

# orlandiana

Newsletter of the Bromeliad Society of Central Florida
Volume no. 49, Issue no. 8

Next meeting: September 21, 2022

Where: Leu Gardens, 1920 N. Forest Avenue, Orlando, FL 32803

6:30 -7:00 is time for displaying and purchasing plants

Program officially begins at 7:00 pm

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Visit the Bromeliad Society of Central Florida Website at: www.bromeliadsorlando.com

You will find an activities page that lists our speakers for upcoming meetings, downloadable copies of newletters, plant photos, a map to Leu Gardens, and more! This is a great place for the public to find out about our Society or send us a message. Check it out!

### The President's Message

Up north, summer is over and crisp, cool mornings are becoming the norm. Soon the leaves will fall. For us Floridians, it will be several weeks before one cool morning arrives to energize us to clean up the garden that got overgrown during the summer heat and rain. It can't come too soon. Everywhere I look there are postponed chores staring me in the face. As much as I enjoy my broms, there is no pleasure in sweat dripping into my eyes while my arms get scratched up. So, the beds that were cleaned up in June now have foot tall weeds popping up overnight. Broms have grown and multiplied beyond their allotted space, and the brown bottom leaves look a mess. Storms have left some mounted plants in need of re-fastening. I meant to fertilize in August, but the rain chased me indoors and I did not get back to it. Thinking about all the work can drain me of the energy to do any of it. Then that cool morning arrives, and I'll be eager to take on those clean-up projects, one little project at a time.

BSCF also has a bunch of little projects that need to get done. Leu Gardens has informed us that clubs will no longer be allowed a storage cabinet post-renovation. That means our library books cannot be kept at Leu. We need to come up with a new approach. A lot of organizations have eliminated their libraries because their members turned to the internet rather than books. BSCF has avoided that, but hauling books to all the meetings does not work, and storing all the books takes space few people have. We will need to come up with a practical approach, or the library will end. Perhaps it is a good thing to be forced into the 21st century, but we will not give up on books easily. If you have ideas for a solution, speak up. If none is found, we can consider donations to Selby Gardens or public libraries, or sell books to members. First, however, the books will be stored until we have devoted a luxury of time to finding a solution.

The loss of storage has also knocked down the ideas we had for providing beverages at our meetings. It cannot be done without someone hauling cases of drinks, cups, napkins, ice buckets or a cooler back and forth, arriving before 6PM each month, and storing these between meetings. I will continue bringing in drinks, etc. from our stockpile until it runs out, so there will be beverages at our September meeting. We need someone to step up to take on the task or there will be none once the current stock is gone. If nobody is interested enough to take it on cheerfully, then I see that as the members 'voting with their feet', and so it will be.

Another little project is to update our Bylaws to conform to current practices. For example, the Bylaws require a committee to be appointed for exhibitions, including not only shows and

exhibitions put on by BSCF, but to coordinate our members' participation in other societies' shows, and "the FCBS annual show". The Florida Council has not had an annual show in decades and email long ago eliminated the need for our society to be the middleman when our members wanted to participate in other clubs' shows. We have not done such useless stuff. We just ignore the old bylaw requiring it. There are several more provisions of the same sort. Why not get rid of the requirements superseded by reality? Nobody has tackled it, including me, because changing bylaws has a way of creating debates over issues nobody really cares much about. Folks get irritated and a lot of time gets spent on word choices rather than focused on the plants that brought us together. Afterwards, nobody much remembers what it was all about, but hurt feelings can remain. So, the can of worms is left unopened and the bylaws become relics. Nobody seems to care, but that is not very comforting when you know you are ignoring a rule. Just like cleaning up a bed of *Aechmea distichantha* overgrown with oxalis and crabgrass, nobody wants to do it, but eventually it needs to get done.

The seasons are changing. Each of us will eventually get energized to do all those garden chores put off in the heat of summer. I think we can find a way to accomplish this organization's chores also. It just takes a couple of folks energized to do just one chore.

Mike McMahon

### July Minutes

BROMELIAD SOCIETY OF CENTRAL FLORIDA, INC. Meeting Minutes
July 20, 2022

A member's market preceded the June meeting.

President Mike McMahon convened the meeting at 7:00 PM and introduced the for BSCF members that were the guest speakers for the night. They are as follows with the topic of each speaker:

1. Steve Beaudoin: Mini-Neoregelias

2. Pam Marion: Nomenclature3. John Boardman: Catopsis

4. Mike Saunders: "Bromeliad Word Potpourri"

Mike McMahon, President, announced that member's market plants were still available for sale and reminded everyone to check out the different Quesnelia marmorata brought in by members for the Plant of the Month table.

Refreshment break was taken.

Business Meeting was called to order by President Mike McMahon at around 8pm.

Liesl Haas, Secretary, introduced new members and guests:

#### New:

- Gwen Sandlin-Rolape
- Tim Steele
- Cynthia Marshall
- Francis Janarious
- Claire Stern
- Ruth Geniac

#### **Guests:**

- Juliet Wilson
- Ray Mathews
- Doris Odom
- Lynn Rounseville

The corrected June minutes as emailed were presented with acknowledgement of two misspellings. Tim Dreggors, Vice President, moved to approve the meeting minutes as corrected, which was approved.

Treasurer Joyce Gibault gave the treasurer's report.

President Mike McMahon reported that Leu Garden's ongoing renovation has fallen behind in schedule and the facility will not be available in time for the August meeting. The board is hesitant on spending money to rent a replacement venue, so unless something changes, there will be no August meeting.

Leu Gardens also informed President Mike McMahon that the facility will not be available in December as this will coincide with their holiday lights event. There are several ideas that the board is considering as to when and where to hold our holiday party. The consideration will be based on the expense, schedule of speakers and the availability of Dave and Cathy Schubert who are in charge of organizing the party. The following are the ideas:

- hold the holiday party in the November meeting like last year.
- hold a regular meeting in November and get a different facility for the meeting/holiday party in December.
- cancel the December meeting/holiday party altogether.
- hold the New Year's party in the January meeting.

[It was afterward determined to have the holiday party in November.]

President Mike McMahon appointed the nominating committee for next year's new slate of officers. The election for next year's officers will be held at our October meeting. The new nominating committee members are as follows:

- Phil Wright
- Steve Bedouin
- Katherine Vaccaro

Old Business: None

#### **New Business:**

President Mike suggested to continue participating in the annual Mead Gardens Sale. A motion to approve spending the money to reserve two spaces in this year's Mead Garden plant sale was made by Phil Wright and approved.

#### Show and Tell:

A number of members brought in their beautiful bromeliads for Show and Tell.

Bob Smedley brought in some Tillandsia seedlings. These seedlings sprouted from the inflorescence of the Tillandsia utriculata that John Boardman and Pam Marion brought in for their Native Tillandsia presentation over a year ago. Bob plans to bring these periodically to show their growth progression.

Steve Beaudoin brought in two mini Neoregelias namely Neo 'Red on Green' and Neo Olens as examples of bromeliads mounted on rocks.

Last March, Peggy Bohl experimented to induce her bromeliad to bloom by exposing it to ethylene gas. She placed two apples in her Aechmea fasciata and covered it with a plastic bag. In June, she discovered the plant finally bloomed. She also pointed out that she saw a lot of the same plant blooming around her neighborhood at that time so she's not certain if her little experiment is what caused her plant to flower or it was just the blooming season.

Dave and Cathy Schubert brought in two plants to the show and tell. An Aechmea phanerophlebia (wild collected) and a Neoregelia that has no id. They were looking for help in identifying the noid, (no confirmed identity), Neoregelia. Cathy mentioned that Eloise Beach believed it be a Neoregelia pineliana.

Mike Saunders brought in a mini pineapple that he thought was cute.

Marilyn Howser brought in a Quesnelia Black Knight that she just recently acquired from Michael's Bromeliads. She could not find a lot of information about this cultivar in the internet but she believes it to produce a very beautiful red inflorescence.

Mike McMahon showed three plants. Tillandsia Capitata - this plant keeps producing pups and flowers every year, looks very nice in clumps. Racinae spiculose v. ustalata - he acquired this at the recent 2022 Bromeliad World Conference from Paul Wingert. Vriesea 'Sweetheart'- an Ervin Wurthmann hybrid, as an example of a plant that does not need any potting medium.

The meeting concluded with the drawings for door prize and raffle plants donated by members.

Adjourned at 8:55 PM

Respectfully submitted, Liesl Haas, Secretary

## **Upcoming Events**

# Friday, Nov. 4 2022 | 2:00 PM - 6:00 PM Saturday, Nov. 5 2022 | 8:00 AM - 4:00 PM

GROWvember, Mead Botanical Garden's annual plant sale, features a fabulous array of high quality plant vendors and exhibitors, kid's activities, live music, food trucks, beer garden and more! No admission and parking is free. Event is held rain or shine.



## Guest Speaker

Our guest speaker for September will be Lee Magnuson. Lee is 65 years old and has been collecting, growing and hybridizing bromeliads for 13 years.

Lee is a Member of Bromeliad Society International, current member and President of Bromeliad Society of the Palm Beaches. He was also a vendor at 2022 World Bromeliad Conference in Sarasota. He will be speaking on "Hybridizing and tips and tricks for bromeliads", and recapping the world conference at Sarasota.



#### Plant of the Month

This month we will be celebrating hybrids from the 50th state, Hawaii. Many of you are familiar with hybridizers Lisa Vinzant, David Fell, David Shiigi and the late Sharon Petersen. Mike McMahon recently coordinated a group purchase for our club of David Fell hybrids. Members are encouraged to bring there Hawaiian hybrids of all types to put on the plant of the month table, including new purchases.

John Boardman



#### **Not Neos?**

## SOME NEOREGELIAS AREN'T NEOS ANYMORE

Do you know what a Hylaeaicum is? Those at the July BSCF meeting learned from Mike Saunders that Hylaeaicum is the newest genus of bromeliad. (Pronounced: Hi – lay – eye – cum'. Or, something like that.) The botanists focused on taxonomy have long placed about a dozen species of Neoregelia in a subgenus group called hylaeaicum. This sub-genus has gotten focused attention in recent years, resulting in a consensus that the Hylaeaicum should be given independent genus status. The story gets too technical for most readers, having to do with flower parts, seed anatomy and genetic analysis, but for those who want correct names on their labels, it's time to write some new ones. So which Neos are no longer Neos? The two most often seen are former *Neoregelia pendula* is now Hylaeaicum pendulum; and Neoregelia eleutheropetala is now Hylaeaicum eleutheropetalum. If you have these in your collection, consider re-labeling them.



Hylaeaicum pendulum v. brevifolium (formerly classified as a Neoregelia)

Notice that a species name ending in "a" changes to "um" because that's how Latin works. Other former Neoregelias now in Hylaeaicum are not as commonly seen, but for those who happen to have one of these oddballs:

N. leviana is now H. levianum

N. margaretae is now H. margaretae

N. meeanum is now H. meeanum

N. mooreana is now H. mooreanum

N. myrmecophila is now H. myrmecophilum

N. peruviana is now H. peruvianum

N. rosea is now H. roseum

N. stolonifera is now H. stoloniferum

N. tarapotense is now H. tarapotense

N. wurdackii is now H. wurdackii.

(Adapted from the BSCF Facebook Group posting)

## **July Handouts**

#### A LIST OF ACCEPTED BROMELIACEAE NAMES

#### Genera with the number of species and subfamily

## (<u>number</u> excluding infraspecific taxa, with the largest genera in bold)

| Encholirium (Pitc. 40) Neoglaziovia (Brom. 3) Werauhia (Till. 96) Fascicularia (Brom. 1) Neoregelia (Brom. 113) Wittmackia (Brom. 44) |  |  | Quesnelia (Brom. 23) Racinaea (Till. 84) Rokautskyia (Brom. 14) Ronnbergia (Brom. 25) Sequencia (Navi. 1) Sincoraea (Brom. 11) Siqueiranthus (. 1) Steverbromelia (Navi. 9) Stigmatodon (Till. 20) Tillandsia (Till. 773) Ursulaea (Brom. 2) Vriesea (Till. 231) Wallisia (Till. 5) Waltillia (Till. 2) Werauhia (Till. 96) | Wittrockia (Brom. 7) xGuzlandsia (Till. 1) xHohenmea (Brom. 1) Zizkaea (Till. 1) |
|---|--|--|---|--|
|---|--|--|---|--|

#### 8 Subfamilies:

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Brom.= Bromelioideae (991); Till.= Tillandsioideae (1536); Navi.= Navioideae (111); Broc.= Brocchinioideae (20); Lind.= Lindmanioideae (45); Pitc.= Pitcairnioideae (679); Hech.= Hechtioideae (92); .= (17); Puyo.= Puyoideae (228); (total number of gerera: 82, species: 3719).
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#### WORD POTPOURRI

#### Prepared by Mike Saunders

<u>www.bsi.org</u> 2 databases: BCR (Bromeliad Cultivar Register for new hybrids) and BSD (Bromeliad species database for species)

Many of the definitions below are from the 2022 The Bromeliad Glossary

www.fcbs.org 1 database: photo index

Bromeliaceae (bro-meel-ee-ay-see-ee): A family of monocot (grass/grass-like flowering plants....usually only one embryonic leaf), which is divided into 8 subfamilies....see handout

genus: A subdivision of a family (Bromeliaceae) consisting of one or more species

plural: **genera** or sometimes genuses (per Merriam-Webster) <u>82 genera, over 3,700</u> species

Cultivar: produced in cultivation (when propagated by appropriate means retains certain characteristics); some originate as sports or mutations; not naturally-occurring variety

Sport: An apparent mutation which has occurred on part of a plant (e.g. variegated offset)

Clone: two or more individuals, originally derived from one plant by asexual propagation, which remain genetically identical

Hybrid: the result of a cross between different plants or taxonomic units

Species: a group of organisms that have in common one or more characteristics which definitely separate it from any other group; naturally-occurring

Tissue culture: used to develop thousands of genetically identical plants from one single parent plant and these new plants are known as somaclones

Epiphytes: an airplant; a plant growing on another plant as a means of support only and deriving its needed moisture and nutriments from the air. It is not a parasite.

Terrestrials: growing in the ground and supported by soil as opposed to growing in trees or water

Lithophytes: a plant that grows on rocks but obtains its nourishment from the atmosphere and forms accumulated humus in the fissures.

Saxicoles: growing on rocks

#### Foliage:

Variegation: The condition of a leaf when certain sections are reduced or totally devoid of green pigments(chlorophyll) with the result that the leaf has pale stripes, blotches, or bands.

Chimera: a mixture of tissues of different genetic constitution in the same part of the plant often resulting in variegation of a part or of the whole plant, two different types...albino and chlorophyll

striata: a form of variegation – striped; marked with longitudinal lines

albo-mariginata: a form of variegation where the edge of the leaf is white

flavomarginata: a form of variegation where the edge of the leaf is yellow, e.g. *Aechmea nudicaulis var. flavomarginata* 

lineata: with thin white or yellow line or stripes

mediopicta: a form of variegation where the center of the leaf is a whitish color, while another source said green stripes in the center of the leaf

variegata: irregularly colored or blotched; but in Bromeliaceae generally accepted as longitudinally striped, while another source said any form of variegation

tricolor: three-colored; usually green, crème and rose color, e.g. Neoregelia carolinae forma tricolor (Neo. carolinae var. rosea lineata and Neo. carolinae var. striata)

forma: a sub-group within a species displaying a minor characterstic, but not great enough to be called a variety

quadcolor: four-colored; usually white, yellow, red and green, e.g. Aechmea magdalenae var. quadcolor (check out on fcbs.org)

marginata: furnished with a margin or border of distinct coloration; a leaf with a stripe up each side of the leaf

NOVAR: this is for a plant where the variegation disappears, just add it as an adjective to the Cultivar name, e.g. *Neoregelia 'Yang' NOVAR* 

Review Ananas 'Tricolor' document

NOID: No Id, no confirmed identity

Discolor: having two different colors, usually referring to leaves that are one shade on top and another underneath

Stolon: a shoot that bends to the ground and takes root; or gives rise to a new plant at it's tip

Stoloniferous: sending out or propagating itself by runners or stolons which are disposed to root

ICBN: International Code of Botanical Nomenclature covers description of species (plants found in the wild)

ICNCP: International Code of Nomenclature of Cultivated Plants, covers naming of plants in cultivation both variations of species and man-made hybrids

Offset: A short lateral soot that may produce another plant; an offshoot; a pup

Pendent: hanging down from its support

Pendula: hanging; pendulous

Penduliflora: pendulous-flowered

Pendulous: hanging or dropping

Immunox by Sprectracide Multi-Purpose Fungicide (copper free): 1 teaspoon in a quart bottle...spray entire plant and cutting. Good for when you cut off pups or if plant seems to be ailing. A good preventive. Bottle says "cures & prevents all major diseases". Can't be washed off by rain once dried.

#### Name Changes:

xBiltanthus 'Red Burst': formerly xCryptbergia 'Red Burst' and formely xCryptbergia 'Rubra'.....at least 3 name changes since 1952

xRokautsincoraea 'Blazing Bonsai' formerly xOrthotanthus 'Blazing Bonsai'

Wallisia cyanea (pink quill) was originally *Tillandsia cyanea*. FCBS also has a photo of a Wallisia cyanea var. tricolor.

Billbergia venezuelana is Billbergia rosea

Hylaeaicum was formerly Neoregelia, e.g. *Hylaeaicum pendulum* used to be known as *Neoregelia pendula*. Hylaeaicum was elevated to genus status in 2021 from Neoregelia subgenus Hylaeaicum

The genus is named after the ancient forest region known as Hylaea, encompassing the Amazonian basin regions of Peru, Ecuador, Colombia, Venezuela and Brazil, where the 16 stoloniferous taxa reside as epiphytes.

Hylaeaicum pendulum as Neoregelia pendula in FCBS.org also has photos of a variegated one (appears to be a tri-color of red, green and white), albo-marginated one, yellow leaf (Gold). There is also a Neoregelia pendula var. brevifolia listed in FCBS.org, with BSI.org showing it as Hylaeaicum pendulum var. brevifolium eleutheropetalum var. bicolor

Brevifolium is the neuter of the New Latin adjective "brevifolius" meaning "short-leaved" or "small-leaved" and refers to the small leaves of the species.

Hylaeaicum eleutheropetalum as Neoregelia eleutheropetala in FCBS (also contains a photo of Neo. eleutheropetala rubra...but I can't find elsewhere and seems to be similar coloring as eleuthropetala).

Hylaeaicum roseum was formerly Neoregelia rosea.

Number of **accepted** species in this genus is **12** (source: species <u>counts</u> in the Encyclopaedia of Bromeliads).

FCBS.org does not list Hylaeaicum under Genera

BSI.org does have Hylaeaicum listed in the BCR, but nothing there. In the BSD, it appears the Neo's that have been moved to this Genus are listed.

<u>Bromeliads in Australia - DNA / New genera</u> I found this under <u>www.bromeliad.org.au/news/DD0217.htm</u> with many name changes

One section is titled "Reinstated genus Hylaeaicum and species re=assigned to it"

#### There are 8 tables below.

The first two are new names for *Tillandsia/Vriesea species*, then consequential name changes for 'T/V Cultivars'. (Feb. 2017)

These are followed by *Orthophytum/Sincoraea species*, then consequential name changes for the 'Cultivars'. (March 2017)

These are followed by *Cryptanthus species* (Sept'2017). The resultant 'Cultivar/Bigeneric' changes not yet available.

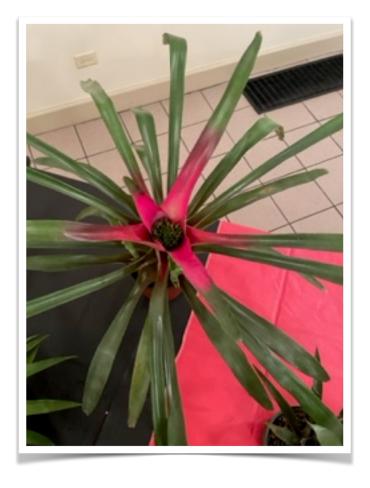
The new Cipuropsis species

Proposed raising of *Tillandsia* sub-genus *Viridantha* to genus level

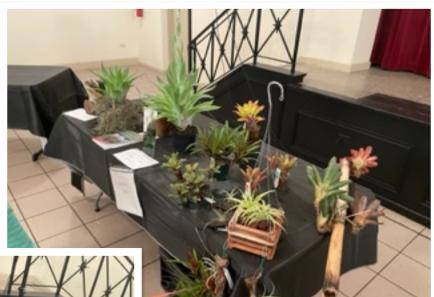
## **July Pictures**

















## **2022 Bromeliad Society of Central Florida**MEMBERSHIP FORM

| NEW MEMBER   | RENEWAL  |  |  |
|--|--|--|--|
| PLEASE PRINT CLEARLY   |  |  | CENTRAL FLORIDA  |
| Name(s)  |  |  |  |
| Address  |  |  |  |
| City, State Zip +4   |  |  |  |
| Phone /Email   |  |  |  |
| \$15 for one member, plu<br>Name Tags are optional.<br>If so desired please inse | The price for a name                           | e tag is \$7 per membe                       | er.  |
| AMOUNT ENCLOSED \$   | Make ch  | ecks payable to BSCF                         |  |
| Either bring payment to<br>Bromeliad Society of Ce                               |  | = :  |  |
| speaker between 6:30-7p  | om) at Leu Gardens, 1<br>Show & Tell, plant sa | 920 N Forest Ave, O<br>les, refreshments, ar | 9:00 pm (buy plants from the<br>rlando, FL 32803. You'll enjoy<br>nd door prizes. Members also |
| Treasurer: Date  | Check #  | Cash \$                                      |  |

## **Officers**

| President              | Mike McMahon   | michael.mcmahon@akerman.com |
|------------------------|----------------|-----------------------------|
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#### BSCF is a nonprofit Florida corporation recognized by the IRS as a 501(c)(3) organization.

Donations to this society are tax deductible in accordance with IRS regulations.

BSCF is an affiliate of the Bromeliad Society International, Inc., and a member of the Florida Council of Bromeliad Societies, Inc. and the Cryptanthus Society.