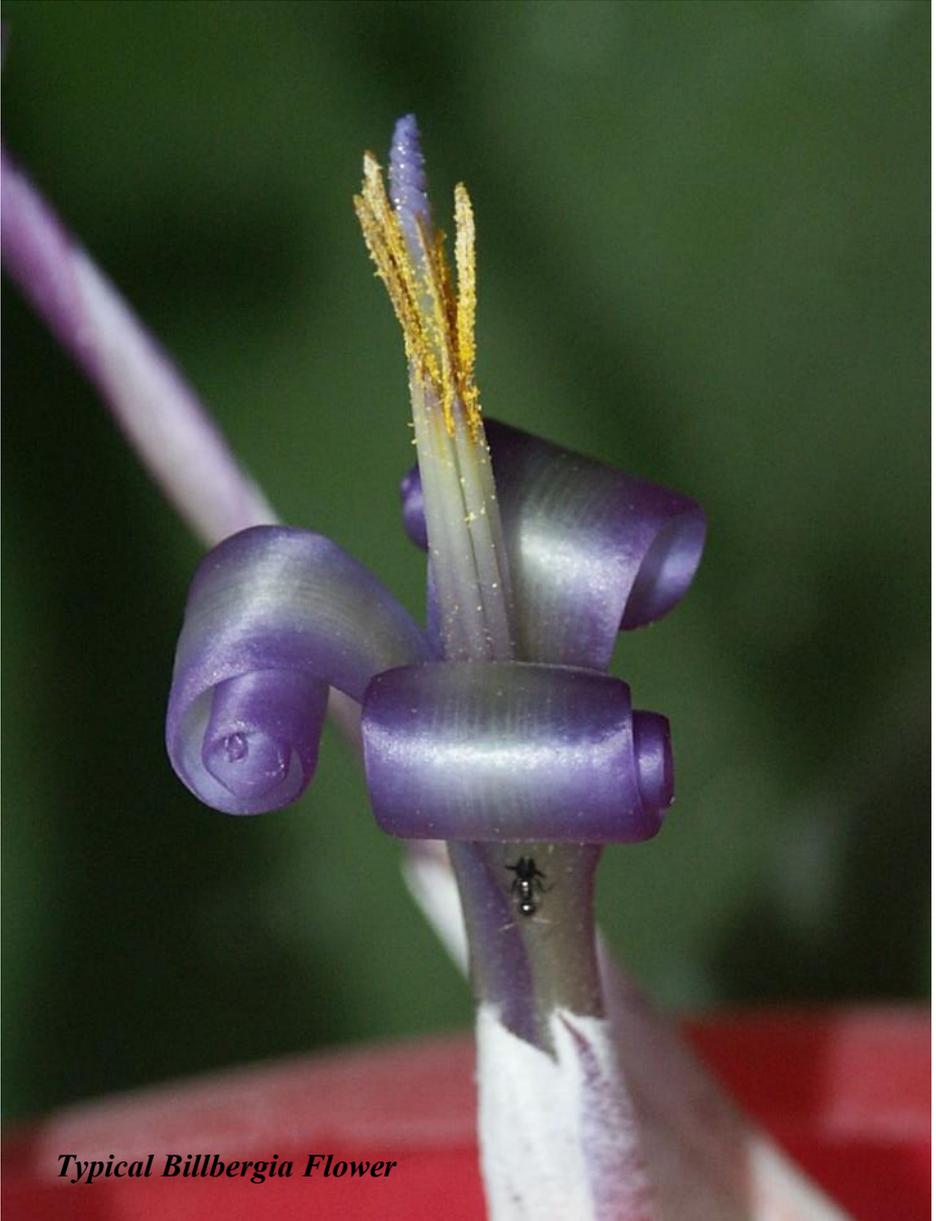




THE CALOOSAHATCHEE BROMELIAD SOCIETY'S

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

The opinions expressed in the Meristem are those of the authors. They do not necessarily represent the views of the Editor or the official policy of CBS. Permission to reprint is granted with acknowledgement. Original art work remains the property of the artist and special permission may be needed for reproduction.



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 1stShow 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 plan-
ning 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 work-
ers. 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
brevis 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	<u>SUBDUED LIGHT</u>
carolinae	QUESNELIA	<u>(SHADE).</u>
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 19th. 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 2nd 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 2nd 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

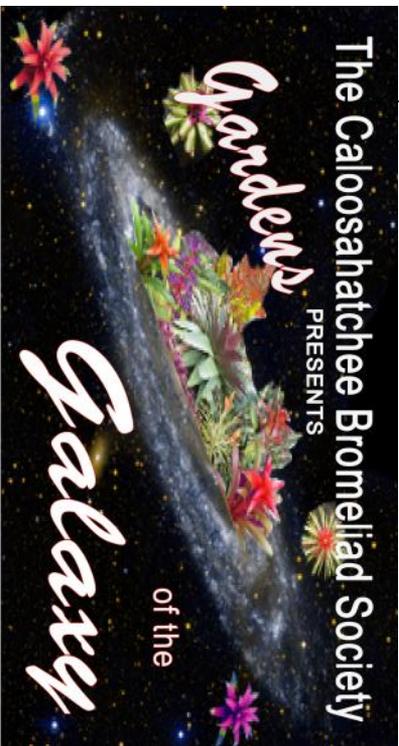
Show & Tell: Led by Dale Kammerlor

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

Adjournment: 4:03 PM.



Dr. Larry Giroux, Editor
3836 Hidden Acres Circle N
North Fort Myers Fl 33903
(239) 997-2237 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