 2019

Call to order: 1:15 by President
Cate Peterson

General meeting:

Vicky Chirnside spoke about the upcoming Bromeliad Extravaganza in September planned for the Orlando area, including a mention of speakers, field trips, and plant sales.

Vicky also mentioned that CBS is once again taking its turn at hosting the FCBS Board meeting in June. Debbie McPhail has graciously agreed to host FCBS at her home and garden in Fort Myers.

Workshop: Dale Kammerlohr re-introduced the ugly topic of the “evil weevil,” aka the Mexican bromeliad weevil. In addition to photos of the weevil, its grub, and the damage it can cause to plants, one member showed a video of a grub emerging from a *Cryptanthus*. Weevils have an apparent preference for softer-leaved plants – *Vriesea*, *Cryptanthus* and *Tillandsia*, for example – over larger and thicker-leaved taxa like landscape-type *Aechmea*. But succulent species like *Dyckia* and *Sincoregelia* are not “immune.”

The discussion centered around the primary product used to control weevil grubs: the systemic insecticide known as imidacloprid. Various

products and formulations are available, and applications should be made two times a year, preferably at the start and end of the growing season. Imidacloprid will provide protection for about four months at a time and the two treatments should last a total of eight months. Weevils are generally less active in winter, although a third application could be justified to give year-round protection and peace of mind.

Dale recommends a hose-end applicator that allows for easy mixing (the water from the hose dilutes the chemical and the spray is regulated by a dial) and produced large water droplets that quickly settle on plants as opposed to becoming an airborne mist. Use common sense when applying all chemicals, including wearing proper protective gear, avoiding spraying on windy days, and ensuring that products do not come in contact with ponds, creeks, or other aquatic habitats. Many people are averse to using chemicals in their gardens and alternative measures – such as pool cage screening – can protect prized and valuable plants from potential attack by evil and ugly weevils.

Attendance: 47 members and guests present

New member: Maria Del Nero

Guests: Greg & Cynthia Jeffcott, Joe Smith, Roy Cornelison, Addison Dentry

Program: Pete Diamond delivered a Powerpoint presentation that started out by explaining how plants are named, from species to cultigens, including the differences between grexes, cultivar groups, and cultivars. The program took a historical look back at Caloosahatchee Bromeliad Society, focusing on key people who have been involved in the formation and development of the club over the past 40 years. In addition to short bio's or anecdotes about these individuals, the presentation featured bromeliad cultivars that were named in their honor. Examples included *Neoregelia* 'Gene McKenzie', *Cryptanthus* 'Eleanor Kinzie', *Pitcairnia smithiorum*, and *Aechmea* 'Caloosa'.

Door prizes: Dave and Geri Prall donated a *Neoregelia* 'Nalo Rose' and Luli Westra had the winning ticket

Show and tell: Dale Kammerlohr

Raffle: Larry Giroux

Meeting notes submitted by Pete Diamond, CBS Secretary.



The species *Aechmea brevicollis* is one of those strange looking bromeliads that Carly may be discussing at the Workshop. It appears to grow in only two planes. The bend in the leaves remind me of crab legs, what do you think? Drawing by the late Kiti Wenzel.



Dr. Larry Giroux, Editor
3836 Hidden Acres Circle N
North Fort Myers Fl 33903
(239) 850-4048 DrLarry@comcast.net



**Friday & Saturday September 20-21 2019
with optional garden tours
available Sunday, September 22**

Registration: \$100, per person

After September 10, 2019: \$110, per person

Registration fee includes the 2 meals and all listed events with the exception of the optional garden tours on Sunday the 22nd.

Tour and guest speaker information will be coming soon.

- Friday Evening**
- Barbeque buffet
 - Plant sale for registrants only
- Saturday**
- Huge all day plant sale – open to the public
 - Raffle, Silent auction
 - Seminars with guest speakers
- Saturday Evening**
- Italian buffet
 - Rare plants auction – open to the public
- Sunday**
- Optional garden tours
- Tour price yet to be determined

**This is your July-Aug 2019 CBS Newsletter
Rosters and Yearbooks available to paid up members.**