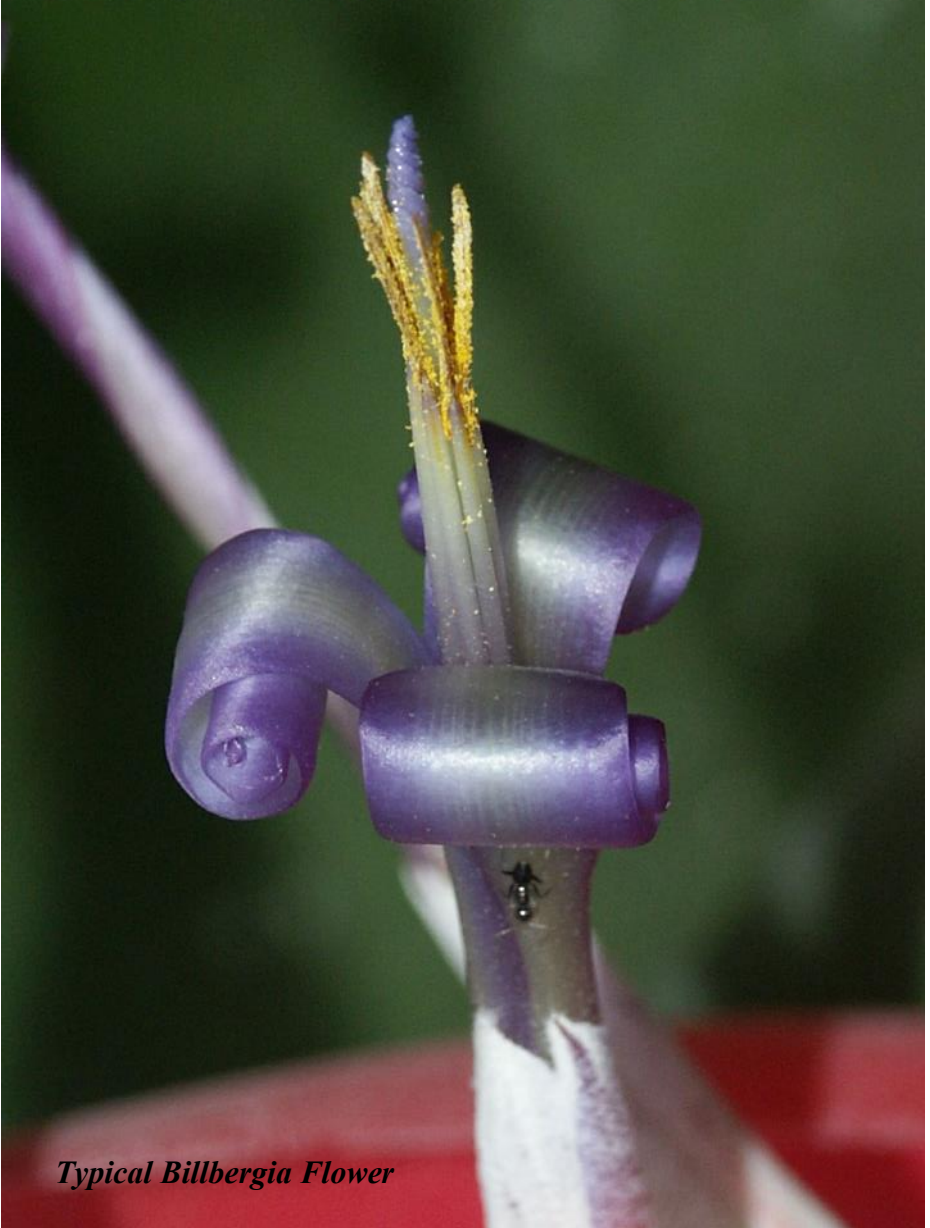




# THE CALOOSAHATCHEE BROMELIAD SOCIETY'S

## MERISTEM

*Sept/ Oct 2017*



*Typical Billbergia Flower*

# CALOOSAHATCHEE BROMELIAD SOCIETY OFFICERS

## EXECUTIVE COMMITTEE

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

Past- President & Vice-President— Dale Kammerlohr 863-558-0647  
(dzdase@embarqmail.com)

Co-SECRETARY—Carly Sushil (239) 454-5130 crpfalz@eagle.fgcu.edu

Co-SECRETARY— Sharalee Diaz mrsthimble@aol.com

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

## STANDING COMMITTEES CHAIRPERSONS

NEWSLETTER EDITOR—Larry Giroux 997-2237 (DrLarry@comcast.net)

NEWSLETTER CO-EDITOR— Carly Sushil 454-5130 (CRPFalz@eagle.fgcu.edu)

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

PROGRAM CHAIRPERSON—Bruce McAlpin (863) 674-0811

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

SPECIAL PROJECTS— Carly Sushil (239) 454-5130 crpfalz@eagle.fgcu.edu

CBS FCBS Rep.—Vicky Chirside 941-493-5825 (vickychir@aol.com)

CBS FCBS Rep.—Cate Peterson 941-505-1554 (cpeters3606@yahoo.com)

## OTHER COMMITTEES

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

DOOR PRIZE—Bruce McAlpin (863) 674-0811 & 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

LIBRARIAN—Linda Soter 239-561-0154

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# THE CALOOSAHATCHEE BROMELIAD SOCIETY

**September Meeting– Canceled  
October Meeting-- Sunday, October 15th**

**Our new meeting place is 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 the 2nd Street north of the Edison Gardens**

**Doors open at 12:30PM for Meeting Setup  
The Workshop begins at 1:15PM  
Please bring food, Raffle and Show and Tell Plants**

**Membership Sales are not permitted  
at the September Meeting**

**Membership Sales are not permitted  
at the October Meeting**

**The Caloosahatchee Bromeliad Society is an active Affiliate of:**



Cryptanthus Society



BSI



FCBS



FM/LC GC

## September Program

**“Florida Bromeliads: A Story of Wind Dispersal and Survival”**

**Br Dr. Terrie Bert**

“All of Florida’s native bromeliads have arrived here as wind-dispersed seeds and, luckily for us, belong to families of bromeliads that have no spines. Florida’s forests are uniquely adorned with beautiful bromeliads of different forms, including the most unique of all—Spanish moss. But there are other species that can add beauty, color, and a southern appearance to landscape trees. We’ll look at all of Florida’s native bromeliads and learn about their growing conditions. Maybe you’ll decide to add some to your landscape and enrich your yard’s diversity.”

**With the September Meeting canceled due to Hurricane Irma, we will reschedule Terrie’s program for a later date. The October speaker will present as scheduled.**

## October Program

**“Landscaping with Bromeliads” By Chip Jones**

Chip Jones is a professional landscaper with a nursery on the East Florida Coast in Davie, Florida. He is a member of the Broward County Bromeliad Society and is a former member of our Society. Many members might recall his previous presentation to us a few years ago.

With recent damage suffered by Irma to many of our yards, Chip hopefully will have suggestions for redoing or repairing our landscape. Chip will be bringing plants for sale.

**SWAMP WALK:** Carly is organizing another Fakahatchee swamp walk. It will be on Thursday October 19th. There is room for 14 people. The cost is \$60 per person. To reserve a spot give Carly money by the September meeting. We haven’t worked out with Patrick (the guide) if it will be the same hike as last year, but we will figure that out when we get a feel for what the group wants. Ask those that went last year, it was a lot of fun.

**The 2017 Caloosahatchee  
Bromeliad Society's Sale and Show  
"Gardens of the Galaxy"**

**Dates: Friday, December 1st .....Show and Sale open  
to Judges and Workers**

**Saturday 9AM-4PM, December 2nd.....Show and  
Sale open to the public**

**Sunday 10AM-3PM, December 3rd....Show and Sale  
open to public**

**Location: ARABA SHRINE TEMPLE**

**2010 Hanson Street Fort Myers, Fl 33901**

Our Sale and Show is less than 3 months away and we need to start planning now for many of the processes.

I have agreed to be a Co-Chair of the Show while Brian Weber continue as our Sales Chair. There are numerous Committee Chairs who are necessary to allow us to put this event together. Below are some of the Show Chairs and workers needed.

Judges chair: Betty Ann Prevatt 334-0242 (bprevattpcc@aol.com)

Clerks Chair:

Clerks: About 8– 10 clerks needed

Placement:

Registration. & Entries:

Classification: Steve Seal 239-768-9279, SteveESeal@gmail.com

Photography: Larry Giroux, et al

Hospitality Co- Chair: Mary McKenzie

Each of these committees still need either a Chair, Co-Chair or workers. If you wish to serve on any of these committees (all you will need to know and do will be explained to you) please contact the Chair and discuss it with them. There are several positions available on the Sales Committee, please contact Brian about helping in some capacity.

**Because of more critical demands on Betsy Burdette's time, we need volunteers to take over some of the Advertising Duties ASAP.**

**As a follow up to the July Workshop, I have included a list of common bromeliads and their light requirements. This list is at least 25 years old and acquired from Gene McKenzie. Some of the *Genera* and *Species* names may have recently been changed.**

**FULL SUN •**

**AECHMEA**

bracteata  
 blanchetiana  
 distichantha  
 rubens  
 ANDROLEPSIS  
 skinneri  
 BROMELIA  
 balansae  
 humilis  
 pinguin  
 serra  
 CANISTRUM  
 aurantiacum  
 CRYPTANTHUS  
 bahianus  
 DYCKIA  
 brevi folia  
 fosteriana  
 remotiflora  
 ENCHOLIRIUM  
 horridum  
 HECHTIA  
 rosea  
 NEOGLAZIOVIA  
 variegata  
 PUYA  
 chilensis  
 coerulea

**NEARLY FULL SUN -**

ACANTHOSTACHYS  
 strobilacea  
 ARAEOCOCCUS  
 flagellifolius  
 AECHMEA  
 angustifolia  
 bromelifolia  
 fosteriana  
 luddemanniana  
 mariae-reginae  
 mexicana  
 nudicaulis

pineliana  
 pittieri  
 hybrids like  
 Bert  
 Little Harv  
 BILLBERGIA  
 vittata  
 zebrina  
 brasiliensis  
 nutans  
 meyeri  
 HOHENBERGIA  
 stellata  
 rosea  
 NEOREGELIA  
 ampullacea  
 carcharodon  
 cruenta  
 marmorata  
 spectabilis  
 tristis  
 zonatus  
 PORTEA  
 Petropolitana  
 TILLANDSIA  
 bulbosa  
 caput-medusae  
 paucifolia  
 fasciculata  
 flexuosa  
 balbisana  
 streptophylla  
 and many others  
 VRIESEA  
 (ALCANTAREA)  
 imperialis  
 fosteriana  
 regina  
**BRIGHT LIGHT**  
 AECHHEA  
 chantinii  
 orlandiana  
 BILLBERGIA

amoena  
 ORTHOPHYTUM  
 fosterianum  
 navioides  
 saxicola  
 vagans  
 PORTEA  
 kermesina  
 STREPTOCALYX  
 longifolius  
 WITTRUCKIA  
 Superba  
**AVERAGE LIGHT.**  
 AECHHEA  
 calyculata  
 caudata  
 dealbata  
 fasciata  
 penduliflora  
 ramosa  
 weilbachii  
 BILLBERGIA  
 elegans  
 euphemiae  
 iridifolia  
 leptopoda  
 pyramidalis  
 Saundersii  
 FOSTERELLA  
 penduliflora  
 CRYPTANTHUS  
 all except C. bahianus  
 CATOPSIS  
 berteroniana  
 nutans  
 CANISTRUM  
 fosterianum  
 Lindenii  
 GUZMANIA  
 lingulata  
 monostachya  
 sanguinea  
 Zahnii

NEOREGELIA	tabulaeformus	<b><u>SUBDUED LIGHT</u></b>
carolinae	QUESNELIA	<b><u>(SHADE).</u></b>
cyanea	humilis	AECHHEA
pauciflora	liboniana	filicaulis at
princeps	TILLANDSIA	'Fosters Favorite'
pineliana	anceps	fulgens
wilsoniana	cyanea	miniata
NIDULARIUM	lindenii	'Royal Wine'
billbergioides	VRIESEA	victoriana
burchellii	malzinei	GUZMANIA
fulgens	'Hariae'	ALL– exceptions listed
innocentii	'Poelmannii'	under average light
procerum	'Rex'	NIDULARIUM
PITCAIRNIA	schwackeana	innocentii var. lineata
andreana	GUZMANIA	VRIESEA
corallina	ALL -exceptions listed	ALL - excpetions listed
flammea	under average light	under average light
heterophylla		

## CBS Meeting Minutes for June 18th, 2017

**Location:** Fort Myers-Lee County Garden Council Bldg., 2166 Virginia Ave., Fort Myers, FL 33901

**Meeting called to order** at 1:15 PM. By President Peter Diamond

**Attendance total: 44**

New members: 0

Guest: 5, Irene Thomsen, Jackie and Larry Mason, Carole and Rich Richter/myer/speakers

**Workshop: “Soils”** by Cate Peterson and Bruce McAlpin

Cate brought in 4 different bags of potting mix and had people vote on which they would prefer. The potting mix from miracle grow would do the job for most applications with additions of amendments depending on the plant. Hints :( Add a bag of orchid mix to the Timberline product. Avoid fine peat or dusty pumice. Core has salt so leach it out before using. Potting soil that is neutral or slightly acidic will fit most plants). Bruce would add fine pebbles or use silicone gravel (found at Home Depot) if he were to use Miracle grow as the base, to add weight and to help keep the time release fertilizer in place. However, Bruce uses the Farfad 3S for his bromeliads which is 70% peat and 30% perlite & composted pine bark. He adds perlite and a newer fired clay product called Turface which is calcined clay. By the mechanism of charged particles the Turface holds onto the fertilizer longer. He buys this at John Deer dealerships in 50lb bags for around \$17.00. For his terrestrial mix he uses 1part Turface +1 part Farfad 3S + 1 part coarse perlite. Additives Larry

Giroux likes sponge rock/large perlite for terrestrials; also, Aliflor (similar to Turface) or coconut husk chunks for his epiphytic mix. Also used is volcanic rock and Larry will add charcoal especially if the potting mix is being reused. Michaels Bromeliads uses his own mix of 1/3 peat, 1/3 perlite & 1/3 pine chips and adds amendments depending on what the mix is used for. If you contact him he will bring some to the meeting for \$15 per bag. Dale finds that Walmart sells fine grade pine bark which is less expensive to use as an additive. For big potted plants he puts rocks in the bottom, uses big pine bark and then his mix. He finds it convenient to keep his various mixes stored in garbage cans.

**Business Meeting called to order** at 2:00 PM. By Peter Diamond

**Announcements:**

Please leave the tables and chairs how you found them and please help clean up the area around you before you leave.

**Program: “The ABC’s of Terrestrial Bromeliads”** Presented by Rick & Carole Richtmyer

They presented an extensive power point presentation. Terrestrial bromeliads grow in the ground and absorb nutrients from their roots system. Also some epiphytic bromeliads can grow terrestrially or saxicolously (in or on rocks). He went on to describe and show the following Genera: Ananas 3 species, Bromelia 70 species, Cryptanthus 80 species, Disteganthus 1 species, Fascicularia 1 species, Fernseea 2 species, Lapanthus 3 species, Neoglaziovia 3 species, Ochagavia 4 species, Orthophytum 57 species, Sincoraea 11 species, Brocchinia 20 species, Deuterocohnia 17 species, Dyckia 170 species, Encholirium 34 species, Fosterella 31 species, Hechtia 75 species, Navia 92 species, Pitcairnia 408 species, Puya 225 species. A visit to Huntington Gardens in Los Angeles CA is well worth a visit. Also they had many Bigenerics that were epiphytes, which were treated as terrestrials and grown in pots.

**Refreshment t Break:** 3:01 - 3:38 PM. Thank you Mary McKenzie and volunteers for all the wonderful treats

**Door Prize:** 8 *Cryptanthus* 'Lirico' were donated by Bruce McAlpin and won by Ann Miller, Linda Soter, Jeff Lazar, Elizabeth Migliore, Sharalee Dias, Linda Ballou, Larry Mason and Eleanor Kinzie

**Show & Tell:** Led by Dale Kammerlohr and Bruce McAlpin

**Raffle:** Led by Dr. Larry Giroux, assisted by Dolly Dalton and Pete Diamond

**Adjournment:** 4:02 PM.

Respectfully submitted by Sharalee Dias Co-Secretary



## CBS Meeting Minutes for July 16th, 2017

Call to Order: 1:15 by President Pete Diamond

Business: Vicky Chirnside reminds everyone that the hotel that is hosting the Extravaganza is extending the room rate until July 31. She also urges everyone to attend. There will be free parking and free breakfast. The bus tours on Sunday are optional and cost \$12.

Carly Sushil is organizing a swamp walk to Fakahatchee on October 19<sup>th</sup>. There is a tram ride through the swamp and then an hour long hike through the swamp. Last time the water was just over knee high in most places. Hiking sticks will be provided. There is room for 14 people and the cost is \$60.

Larry Giroux announced that this year's show and sale will be at the Shriner's Lodge on Hanson St. in Fort Myers. We need a theme for the show. There will be announcements in the newsletter in upcoming months about the show and sale. Also, election nominations are coming up. If you want to run for a position on the board let Pete or any board member know.

Workshop: "Full Sun Bromeliads" by Cate Peterson. Cate has been working at the Peace River Botanical Garden in Punta Gorda. She has an area that takes full sun and is looking for plants for that area. There was a discussion on plants that can and can't take full sun.

Attendance: There were 40 members in attendance. There was one new member, Robb Capps.

Program: Bruce McAlpin gave a lecture on *Hohenbergia*. *Hohenbergia* are pretty thorny plants that captured Bruce's interest 15 years ago. He likens them to *Aechmea* on steroids. They look their best when they are young pups and middle sized plants. The plants that are big enough to flower usually looked spotted and a little beat up. *Hohenbergia* do not need much root space. All are from Brazil and need some protection from the cold. The bulbous shape of the plants may be a way for them to hold water during long dry seasons.

Break: 3:00 Thank you to everyone for bringing refreshments.

Door Prize: Gary Nelson donated some *Ananas* pups and Bruce McAlpin donated 8 *Canistropsis billbergioides*. The winners were: Elizabeth Migliore, Patty Gonzalez, Eleanor Kinzie, Kay Jansen, Bill Sheffield, Mary McKenzie, Bonnie Hunkins, Cate Peterson, Ken Repple, Larry Giroux, Betsy Burdette, Terri Lazar, Art Hunkins, Bob Meyers, Carol Sweat, and Martha Stover.

Show and Tell: led by Dale Kammerlohr

Raffle: Led by Larry Giroux and assisted by Dolly Dalton, and Pete Diamond.

**Adjournment:** 4:20 PM.

Respectfully submitted by Carly Sushil, CBS Co-Secretary

## **CBS Meeting Minutes for August 20th, 2017**

**Location:** Fort Myers-Lee County Garden Council Bldg., 2166 Virginia

**Meeting called to order** at 1:24 PM. By President Peter Diamond

**Attendance total: 45**

**New members: 2,** Tom Cowell and Rick Rossow

**Guest: 5,** Becky Ibbotson, Joe Smith, Pat Lamke, Bobbie Meston and Susan Murphy

**Workshop: “Bromeliads With Outstanding Fruit”** by Peter Diamond

Peter gave a wonderful power point presentation showing many genera and subg. of *Aechmeas* which have either fruit (also referred to as seed pods), which are large, have unusual colors, or both. *Bromelia* has some of the larger and showy fruit, but their rosettes take up a lot of space in the landscape. Some can be fermented and turned into a tequila type liquor or other beverage. Tropiciflora and Michaels Bromeliads carry a lot of the plants Pete showed in his program. One of the crosses *xPortmea* “Guava Queen” was made by Dale Kammerlohr. Many *Aechmeas* have the nick names of “Green Monsters” or “Yard Dogs” because of their plain green foliage, but he showed many with unusual fruit that were attractive. *Billbergia brasiliensis* and *Billbergia viridiflora* were also shown.

**Business Meeting called to order** at 1:52 PM. By Peter Diamond

**Announcements:**

Bring back any old sale signs so that Betsy can reuse them. Also if you plan on going to the swamp walk bring money to Carly next month. Vicky gave a report on the Extravaganza in Tampa and said it was the 2<sup>nd</sup> best in history. Larry said they raised \$5,000 at the auction and the sales area sold out quickly. Terri said she enjoyed the garden tours. Betty Ann said 160 registered and we had 10-12 of our own members participate. Pete showed a sign designed by Larry Giroux to advertise our show and sale this year. Ann Miller suggested the name and theme that was selected “Gardens of the Galaxy” The judged show will be on Friday and Sale on Saturday and Sunday. Dr. Larry would like everyone to choose 3-4 plants now and start grooming them to

enter in the December show. We will be having workshops on how to prepare your plants for show. It will be held at the Shriner's Lodge at 2010 Hanson Street in Fort Myers- more info and maps to come. Peter-Please leave the tables and chairs how you found them and please help clean up the area before you leave and remember the friendship plants at the front door. Only take one to begin with but if there are leftovers at the end of the meeting feel free to take more.

**Program: "Epiphytes of Belize: An Inventory"** Presented by Bruce Holst of Marie Selby Botanical Gardens in Sarasota FL. He has traveled to Belize 6-7 times in the last few years. This purpose of this trip was to document all epiphytes, utilizing the University of Belize students, improve the condition/collections of the Natural History storage facility in Belize and increase appreciation of the plants. He presented an extensive power point presentation taking us on 2 armchair expeditions. 62% of Belize plant species are monocots (270 Orchids, 70 Bromeliaceae, and 40 Aroids). Belize has the 2<sup>nd</sup> largest barrier reef in the world; the country is mostly flat with the highest point approx. 4,500 ft., and 80 different habitat types. The first trip was by heavy tractors to the Nohoch Ch'en sink hole, which is actually a collapsed cave close to 900ft wide and 450 ft. deep. The diversity of epiphytes was greatest at the rim. They pressed and prepared hundreds of new collections which they brought back to the herbarium in Belize and some for Marie Selby Gardens The second trip was to an area in Bladen Nature Preserve for two weeks essentially traveling on foot. They discovered a new sink hole approx. 300 ft. deep and 80-90 ft. wide. They found palms, cycads, orchids and micro orchids but no bromeliads. Results of his trip: Documented nearly 400 Spp. of epiphytes which are about 2/3 of the epiphytes in the country, made rapid field guides for plant identification, found the only species of epiphytic Yucca in this area of Guatemala and Belize, two new species of Pitcarinia and mapped approximately 35,000 records of plants in their native habitats so that next expeditions know where to go for future explorations.

**Refreshment Break:** 3:00 - 3:37 PM. Thank you Mary McKenzie and volunteers for all the wonderful treats

**Door Prize:** 9 *Orthophytum grossiorum* Leme 5584 were donated by Bruce McAlpin and won by Ann Miller, Robert Capps, Bobbie Meston, Ochavio Velarde, Dolly Dalton, Luli Westra, Jim Blythe, Don Robertson & Kelly Ahnen

**Show & Tell:** Led by Dale Kammerlor

**Raffle:** Led by Dr. Larry Giroux, assisted by Dolly Dalton and Ochavio Velarde

**Adjournment:** 4:03 PM.



**Dr. Larry Giroux, Editor**  
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North Fort Myers Fl 33903  
(239) 997-2237 [DrLarry@comcast.net](mailto:DrLarry@comcast.net)



# Bromeliad Show and Sale

## ARABA SHRINE TEMPLE

2010 Hanson Street Fort Myers

(Just South and Across Cleveland Ave from Lee Hospital)

Saturday Dec. 2nd 2017 9AM-4PM

Sunday Dec. 3rd 2017 10AM-3PM

Contact Larry Giroux at 239-997-2237 for info.

**This is your Sept-October 2017 CBS Newsletter**