



August 2007

**CALOOSAHATCHEE
BROMELIAD
SOCIETYs
CALOOSAHATCHEE
MERISTEM**

3836 Hidden Acres Circle N
North Fort Myers FL 33903
(239) 997-2237

DrLarry@COMCAST.NET



CALOOSAHATCHEE BROMELIAD SOCIETY OFFICERS

EXECUTIVE COMMITTEE

PRESIDENT Steve Hoppin (steveandlarry@comcast.net)
VICE-PRESIDENT Tom Foley (tefoley24@earthlink.net)
SECRETARY Chuck Ray (fishbig1@earthlink.net)
TREASURER Betty Ann Prevatt (bprevattpcc@aol.com)
PAST-PRESIDENT Dianne Molnar (capebrom@aol.com)

STANDING COMMITTEES CHAIRPERSONS

NEWSLETTER EDITOR Larry Giroux (DrLarry@comcast.net)
FALL SALES CHAIR Brian Weber (BrianWeber1b@aol.com)
FALL SALES Co-CHAIR David Praul (PalmTreeGardens@hotmail.com)
FALL SHOW CHAIR Steve Hoppin (steveandlarry@comcast.net)
FALL SHOW Co-CHAIR Betty Ann Prevatt (bprevattpcc@aol.com)
PROGRAM CHAIRPERSONS Debbie Booker/Tom Foley
(tefoley24@earthlink.net)
WORKSHOP CHAIRPERSON Eleanor Kinzie
SPECIAL PROJECTS Deb Booker
Senior CBS FCBS Rep. Vicky Chirnside (vickychirn@aol.com)
Co-Junior CBS FCBS Reps. Debbie Booker & Tom Foley
Alternate CBS FCBS Rep. Dale Kammerlohr (tropdsk@strato.net)

OTHER COMMITTEES

AUDIO/VISUAL SETUP Tom Foley (tefoley24@earthlink.net);
BobLura
DOOR PRIZE Barbara Johnson (lion56@aol.com)
HOSPITALITY Mary McKenzie (manytoes@aol.com);
Martha Wolfe
SPECIAL HOSPITALITY Betsy Burdette (betsy@burdetteinc.com)
RAFFLE TICKETS Greeter/Membership table volunteers - Luli Westra,
Dolly Dalton, Eleanor Kinzie, etc.
RAFFLE COMMENTARY Larry Giroux
GREETERS/ATTENDENCE Betty Ann Prevatt, Dolly Dalton(dollyd@comcast.net),
Luli Westra
SHOW & TELL Dale Kammerlohr
FM-LEE GARDEN COUNCIL Mary McKenzie
LIBRARIAN Sue Gordon
ASSISTANT LIBRARIAN Kay Janssen

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.

This month's front cover shows a guzmania cultivar growing at Color Zone Tropicals, the nursery owned by Grant and Magali Groves. See article on guzmanias in this issue and see more colorful photos of the Groves' nursery in the on-line version of the Meristem.



THE CALOOSAHATCHEE BROMELIAD SOCIETY

MEETING TIME AND PLACE:

August Meeting: SUNDAY August 19th, 2007

ST. JOHN the APOSTLE CHURCH 3049 MCGREGOR Ave. FT. MYERS.
DOORS WILL BE OPEN AT 12:30 FOR SETUP.

MEMBERSHIP SALES ARE PERMITTED at the August meeting.

Friendship plants Raffle items and Door Prizes are always welcome.
(Please contact Barbara Johnson if you have a Door Prize to donate.)

August Workshop

“Bromelioideae: Part II”

By Betty Ann Prevatt and Eleanor Kinzie
(Begins at 1:15 PM)

The remaining genera of the Sub-family - *Bromelioideae* (Genera beginning from H through W) will be discussed using plants of this Sub-family. Again we would like to use plants provided by the membership. Please read elsewhere in this issue about the plants we are asking members to bring to the next meeting.

August Program

“Bromeliad Trivia Bingo”

(Begins following the refreshment break)

Deb Booker, Tom Foley and Larry Giroux have created a bingo game utilizing bromeliad trivia. The questions are designed to educate members while playing two of America’s fun games - Bingo and Trivial Pursuit. Prizes will be awarded to the winners of each of the games that time will allow us to play.

(Donations of really nice plants as prizes would be appreciated)

The Caloosahatchee Bromeliad Society is an active Affililate of:



FM-LCGC



Cryptanthus
Society



Bromeliad Society
International



FCBS

President's Message

By Steve Hoppin

The CBS Show and Sale scheduled for Nov 30, Dec 1 & 2 are currently less than four months away. Time permitting, during the last two meetings, Brian Weber, Sales Chair and myself, Show Chair, have approached some of the seasoned CBS members about participating again as a Committee Chairperson at this year's Sale and Show. If you have not been approached, please understand that our list is still a work in progress. We appreciate the positive responses received to date and hope many others of you will join us in making this year's show even more spectacular than before.

At this next meeting I will provide for review the current list of the 2007 CBS Show and Sale Committee Chairs and Co-chairs. I encourage each of you to review the list and volunteer your time and energy at this event, whether it is helping in the sales area, on show committees or in the kitchen. There's a multitude of tasks great and small; any contribution you can make lessens the burden overall.

Assistance is always needed with show & sale set-up and dismantling, the staging and exhibition of plants, as well as during the Sales' hours on Saturday and Sunday. Specifically for the judged Show on Friday, there is need for entry, classification, placement, clerking, plant moving, and head table set-up help—before, during and following the Show. Please volunteer if asked by the Committee Chairs. It's fun work and you not only learn a lot about bromeliads, but also earn self-gratification for a job well done.

The publicity team headed by Betsy Burdette can always use a helping hand advertising this event especially with distribution of flyers and placement and removal of signage the day before and after the event. It is very important we promote our educational event and invite the public to attend both the Show & Sale on Saturday & Sunday.

Perhaps you could contribute to "The Kitchen", where our volunteer members can take a load off their feet, relax in good company and enjoy exquisite foods provided by members. Unfortunately, we don't have Peggy Bailey's notorious cream cheese and olive sandwiches anymore, but we sure do appreciate our other members' homemade fixin's and donations brought in for the 3 day event.

In the next few months we hope to address any and all concerns regarding the exhibition of plants and the sales of bromeliads and related items. As Show Chair I have coordinated with Eleanor Kinzie and Betty Ann Prevatt for the next few CBS Workshops to focus on different aspects of the up-coming show including selection and preparation of show plants, a few rules & procedures for entering plants and an actual trial panel judging. Sales Chair, Brian Weber will be addressing the sale rules, distribution of sale tags and any concerns regarding the Sales department.

Between the comradeship, good foods and fever of the show you are bound to enjoy yourself... and maybe come away with an exhibition award and/or a new plant.

SOCIETY NOTES

August Workshop

Since Bromelioideae is such a large Sub-family, containing 30 genera, our speakers have divided this group and spread the discussion over two meetings. For Betty Ann and Eleanor to thoroughly cover the rest of the Bromelioideae Sub-family, they are asking CBS members to again search among their plants and bring in representatives of the following genera - *Hohenbergia*, *Hohenbergiosis*, *Lymania*, *Neoglaziovia*, *Neoregelia*, *Nidularium*, *Ochagavia*, *Orthophytum*, *Portea*, *Puedoaechmea*, *Pseudoananas*, *Quesnelia*, *Ronnbergia*, *Ursulaea* and *Wittrockia*.

Although, again, some of these genera are more obscure than others, hopefully each member will find something to bring in to help along with the Workshop.

Welcome to New Member

Judith (Judy) Dugan

1705 Coral Way North Fort Myers, FL 33917

H- xxx-xxx-xxxx C- xxx-xxx-xxxx e-mail: dugan72@aol.com

CORRECTION TO ROSTER

Please correct Rosemary Fleming's telephone # to: xxx-xxx-xxxx

June Program

Many thanks to Jason Mellica for showing us his vast assortment of new cultivars. Many of our members were luck enough to purchase some of these "first releases" from the sales table, as well as many other interesting plants.

Jason has launched "**Level 21**", a website created to introduce Advanced Bromeliad Culture to the World. **Level 21** is based in Sarasota, Florida. At his "nursery", Jason maintains a supply of some of the best and most unique bromeliads from hybridists in Florida. Available bromeliads within the collection are constantly increasing due to his recruiting of new hybridists willing to join in his efforts ... with an emphasis on Australian and Hawaiian hybridists.

Jason invites all interested to visit the Contact Page at www.level21nrg.com and e-mail, call, or submit a special request on the form provided. If you are interested in a price list - e-mail him and he will send one to you by return e-mail in PDF format. Also seen at his websites are photos of his vast collection. Pictures of Jason's registered cultivars are now available for viewing at www.fcbs.org.

July Speaker

Dr. Terrie Bert introduced us to the unusual genera of bromeliads beginning with the letters A,B & C. For some of us this was our first exposure to these bromeliads. For many reasons this group of plants have not made their way into cultivation in any great number. Terrie's presentation allowed us to become much more familiar with their origin, requirements and appearance. Thank you Terrie for giving us a greater understanding of more of the Bromeliad Family.

Terrie also brought tables full of hard to find bromeliad species for sale at great prices. Hopefully many of you took advantage of these botanical bargains.

Bromeliad Expose By Larry Giroux

There are few genera of bromeliads which have affected the commercial flower industry of the world, more so than guzmanias. Although there are nearly 200 species of guzmanias, it has been the hundreds of beautiful and colorful cultivars, which have been produced from just a handful of species, during the last few decades, that have caused this impact in the plant market.

Although the genus *Guzmania*, named for Anastasio Guzman, an 18th-century Spanish naturalist and pharmacist, was established by Ruiz and Pavon in 1802, it wasn't until 1896 before the dust settled in the taxonomists' world and previously described bromeliads, which had been placed in other genera, were moved permanently into this new genus. As recently as 1942, an attempt was made to change the genus name on many included species of this genus. You will find many of the horticultural drawings during the 17th, 18th and 19th centuries, using the genus name – *Caraguata*, *Devillea*, *Massangea*, *Sodiroya*, *Schlungergera* or *Thecophyllum*, which are now considered drawings of guzmanias. The first species to be included in the Genus *Guzmania* in 1802 was *Guzmania tricolor*, which today is known to be a Peruvian type of *Guzmania monostachia* var. *monostachia*.

Guzmanias are of the Subfamily *Tillandsioideae*, along with other popular genera in cultivation including *Tillandsia*, *Catopsis* and *Vriesea*. Guzmanias and vrieseas are probably the most closely related; they share very similar habitats and growing conditions in nature and in cultivation. Unlike their nearest relatives, vrieseas, which sometimes can be found growing in drier habitats, guzmanias are found nearly exclusively growing in humid climates with the highest concentration of the various guzmanias found in the tropical rain forest extending from Columbia to Ecuador; however, the distribution of their natural habitat does extend from Florida, into portions of Central America, the Caribbean and the tropical areas of Brazil. They are found from sea level to nearly 10,000 ft. altitude. They are classified as epiphytes and are normally found growing on trees and shrubs, preferring warm and moist areas such as occur in rain forests. One of the native bromeliads of Florida is *Guzmania monostachia*, with a small population of the variegated variety localized to very specific areas of the Fakahatchee Strand in the South Florida Everglades.

The generic *Guzmania* is composed of a spreading vase shaped rosette of soft, solid green, spineless 18 in long leaves, although there are variegated, patterned and striped leafed varieties. One distinguishing characteristic found in most members of this genus is the fine reddish-brown longitudinal stripes at the base of the leaves. With the absence of the inflorescence, the presence of these fine lines can help distinguish guzmanias from the other members of its Sub-family. There is no typical inflorescence shape, but rather they can be cylindrical, cone-shaped, ball-shaped, branched or even basket like. The variety of colors of the bracts, has endeared this genus to all that see them for sale. Contrasting colors of yellow, orange, red, violet and every shade of purple right up to black can be had for a price.

As I had mentioned earlier in this article, there are only a handful of species, which are grown in cultivation, unless you are the serious hybridizer or

collector with a desire for the more rare. Most of these commoner species have been around a long time. They are usually only available from other collectors; expect the larger commercial nurseries to only sell the highly colorful, flowering, tissue cultured cultivars, which have flooded the market in recent years.

You would think with tens of millions of these plants being sold each year, people must be finding these very easy to grow. The truth is just the opposite. Most *Guzmanias* except those from higher altitudes such as *Guzmania squarrosa* are relatively cold intolerant. They can be grown outside only in tropical and subtropical regions and in the subtropical regions, occasionally they will need to be protected from a winter chill. In reality the vast majority of *Guzmanias* are sold to home and apartment dwellers who are satisfied to enjoy the colorful inflorescence



Seed pods of *Guzmania monostachia*. These pods are very similar to those of other members of the Sub-family Tillandsioideae, namely *Catopsis*, *Tillandsia* and *Vriesea*.

for several months, until the color fades and the inflorescence dries up. Often the plant is thrown away or left to its own muses. An entire industry has developed from the mass production of bromeliads such as *guzmanias*, *vrieseas* and *aechmeas* with inflorescences, which last for months. Hotels, restaurants, airports and such have contracts with companies to keep their public areas “in bloom” year-round.

However, the gardener need not dispose of his *guzmanias* once they are left with only the green leaves. Most *guzmanias* are very prolific and produce several offsets, which can either be separated from the old mother or left to grow in a clump with the mother

ultimately cut out. Their cultural requirements are minimal. They seem to prefer to be under potted. Use a plastic pot with a well draining epiphytic mixture of perlite, peat and pine bark or leaf mold. Outdoors or in the shadehouse prevent the plant from becoming dry by keeping the media moist. Indoors, especially when the air is dry, you might keep a pan of water beneath the plant and mist frequently. The winter time is their natural dormant period, so avoid keeping the plant too wet and hold off feedings until later in the spring when they start their growth spurts. More plants are lost in late winter or early spring when anxious growers drown or overfeed their plants before they are ready to “grow”. *Guzmanias* grow well below the canopy in the rain forest habitat and therefore only require medium light intensity. You can avoid burn spots from the magnification of the sun’s rays by water droplets on the leaves by watering in the early morning or late afternoon. Cold burn can occur in the winter if the water droplets on the leaves get too cold.

The more commonly available species in cultivation include *Guzmania monostachia*, *spucei*, *sanguinea*, *conifera*, *zahnii* and *lingulata*, both v. *cardinalis* and v. *minor*. With these few species and a limited number of other less common species, hybridizers in Europe – **Hans Gulz** : ‘Symphonie’, ‘Memoria’, ‘Calypso’,

(Continued on page 14)



Initially named *Guzmania tricolor*, *G. monostachia* was the first guzmania species placed in this genus. Left is a cultivated *G. monostachia* var. *variegata* at David

Shigii's nursery in Hilo, Hawaii. To the right is a typical "tricolored" inflorescence of this Floridian native.



Left is *Guzmania pennellii*, which resembles a vriesea and above is *G. berteroniana*, which resembles a tillandsia. Both of these guzmania species are seldom seen in cultivation. These pictures were taken at a Bromeliad Show about 1983 by Fred Ross.

Guzmania sanguinea, seen to the right, is one of the most attractive and unusual member of this genus. It looks like and

behaves like a **nidularium** at blooming with its inner leaves/bracts **changing** color. There



are color variations ranging from yellow-orange to orange to red of this species. Photo by L. Giroux *Guzmania zahnii* (left) is another guzmania used in hybridizing for its colorful foliage and unusually full, brightly colored, branched inflorescence. Photo by L. Giroux



Work by hybridizers with *Guzmania lingulata* has probably provided the greatest diversity in the commercial guzmania market. From the simple *G. lingulata* species, var. *lingulata*, (top left), var. *cardinalis* (top right is the variegated form 'Superb') and var. *minor* (not pictured), have been created a vast array of variegated and colorful cultivars. Pictured here are (2nd down on left) *G.* 'Ice Cream' a cv. of *lingulata* var. *minor*, (2nd down on right and 3rd down on left) are an albo-margined and variegated cultivars of *G. lingulata* var. *cardinalis* under development at David Shigii's nursery. (4th down on the left is the variegated *G.* 'Puna Gold' produced by David Shigii about 1975. This is a copyrighted bromeliad, which is sold not only as a "house plant", but as well as for its long lasting cut inflorescences.

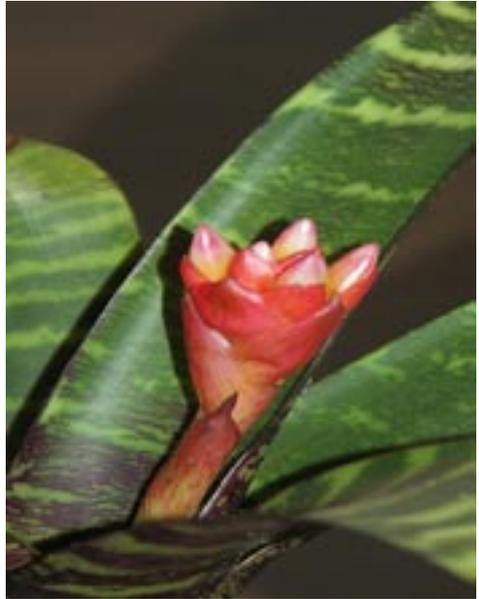
To the left is *Guzmania wittmackii*. Hybrids made with this species and *G. lingulata* also have contributed significantly to the commercial flower market these past 30 years. Such cultivars as 'Amaranth', 'Orangeade' and hundreds of others in rainbow colors are now available. Photo of *G. wittmackii* by Dorothy Berg, all others by L. Giroux.

Additional Guzmania Species

Guzmania conifera is an attractive, rather large plant with fire red floral bracts with yellow tips and flowers. Photo by Michael Andreas



Guzmania musaica the inflorescence with orange bracts and white flower petals is frosting on the cake for this uniquely mosaic patterned leafed bromeliad. Unfortunately it is a slow grower and pupper. In the highlands of Panama, the cut flower of this guzmania are sold in the marketplace to natives.



Guzmania conglomerata is a *G. lingulata* look alike from Ecuador and Peru. It resembles more so *G. lingulata* var. *cardinalis* with its inturning wide fire red bracts.



Guzmania 'Ultra' is an albo-marginated cv. of *G. lingulata* v. *minor* with attractive lilac-violet inflorescence. It has a European patent.

Guzmania lingulata cv. Black is one of the less colored natural cultivars of *G. lingulata*.



Guzmania Cultivars

Guzmania 'Insignis' won the best *Guzmania* at the Greater New Orleans Bromeliad Show in 1984. This is a cv. of *lingulata* v. *splendens* x *zahnii*, which was made by Dutrie before 1939. Photo by Fred Ross



Using *G.* 'Insignis' and crossing it back to *G. lingulata* v. *splendens*, DeMeyer in Europe produced *G.* 'Exodus', which has rich wine red foliage, with the color continuing up into the primary bracts. The inflorescence is topped by a closely branching head of bright yellow floral bracts and flowers. It was 25 years after 'Insignis' before 'Exodus' was created.



Another older cultivar, this one was made before 1977 by David Shigii, which has retained its luster in a very competitive market, is *G.* 'Kapoho Fire'. It is unique in many ways - red undersides of leaves, inner leaves infused with red, which continues along the stem and bracts; there is an explosion of orange-red flowers. The form pictured here is the albo-margined form, which is a more recent creation from Hawaii.

A recent practice among hybridizers is to cross guzmanias and vrieseas. The results are often thicker branched and taller inflorescences as seen in these three examples.



All photographs unless otherwise stated are by Larry Giroux



In this picture of the display by Herb Hill at the WBC in St. Petersburg in 2002, you can see many members of the *Subfamily Tillandsioideae*. Besides species like *Tillandsia dyeriana* and *streptophylla*, there appears to be a *Guzmania squarrosa* upper

center as well as a large *G. lingulata* cultivar to the left. Photo courtesy of fcbs.org.

Color Zone Tropicals, located in Winter Gardens, Florida is owned by Grant and Magali Groves, members of CBS. Last year I got a chance to tour their greenhouses. Enclosed are photos of some of the plants they are growing for both commercial and retail markets. To the left is a photo of one of the many greenhouses. Below is a sample of the *G. lingulata* hybrids grown at Color Zone Tropicals.





Many of the colorful cultivars available today are hybrids of *Guzmania wittmackii*. The photo to the left demonstrates one such cultivar at Color Zone, which has retained much of the *G. wittmackii* characteristics, but has developed exceptional height.

Besides guzmania and vriesea cultivars, Grant has created numerous neoregelias in an array of colors from neon pink to shocking reds and oranges. Pictured below are just a couple of these for which he has become renown. (Sorry I don't have their names.) In a portion of his growing area, Grant grows a variety of other plants, which he currently experimenting with. Below are some of the *Neoregelia* 'Hannibal Lector' crosses he is playing with. Unless otherwise credited, all photos by Larry Giroux.



Vulkan'; **Cornelius Bak**: 'Amaranth', 'Claret', 'Fiesta', 'Grand Prix', 'Grapeade', 'Ice Cream', 'Luna', 'Torch'; **Deroose**: 'Fantasia', 'Graaf Van Hoon', 'Gwendoln', 'Lemonade', 'Marjan'; **DeMeyer**: 'Tutti-Frutti', 'Orangeade', 'Fleur D'Anjou', 'Cherry'; in the United States – **Hummel**: 'Mayan', 'Naranja', 'Poinsettia', 'Tiki Torch'; **Nat DeLeon**: 'Superb', 'Cherry Smash', 'Spirit of '76', 'Wild Cherry'; **David Shigii**: 'Puna Gold', 'Kapoho Fire' and **Herb Hill**: 'Mango', 'Fireworks', 'Encore', 'Anita', produced during the '70s, '80s and '90s, cultivars with extraordinary colors and with an inflorescence life of many weeks. These were the fuel for the red hot market in flowering bromeliads for home decor, which still exists today as evident by the truckloads of guzmanias and other blooming bromeliads available at Home Centers.

During the last few years, guzmanias have become an increasingly important commodity at Color Zone Tropicals Nursery, which is owned by CBS members, Grant and Magali Groves. Located in Winter Garden Florida, the greenhouses cover several thousand square feet of benches devoted to the raising of guzmanias, vrieseas, neoregelias and several other genera; many of which are Grant's own cultivars. Separate from the commercial nursery, Grant has set aside an area for his personal plants where he is experimenting with new cultivars. At several meetings, Grant has treated us to some of his new crosses. Particularly interesting are the Guzmania and Vriesea, bigeneric crosses. On the front cover and in the on-line version of this issue I have included pictures of some of his new hybrids and pictures of the Groves' nursery. If you do not subscribe to the e-mail version, go to www.fcbs.org and find it under Affiliate Societies – CBS.

The majority of Guzmania species do not have flashy foliage. Although interesting, the inflorescences of many of the available species also lack luster. In the last 30 years, with the intense work of hybridizers throughout the world and with tissue culturing techniques becoming more effective, Guzmania hybrids, created



from a relatively small pool of species, of a rainbow of colors, have become available to all at inexpensive prices. Take advantage of the advances in technology and guzmanias' easy culture; and start growing these colorful and rewarding bromeliads.

As with all plants within the Sub-family Tillandioideae, when their seed pods open, thousands of airborne seeds are released as seen here.

Bibliography:

Bromeliads by Victoria Padilla. Crown Publishers, New York, NY, 1973.

Flora Neotropica Monograph No 14, Part 2 by L.B.Smith and R.J.Downs. Hafner Press, New York, NY, 1977.

Blooming Bromeliads by Ulrich and Ursula Baensch. Tropic Beauty Publishers, Nassau, Bahamas, 1994.

“Color My World with Bromeliads”

The CBS Show and Sale is less than 4 months away!

What can you do now for the CBS Show and Sale? Although there is little you can do as far as selecting the exact plants you will be entering, it is not too early to keep an eye on those, which look promising. These can be isolated or if they are already in an ideal location, they can at least be cleaned up and checked for scale. Damaged lower leaves of those plants such as neoregelias, can be removed to give the stem a chance to darken again, especially the Horticultural Display entries, that you will not be able to hide by burying the stems. Don't try to trim leaf edges just yet; it is always better to wait until just before the show, since they will have to be done again if you do the trimming too soon.

For the Artistic Divisions, start looking for unique **decorative containers**, which will compliment your plants both in shape, color and size. These can be found at flea markets, thrift stores, yard sales and dollar stores. You don't have to use that priceless vase of Great Aunt Georgina. Consider a top dressing, which will merge the container to the plants without distracting from the entry. **Artistic Arrangements** need to be created just hours or minutes before they are to be entered, so find a container, sketch a design (you can steal designs from calendars, magazines and previous entries, since no two entries are alike) and plan what kind of accessories and plant material you would like to use. Remember that artificial plants can not be used, but dried plant items, even painted dried plants are allowed. In this category you can enhance the surface of living leaves, but you can not paint them. Now would be the time to dry out living material to be able to use it in a Show entry.

Also in the Artistic Division is an 'Original Artwork' Section for drawings, paintings, sculpture, etc. You'd be surprised what kind of entries I have seen in this section. Remember the "Tin Cryptanthus", the bromeliads made with feathers or the embroidered pillow adorned with a guzmania? Show us your skills in creating bromeliads even if you have black thumbs!

This is the time to get prepared for the Sale. There are several things you can do in advance. Brian Weber, Chair and David Prall, Co-Chair of the Sale will be talking to you at each meeting until November 30th. You need to register with them and get an ID to identify your plants in the Sale. You need to estimate how many plants you plan on selling as well as the number of tables you will need. Check your tags from the last sale and ask Brian for new ones. You need to satisfy the requirements to sell - Be a paid-up member; attend two meetings (during Jan-Nov) as a member and for New Members you must have been a member 6 months prior to the Sale. You must enter plant(s) in the Show. And follow all Sale's rules. The entire list of rules will be available at the next meeting.

Our combined Show and Sale, held on alternate years, has always been an exciting time for all. Start making plans now to enter horticultural and artistic entries, sell your excess plants, buy new and different bromeliads and volunteer your services both in the Sale's tent, Show hall and kitchen. The fun you experience now will be the memories to make you smile later!

During the next four months there are 3 major bromeliad events taking place. Don't miss out!

1st Event - September 7th, 8th, & 9th

**33rd Annual Southwest Bromeliad Guild Show
& 10th International Cryptanthus Show
at the MCM Elegante Hotel in Beaumont, Texas.**

It is not too late to schedule a post-labor day vacation in Coastal Texas and enjoy Corpus Christi, Galveston, Houston and Beaumont with time in New Orleans, before or after the Shows.

Show organizers are needing donations of plants and bromeliad related items for the combined Auctions scheduled at the Saturday night Banquet. The Cryptanthus Society is soliciting cash donations for the show awards. All donations can be brought to the Show and Sale or be sent to Larry Giroux. Call him at 239-997-2237 or e-mail at DrLarry@comcast.net, you will be recognized for your generosity at the auction and in the CS Journal.

2nd Event - September 29th

**The 2007 Bromeliad Extravaganza
at the Airport Hilton in Fort Lauderdale**

Since there is no WBC scheduled for 2007, 2008, or 2009 in the United States, the Bromeliad Society of Broward County and the FCBS are trying to make this Extravaganza a grand event with raffles, seminars, sales, banquet and auction. This one day event should not be missed by any bromeliad enthusiast within driving distance. The hotel has discounted its rooms for us and the folks of the BSBC are going all out to make this a memorable event. Please see Ad elsewhere in this issue for hotel and further information.

Each year, the Auction organizers request each of the Affiliates of the FCBS to pledge 5 or so plants or bromeliad related items for the Auction. Please contact Steve Hoppin with any donations.

3rd Event - November 30th, December 1st and 2nd

**The CBS Biennial Bromeliad Show and Sale
"Color My World with Bromeliads"**

Please read the article in this issue about this year's Show and Sale and stay tuned for much more information in the months ahead.

We hope to give great prizes to headtable winners as in the past. We will be offering general awards and special "in memory of" awards. Please contact Larry Giroux about making a donation to these awards. Any and all contributions are greatly appreciated and recognized.

CBS JUNE & JULY MEETING MINUTES

DATE: Sunday, June 17, 2007. **Location:** St. John the Apostle's Metropolitan Community Church; 3409. McGregor Blvd., Ft. Myers, FL **ATTENDANCE:** 46 members and two guests. **WORKSHOP:** Steve Hoppin, Eleanor Kinzie and Betty and Prevatt; A review of the Bromeliad sub-family Pitcairnioideae. Assisted by Betty Ann and Eleanor, Steve Hoppin discussed the taxonomy and ecology of the 16 genera of Pitcairnioideae. On hand were examples of most genera of the Sub-family. Many were quite striking and nearly all were grown by the Workshop team. Betty Ann, Eleanor and Larry Giroux contributed on their cultural requirements. Thanks Steve, Betty Ann and Eleanor for the interesting and informative presentation. **CALL TO ORDER:** Meeting was called to order at 2:10 PM. Introduction of new members: None. Introduction of guests: Marlene Brodley & Ruthann Hawkins. Welcome to Marlene & Ruthann. **Reminder** by President Steve that fellowship starts at 12:30 PM. He encouraged members to arrive early to help with setup for the meeting, and to remain after to assist with putting things away. **MINUTES** of the May 2007 CBS General Meeting were published in the CBS June/July Newsletter. There were no corrections, additions or deletions. Motion to approve the minutes as published was made by Marlene Long, second by Robert Fasq. **OLD BUSINESS:** None was discussed. **NEW BUSINESS:** None was discussed. **COMMITTEE REPORTS:** Vicky Chirnside not present, but she sends word that the Australian books soon will be available. **ANNOUNCEMENTS:** 1. FCBS Extravaganza to be held Sept 29 at Airport Hilton, Ft. Lauderdale; 1870 Griffin Rd, Dania Beach, FL 33004. Tel 954-920-3300. Room rates are \$89 single or double. There will be sales, seminars and other events. For details see May CBS newsletter, also available at fcb.org; click on "Societies you can Join" and toggle down to CBS. 2. Ed Prince, a long time bromeliad enthusiast, judge and general supporter passed away recently. President Steve suggested a moment of silence in his memory, and it was silent in his memory. 3. Clyde Jackson, known to many through his association with the BSI and the CS, passed away recently. 4. Meristem: Editor Larry Giroux noted that the latest issue was for June/July, rather than the usual monthly edition. Larry urged members to read on line at fcb.org. **SHOW AND TELL:** Brian Weber displayed and narrated the taxonomy and cultural details of dozens of spectacular bromeliads that were brought for display by Brian and other members. **BREAK:** A 25 minute break was announced by President Steve. **REFRESHMENT SETUP** was provided by Mary McKenzie and Sue Gordon with help from others. Delicious snacks were provided by many members. **PROGRAM:** Jason Mellica, a recently joined member from Sarasota, presented a slide show of his many new hybrids, most of which are now registered. **RAFFLE** was conducted by Luli Westra and Larry Giroux with runners from the membership. **ADJOURNMENT:** The meeting was adjourned at 4:50 PM.

Minutes submitted by Chuck Ray, Secretary

DATE: July 15, 2007. **LOCATION:** St. John the Apostle's Metropolitan Community Church; 3409 McGregor Blvd; Ft. Myers, FL. **ATTENDANCE:** 45 members and

guests. **WORKSHOP:** “A Review of the Bromeliad Sub-family Bromelioideae; Part I”. By Betty Ann Prevatt and Eleanor Kinzie. Betty Ann & Eleanor provided a detailed description of 15 genera of the Sub-family, with comments on the naming of bromeliads; definitions of Genus, Species, Variety and Forma. Examples of nearly all the genera were provided for audience edification. Text of the presentation is attached as Appendix I. Thanks Eleanor and Betty Ann for entertaining and informing us with your continuing education. **CALL TO ORDER:** 2:05 pm by President Steve Hoppin; Introduction of New Member: Judy Dugan; Introduction of Guests: Nancy Brodley & Kim Hawkins. **Reminder by President** for members to arrive before 12:30 fellowship in order to assist with setup, and to stay after adjournment to restore the facility. **MINUTES:** The May minutes were approved at the June meeting. **OLD BUSINESS:** None for discussion. **NEW BUSINESS:** Terry Bert informed members of a breakdown of the Reverse Osmosis system for the Bromeliad Center at Selby Gardens. The failure is causing the loss of many bromeliads and orchids. Repair is estimated to cost \$20,000. Terry is urging CBS and other clubs to contribute, hoping to raise half the required funding and proposing that Selby Gardens match the contribution. Discussion followed but not action taken. **COMMITTEE REPORTS:** 1. 2007 FCBS Extravaganza scheduled for Saturday, Sept 29. Flyers with all information made available to members. Vicky Chirnside elaborated on some of the tours and other events and activities; she urged members to attend. 2. Vicky announced availability of the new Bromeliad book published in Australia. CBS will make available to members and public. (Following the Board meeting during the break, it was announced that the CBS would sell the book for \$18 to members. **ANNOUNCEMENTS:** 1. Larry Giroux announced the 33rd Annual SW Bromeliad Guild Show & 10th International Cryptanthus show to be held in Beaumont, TX, Sept. 7, 8, & 9, 2007. 2. Larry reminds members that the CBS newsletter, The Meristem, is available as an extended and improved version at FCBS.ORG. Members are urged to cancel hard copy subscription and use the website. 3. President Steve reminds members of the 2007 Show and Sale, Nov. 30, Dec. 1 & 2. Steve Hoppin is the Chair, Betty Ann Prevatt the Co-chair of the Show, Brian Weber is the Chair and David Prall is the Co-chair of the Sale. Contact Chairs for details. 4. Vicky Chirnside announced release of the Evil Weevil predatory flies at Lake Rogers Park by Dr. Frank Howard. The project funded in part by contributions from CBS. **TREASURY REPORT :** Betty Ann Prevatt presented the report. It is available from her by request. **SHOW & TELL:** Brian Weber showed and described several dozen specimens provided by members. Several of the examples were new hybrids created by members. **BREAK:** A 30 minute refreshment break was announced by Steve Hoppin. **REFRESHMENT SET-UP:** Provided by Mary McKenzie, Sue Gordon and assistants. Delicious refreshments provided by generous members. **PROGRAM:** Dr. Terry Bert, “The ABCs of Growing Unusual Bromeliad Genera”. Terry presented an outstanding show of rare genera, their habitats and cultural requirements Great show Terry; thanks from CBS. Also, besides selling many unusual plants at cut rate prices, the generous Terry donated several of her collection to the raffle table. We appreciate you Terry. **RAFFLE:** Many Bromeliads and related materials were raffled, with Larry Giroux narrating, assisted by Jeff Joffe and Dolly Dalton. **ADJOURNMENT:**

4:45pm

Minutes submitted by Chuck Ray, Secretary

EVENTS CALENDER

August 18 & 19, 2007- Seminole Bromeliad and Tropical Plant Society and the Florida East Coast Bromeliad Society Judged Plant Show A standard judged plant show to include bromeliads and other tropical plants. Sanford Garden Club Building, 200 Fairmont Drive, Sanford, FL . 9 AM - 4 PM both days. There will be plant sales and plant displays. Admission is free, and is open to the general public. If you have questions, please call 321-363-7351.

September 29th, 2007 - (Saturday only) The 2007 Bromeliad Extravaganza. Commercial and member sales, Seminars, Banquet and Rare Plant Auction. Special Dinner guest speaker, Chester Stotak, hybridizer from Costa Rica. All activities will be held at the Hilton Ft. Lauderdale Airport Hotel. Special rate of \$89 per single/double available. Reservations: (954) 920-3300. (Mention The Bromeliad Extravaganza) For more information about events and to obtain an ID number to sell please refer to your May 2007 issue of the FCBS Newsletter or call Jose Donayre(945) 925-5112 or e-mail him at jcadonayre@bellsouth.net. (Please include E2007 in the subject line when addressing e-mail.)

November 30th, December 1st & 2nd - The Caloosahatchee Bromeliad Society's 2007 Sale and Show Judged Show-"Color My World With Bromeliads", Friday, November 30th with Sale and Show Saturday, December 1st and Sunday, December 2nd. Terry Park, 3410 Palm Beach Blvd (SR80) Fort Myers, FL. You can contact Steve Hoppin at steveandlarry@comcast.net or 239-997-2237 for information.

June 2008 - BSI World Conference in Cairns, Australia. Inquiries to Lynne Hudson 47 Boden Street, Edge Hill QLD 4870 or Lynnie@Ledanet.com.au.

33rd Annual Southwest Bromeliad Guild Show & 10th International Cryptanthus Show

MCM Elegante Hotel

2355 IH 10 S, Beaumont, Texas 77705 (409) 842-3600

September 7th, 8th , 9th, 2007.

For registration form and schedule of events, e-mail Larry Giroux at DrLarry@comcast.net or call Cynthia Johnson at (409) 753-3652.



CALDOSAHATCHEE BROMELIAD SOCIETY

3836 HIDDEN ACRES CIRCLE N
NORTH FORT MYERS, FL 33903
E-MAIL - DRLARRY@COMCAST.NET

2007 Bromeliad Extravaganza

Presented by The Florida Council of Bromeliad Societies and Hosted by The Bromeliad Society of Broward County. Saturday, September 29, 2007 at the Hilton Ft. Lauderdale Airport Hotel, 1870 Griffin Rd. Dania Beach, FL 33004. 954-920-3300 or 954-920-3348 (fax). Room rates: Single or double \$89.00. Rates in effect until September 14, 2007. Sale, Seminars, Banquet, Raffle and Rare Plant Auction will take place at the same location. This Extravaganza and others which may follow will be the only major Bromeliad events in the Continental US as the 2008 World Conference will take place in Australia.

For more information about events and to obtain an ID number to sell please refer to your May 2007 issue of the FCBS Newsletter or call Jose Donayre at (945) 925-5112 or e-mail him at jcadonayre@bellsouth.net. (Please include E2007 in the subject line when addressing e-mail.)