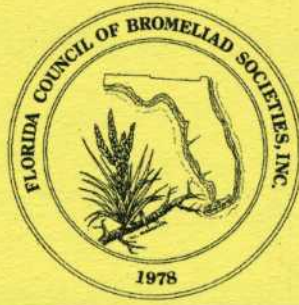
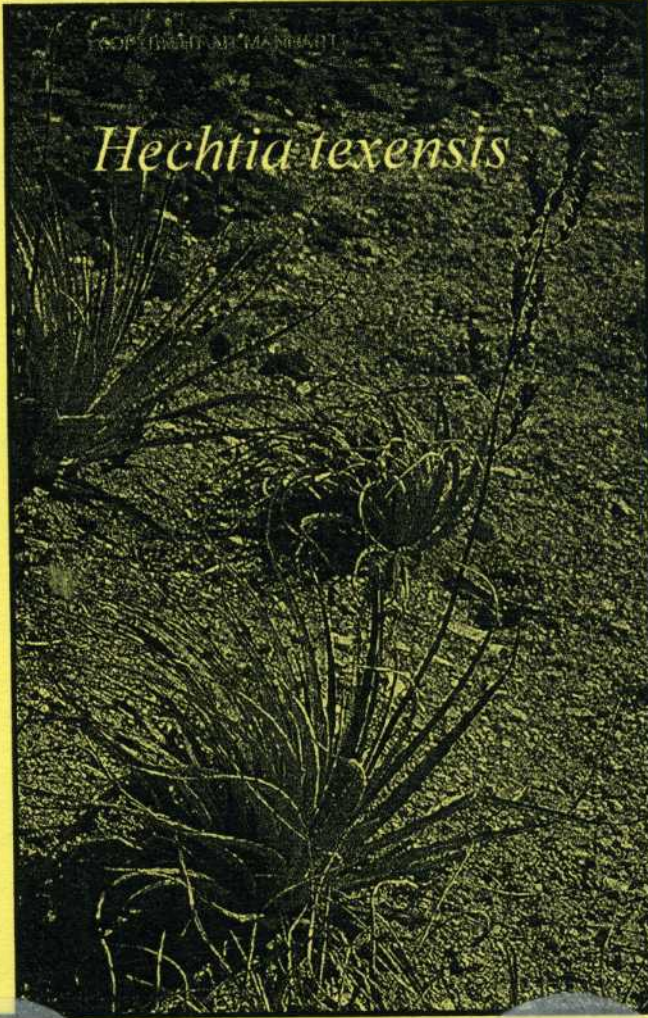


FLORIDA COUNCIL
of BROMELIAD
SOCIETIES INC.
Newsletter



Hechtia texensis



Photos by James Manhart
Texas A&M University
Vascular Plant Image Gallery (Bromeliaceae)
<http://fcbs.org/pictures.htm>

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The FCBS Minutes as written below are in draft. The full Council has not as yet approved them. Any substantial changes will be published in a future Newsletter.

**Florida Council of Bromeliad Societies
Minutes DRAFT (042502)
April 13, 2002**

Societies Present: Mark Havlik (Boca), Roland Schnabel and John Bankhead (BGTB), Eloise Beach, John Boardman (BSCF), Nat Deleon and Karl Green (BSSF), Vicki Chirnside and Larry Giroux

(Caloosahatchee), Jay Thurott (FECBS), Bob Dalzell (FWCBS), Carolyn Schoenau (JGBS), Terrie Bert and Inez Dolatowski (Sarasota), and Nancy Hall and Ed Hall (Seminole).

Others Present: Peggy and Ted Nuse (Treasurer), Leonard Dolatowski (Newsletter), Karen and Michael Andreas (Webmasters), and Barbra Larson (Weevil Research) and Pat Crocker (Gulfstream Natural Gas).

Societies Not Represented: Broward and Treasure Coast.

Call to Order: The meeting was called to order by Chair Terrie Bert at 12.48 p.m.

Gulfstream Grant: Pat Cochran gave a brief presentation about the \$4,500 Gulfstream Grant that had been awarded to FCBS. She solicited additional requests to her company in the future.

Secretary's Report: Terrie Bert asked if all had received copies of the Secretary's report. Only minor spelling corrections were suggested. Ed Hall moved and Bob Dalzell seconded that the minutes be approved with those corrections.

Treasurer's Report: Ted Nuse distributed a copy of the Treasurer's Report as of April 1, 2002. FCBS balance was \$2,013 and the Weevil balance was \$27,461. He reported that the following Societies had paid their membership dues as of that date: Boca Raton, BSCF, FECBS, FWCBS, Sarasota and Seminole. Those Societies unpaid are: BGTB, BSSF, Broward, Caloosahatchee, GJBS, and Treasure Coast. The rate is : \$10 per society plus \$3 for each member of that society. Ted asked that all unpaid societies please do so at their earliest convenience.

Webmaster's Report: A written report was distributed. As of April 12, there have been 93,565 visitors to the Council site. A profile of Morris Henry Hobbs will soon be included and essentials of the taxonomic history and synonyms of hybrid bromeliads shown in the various cultivar lists. Many photographs have been added to the site and many additions, changes and links have been made or are in process.

Weevil Report: Barbra Larson distributed a written report and gave a summary of progress concerning the weevil. The weevil has now been observed in Corkscrew Swamp Sanctuary and the Fakahatchee Strand Preserve State Park. Phil Fenner has been added to the list of seed growers. The flash cards are not yet completed but the flip charts have been. It was moved by Ed Hall and seconded by Ted Nuse that FCBS authorize the

Weevil Report (continued): printing of 500 copies of the flash cards. Discussion followed and the vote was taken. No dissensions. Carolyn Schoenau moved and Ed Hall

seconded that FCBS will purchase 200 of the flash cards. Discussion followed, a vote was taken and there were no dissensions. Karen Andreas and Paula White will approve the sample summary poster and slides for the FCBS.

Extravaganza Report: Jay Thurott gave a brief report of the upcoming plans for the 2002 Extravaganza. Location is the Daytona Beach Resort and Convention Center; room rate is \$59 or \$69 (the higher rate is ocean view); dates September 6 through 7, 2002; checkout on the 8th. Jay will furnish specifics to Inez Dolatowski to be published in the next FCBS Newsletter.

Displays at WBC 15: Roland Schnabel gave a presentation about society displays and exhibits for the upcoming world conference. Committed to date are five society displays and 11 exhibits. In addition, there will be commercial displays. Size is 6' deep, 10' high and 25' length (that is the maximum length). Anyone who wishes is encouraged to put in a tabletop display. Setup times are Tuesday - Thursday until 5:00 p.m.

WBC 15: Bob Dalzell reported that there were over 300 registrants for the conference.

Wally Berg Award: Terrie Bert gave a report of the nominees for the Wally Berg Award and reported that the BSI Board is voting or will very shortly vote for the winning candidate.

Judges School: Terrie Bert reported that there would be a judge's school during the WBC 15. This will be School #1. The cost is \$15 and anyone interested in taking the school should contact Betty Ann Prevatt. Students accepted up until a week before the conference. Students are asked to bring two Aechmeas for the judging portion of the school.

WBC 15 Artistic Arrangements: The theme for the artistic arrangements are Create Through the Snorkel's Mask, On the Dry Dock, and Through Binoculars. Anyone wishing to enter this portion of the show should contact Maureen Frazel at 954 474 1349.

BSI Membership Drive Winners: Carolyn Schoenau reported that Florida was the winning region of the membership drive that began September 1,

2001 and ended February 28, 2002. Two names of persons joining this region during that period will be drawn at WBC 15 and awarded a bromeliad book each. The Florida directors will also be recognized at the conference for their good work in this effort.

Bylaws: It was noted that FCBS Bylaws had been recently revised and that no additional changes are needed at this time.

Publication of FCBS Minutes: It was decided that the FCBS Minutes would be published in the most recent issue of the Newsletter without the full approval of the Board. The following disclaimer will appear: The FCBS Minutes as written below are in draft. The full Council has not as yet approved them. Any substantial changes will be published in a future Newsletter. The Minutes will be drafted by the Secretary and approved by the Chair prior to forwarding to Newsletter Editor for publication.

Society Dues Payments to FCBS: During the treasurer's report, it was pointed out how difficult this process seems to be. Societies have various fiscal

years, which makes it hard to coordinate their dues payments to FCBS. Carolyn Schoenau suggested that Inez Dolatowski send a roster of society members (via email) to the FCBS Representatives for each Society. The Representatives would then be advised to correct the roster and return it to the next FCBS meeting with the Society payment for dues. The Chair and those present approved this process to be instituted immediately with all unpaid societies as of this date. In the future, this will be done on a regular basis in January of each year.

FCBS Representatives: Terrie Bert will notify the clubs that are underrepresented and encourage them to participate fully in the FCBS. .

Awards for Distinguished Service: This topic was tabled until a future meeting.

Mulford Foster Video: Eloise Beach asked if anyone knew the whereabouts of a narrative to match this video. It was the general consensus that there probably was not one.

Future FCBS Meetings: Seminole will host the July 13 meet-

ing and the October 12 meeting will be hosted by the BGTB.

Adjourn: Nancy Hall moved for an adjournment and Vicki Chirnside seconded. Meeting adjourned at 4:30 p.m.

Respectfully submitted,

Carolyn Schoenau
Secretary

Florida Council of Bromeliad Societies Web Report
April 13, 2002
<http://fcbs.org>

As of April 12, there have been 93,565 visitors to the Council site. Approximately 150 visitors a day are coming to the site.

Using lists generated by BSI Cultivar Registrar Derek Butcher, Michael is creating two searchable databases: one is of bromeliad species; the second is of natural hybrids. Both databases should be posted to the web site within the next four to six weeks.

In response to a request for information that came through the FCBS site, Karen is writing a profile of Morris Henry Hobbs. She would appreciate any information, anecdotes or stories about him;

they can be emailed or mailed to the addresses listed below.

Added to the 'Uncle Derek Says' feature: *Nidularium cariacicaense*; *Billbergia 'Windigig Special'*; *Neoregelia 'Bossa Nova'* versus 'Sheba'; *Vriesea x morreniana hortus ex E. Morren*; *Portea alatisepala* versus *Aechmea rubrolilacina*; *Nidularium 'Leprosa'* take two.

Added to the 'Auntie Margaret Queries' feature: *Aechmea candida* / *Aechmea guarapariensis*; *Aechmea 'Anton'*.

Added to the 'Believe It Or Not' page: *Quesnelia imbricata* with double inflorescence; photos by Jere Rhine.

Posted the March, 2002, Newsletter of the Florida East Coast Bromeliad Society.

Added to Photo Index: The Gardens of Ed and Moyna Prince. Take a tour of the Prince's beautiful gardens. Also on this page are more than 100 photos of bromeliads taken by Moyna Prince.

Posted photos from Cryptanthus Society Journal, Vol. XV No. 2, Jul-Sep 2000 Issue; Vol.

XV No. 3-4, Oct-Dec 2000 Issue;
Vol. XVI No. 1, Jan-Mar 2001
Issue.

Almost 800 new photos have
been added to the 'Photo Index
Database' since the last report.
The pictures came from:

D. Sheumack
Jarka Rehak
Peter Franklin
Derek Butcher
Herb Plevier
Charles Dills
Eric Gouda
C. Larson
W. Timm
Renate Ehlers
Gerry Stansfield
R. Romanowski
John Catlan
Paul Isley
Keith Golinski
Vic Przetocki
Paul Wingert
Bob Spivey
George Allaria
K. Woods
M. Pascal
Geoff Lawn
Sam Smith
F. Hancock
Ivan Paulo, Jr.
Pedro Glucksmann
J. Rathjen
L. Robeiro
Moyna Prince
D. Bryant

Al Muzzell
M. Spencer
Herb Hill
Jim Irvin
Wilbur Wood
Don Beadle
R. L. Frasier
Chris Gill
G. Anderson
Bert Foster
L. Wetzel
Bud Dole
Alex Riemis
J. Georgusis
Jim Boynton
Keith Dawson
Luiz Felipe
Nevares de Carvalho
Ludwig Buckup
Gary Hendrix
Jim Elmore
H. Bullis
Chester Skotak
Harvey Beltz
Peter Tristram
J. Antle
Dean Fairchild
J. Racca
D. Oishi
Mark Dimmitt
B. Lucas
John Arden
L. Ariza
Bromeliario Imperialis
Mike Symmons
Dennis and Linda Cathcart
Keith Green
Antonio Miranda

Shigeko Matsuse
Mike Romanowski
Hiroyuki Takizawa

Michael will be taking photographs at the upcoming Bromeliad Society of Central Florida's annual Mother's Day Show and Sale as well as at the World Conference. If you would like to share your pictures of your society's events or pictures you take at the conference, they would be most welcome.

As always, articles, photographs and announcements for the web site are welcome. Pictures can be emailed to the web master who also can scan photographs and slides. All materials sent via snail mail will be returned to the sender.

Respectfully submitted,

Michael Andreas
Webmaster
webmaster@fcbs.org

Karen Andreas
karen@digital.net

**Why don't we wipe out
Metamasius callizona
(Mexican bromeliad weevil)
with chemicals?**

On the first Saturday in March, I had the honor of talking at a Bromeliad Symposium at Highlands Hammock State Park, together with Dennis Cathcart, Barbra Larson, and Harry Luther. Olan Ray Creel presented a fine collection of native bromeliads showing a wonderful variation in form and color of some of them, demonstrating that all kinds of evolution of local populations must have taken place in Florida. Dorothy Harris, Park Ranger at Highlands Hammock was the organizer.

When I finished talking, a member of the audience asked why chemicals cannot be used to eradicate *Metamasius callizona*. I have heard this question before from audiences, but have never answered it to my satisfaction. Here, I would like to address the question seriously, in a way that you and I have some facts and figures and arguments to use when someone again asks the same question.

If we seriously were to try to

eradicate *Metamasius callizona*, we should learn from the experience of the Florida Department of Agriculture and Consumer Services, Division of Plant Industry (DPI), which in more than one year has been faced with the task of eradication of local populations of Mediterranean fruit fly. As in the Medfly campaign, we have to kill them all (this must be a campaign of total eradication), because if we leave any surviving, they will quickly repopulate.

Mr. Ed Burns of DPI, who was involved in the Medfly eradication program, told me on 6 March that the cost of aerial application of ultra-low volume malathion in the Medfly program was \$6 per acre, which is a very low and competitive figure. Bromeliad growers have said that liquid Sevin is effective against *Metamasius callizona*. To apply liquid Sevin by air would cost considerably more than ULV malathion because of the volume involved, and because aircraft would have to return to base much more frequently to fill their spray tanks. For the sake of argument, let's guess that it would cost at least \$10 per acre if applied aurally.

My questioner asked why it is necessary to make aerial applications. I replied that the only alternative is to climb every tree that has a bromeliad in south Florida – and to do this for each tree several times. Thinking more about it, I see that it would take hundreds of crews with mechanical “cherry pickers” and spray equipment many years – and the weevils could still move faster by repopulating bromeliads that were sprayed some months ago. Aerial application has a huge advantage in speed and cost and is the only way that (technically) the project might work.

The 16 counties in south Florida from which *Metamasius callizona* has been reported total 16,766 square miles, and that is 10,730,240 acres. It would therefore cost at least \$107 million to spray these 16 counties. Worse, because we have to kill every weevil (and we have no evidence that Sevin will kill eggs and pupae, and we cannot be sure that a single pass of a spray plane will get chemical into every bromeliad because some places may be missed), we had best plan to spray about 5 times at intervals of 10 days, so the cost would exceed half a

billion dollars. The first message is that the cost would be over half a billion dollars. I think that we (the community that supports Florida native bromeliads) would have difficulty raising that much money, which is almost 100,000 times as much as FCBS has raised in any given year for weevil research. Or, if you think the government should pay, what part of the government will hand over half a billion dollars?

Of course we are not sure that we can solve the problem with biological control, but we are no more sure that we can solve it (from a technical perspective) with five applications of liquid Sevin. If we leave a single gravid female alive somewhere in south Florida, the half billion dollars are wasted. And who is to say that in Joe Blow's greenhouse (protected from the spray) there might not be a couple of dozen weevils that will later escape and repopulate all areas.

Large-area aerial application of chemicals has several other problems. Some are strictly environmental (some environmental problems have become legal matters), some are health-related (some health-related problems have become legal matters), and some are

strictly economic and legal. Let's start with the environmental.

If we were to apply liquid Sevin over 16 counties in hope of eradicating *Metamasius callizona*, we would also expect to eradicate all butterflies and thousands of other insect species in these counties. But don't get your hopes up – the insects most protected from harm would be those in buildings and underground, such as termites, fire ants, domestic cockroaches, cat and dog fleas – the very species that we want least. Side-effects of the applications could would kill birds and anything else that fed on those insects. Any bees not held indoors would also die – so insect-pollination of plants would be crippled for years, and this in turn would have very harmful economic consequences.

Liquid Sevin is not beneficial to people. All people would have to stay indoors while the spraying was taking place. This would result in a huge economic disruption to people. Some people with health problems (allergies and asthmatic conditions) would be in

even worse shape. The second message is that such spraying would be legally blocked by people who might suffer health consequences – just as happened when DPI sprayed ULV malathion – only now we would be talking about the human population of all urban centers in south Florida (Boca Raton, Miami, Ft. Pierce, Ft. Lauderdale, Ft. Myers, Naples, Port Charlotte, Sarasota, Stuart, West Palm Beach... etc.) and some rural populations, not just part of Bradenton.

The health problems would not end with people, but would extend to cattle, horses, cats, dogs, all other vertebrate pets, and wildlife. While cattle, horses, cats, and dogs might perhaps be held indoors during the spraying, people would not willingly accept the need to do this. Again, we might expect legal action. And there would be little hope for wildlife. Expect legal action on behalf of farmers and pet-owners. The legal problems would not end with health, but also would extend to property damage caused by the spraying. Expect a class-action suit by people whose car paintwork was damaged by the spraying, either to block the spraying or to re-

cover damages. The third message is that there would be other legal challenges and actions.

It would make no sense to spray over Lake Okeechobee and all other water bodies, so we can deduct the cost of spraying the area that they represent. We would reduce the cost and save money! However, it is also illegal to spray not only over water bodies, but even close to water bodies. In effect, we are not permitted to spray bromeliads at lakesides, in swamps, and along rivers and creeks, where bromeliads are especially abundant. Because we cannot do this, we cannot spray every bromeliad in southern Florida, and the plan does not work. The fourth message is that because it is illegal to spray chemicals over or close to water bodies, we cannot hope to spray every bromeliad in south Florida and kill every *Metamasius callizona*, and the plan will not work.

It also is illegal to spray chemicals in national and state and county parks and preserves. This is to protect wildlife in all its forms (not just vertebrate animals). The fifth message is that because parks and preserves may not be sprayed with chemi-

cals, the plan will not work to spray every bromeliad and kill every *Metamasius callizona* in south Florida.

A very few of the insects that would be eradicated by the spraying are butterfly subspecies that are federally-listed as endangered species (the Schaus swallowtail, etc.). The sixth message is that it is illegal for people to knowingly kill endangered species.

Above, six major reasons are given why chemical eradication of *Metamasius callizona* in south Florida will not work.

Some minor reasons are also explained.

Of course there is no reason why you should not spray chemicals on your own bromeliads in your yard, whether they are native Florida species or cultivated species. But I cannot tell you which is the most effective chemical to use because nobody has systematically compared effects of chemicals on this weevil.

Howard Frank

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PLANT WANDERINGS

March 2nd was the Bromeliad Symposium at Highlands Hammock State Park located in Sebring. The wanderers on this excursion were Terrie Bert and the Dolatowskis. The SBS had a good representation of our society as the three of us, the Cathcarts, Harry Luther, Karen Norton and Brian Sidoti all came to the symposium.

Dorothy Harris, the park ranger, treated us with "red carpet" treatment upon our arrival. Dorothy is one of the nicest rangers we have ever met. The symposium was located in a recreation center and there was a continental breakfast. The coffee pot was on all day, which was appreciated by all.

The first speaker was Dennis Cathcart, of Tropiflora. He brought samples of plant that he sells that are similar to plants here in Florida such as *Tillandsia pruinosa* and which is one that we would probably never see in the wild. He showed us slides of *Tillandsias* in natural habitat. It also spoke of preventative maintenance in nurseries that keeps weevils under control. We were shown slides of

Tropiflora and native bromeliads. Dennis spoke about the diversity of native bromeliads such as Spanish Moss, *Til. fasciculata*, *Til. balbisiana*, *Til. flexuosa*, which is known in the southern part of Florida mostly. Others include *Catopsis floribunda*, which is found in the Fakahatchee Strand and is very subjective to the cold, *Catopsis berteroniana* that is found in the Everglades and almost all gone with the draining of the Everglades as well as a *Guzmania monostachia* also found in the Everglades. It was a terrific program and enjoyed by everyone.

Harry Luther gave the next program in the Symposium. Harry, considered to be the "authority on bromeliads" gave a program on the biodiversity, distribution and general ecology of broms. Harry went into the characteristics of bromeliads such as the trichomes that are used instead of roots. He mentioned that about 60 % of epiphytes are mostly in wet, hot areas. The Andes of the Americas is the best place to see them. There are 17 species in Florida. Bromeliads provide food, shelter and water for a number of animals. Some are even carnivorous such as *Brocchinia reducta*. *Catopsis* in Flor-

ida is also known to be carnivorous. There are seven species that are protected such as *Tillandsia xerographica*, which has been highly exploited, and population in the wild is greatly reduced. With durable long lasting inflorescence is makes them especially popular.

Dr. Barbra Larson gave a program on weevils:

The Save Florida's Native Bromeliads project is an attempt by the Florida Council of Bromeliad Societies, the University of Florida, and the Florida Department of Agriculture and Consumer Services (Division of Plant Industry) to manage the weevil and conserve the bromeliad species at risk before the weevil is able to completely destroy them. The project's goals include both the immediate reduction in the damage being done by the weevil and the long-term protection of Florida's native bromeliad populations. The project has three components:

Management of weevil populations through classical biological control:

The candidate biological control agent is a specialist parasitic fly from Honduras that

attacks the immature stage of the weevil while in its tunnel. The fly will be maintained in a quarantine facility until non-target tests are completed to ensure that it will only affect the pest weevil.

Collection of seeds of bromeliad species at risk:

Seeds of the 11 bromeliad species threatened by the weevil are being collected from parks and other natural areas throughout south Florida. Volunteer nursery growers will germinate them, and the resulting plants will eventually be reintroduced to their respective places of collection once weevil populations are managed.

Educational outreach:

The ultimate success of the project requires greater public understanding of the problem and support for its solution. We will be providing educational materials to Florida Parks Service personnel and members of the state's 12 bromeliad societies for their use in educational programs and will offer additional resources for teachers and the public to further the appreciation of these endangered plants

Dr. Howard Frank's program on animals in bromeliads. Many bromeliads impound water in a central cup and/or in separate

leaf axils. The small bodies of water thus trapped may function as aquaria for aquatic organisms and are called phytotelmata. The animals and other organisms that live in them are not pests of bromeliads, but a few (some mosquitoes) cause problems for people. Outer leaf axils of many bromeliads hold no water, but they do hold decomposing organic materials and are humid. Many species of terrestrial animals seek refuge in these bromeliad terraria, especially in the dry season in neotropical countries. Dr. Frank elaborated on the animals including invertebrate animals and mentioned at about 15 species are known in South Florida that live in bromeliads. Kind of makes my skin "crawl."

We had a nice lunch at the Hammock Inn, which was a nice restaurant that was originally built by the CCC. Later we had a demonstration on what to look for and how to collect seeds. A

Correction to the FCBS Newsletter, Volume 22, Issue 1
Karl Green has advised that the picture of the plant on the cover of the last newsletter is not *Vriesea funebris*, which is what it was thought to be until it bloomed. It is actually unnamed at this time.

Off The Net

sign up sheet was passed around and people will have the opportunity to collect seeds in the wild on a future visit. We then had a field trip to one of the trails and got to see an incredible amount of plants. The first tree we seen had great looking *Tillandsia utriculatas*, orchids and resurrection ferns. We walked on a cypress boardwalk with gorgeous cypress trees and knees on both sides. There were a great assortment of *Tillandsias* and ferns and on the walkway was even a natural hybrid.

After the symposium we spent a couple of hours walking on some of the other trails. There were quite a few different plants including some we had not seen often or at all in other parks such as a "shoelace fern." There were some huge ancient oaks along the trail, which were quite impressive. Supposedly some are over 1000 years old. This park has about 3800 acres and has got to be one of the best in the state. We can't wait to go back. The next time they have an event like this even if it isn't bromeliads, you should try and go. It's well worth it!

Inez Dolatowski

Greetings everyone at FCBS. This is Olan Ray Creel (Ray). Here is the e-mail between me and Dr. Frank about how I found the Mexican Bromeliad Weevil in the Fakahatchee Strand State Preserve recently. (and misc. details). It's so sad. But It's also so very important. Surely this bit of info. will take the "weevil-problem" beyond the world of "bromeliad enthusiasts" and even the endless work of the FCBS into the realm of other environmental - political-financial "interests". Then again-maybe general apathy will still rule the day. We'll see. I'll also send some relevant photos ASAP. Write back and give me your thoughts. Ray

April 26, 2002

Greetings Howard, Have "verified" callizona in the Fakahatchee. Went on a hunt yesterday with park biologist Mike Owen. We found an adult callizona in a large *Guzmania monostachia* (note, the central core of the plant pulled free as happens in *T. utric.*, etc.) This was in the general area where I found an adult in *utriculata* on March 20th.

Also found one very large larva in a *T. fasciculata* and a small larva in *T. variabilis* some distance from that spot. Larvae were left with Mike to transfer to Barbra in one week. We found rather widespread damage to several Bromeliad species. Much of this damage appears to be from *M. mosieri*. In fact, *mosieri* damage was mysteriously severe in many places-both in and out of the Preserve.

A 'side' story: The local people seem extremely interested in the facts surrounding the likely disappearance of "their" native Bromeliads. While I was eating dinner in Everglades City Wednesday night.-(The Captains Table), I mentioned to my waiter why I was in town. Before I left, at least 5 or 6 people (locals) had either sat down at my table (along with the waiter) or "accosted" me (nicely) as I left. They were all well aware of the recent Naples Daily News article and seemed genuinely concerned. "Airplants" are a part of their local heritage. They instinctively understood-without me having to mention it-the possible threat to their way of life and their livelihoods (centered around tourism) if one of the most "tropical symbols" of that entire region were to disappear. What a tragedy that I had

no hopeful news for them. later, Ray

Date: Sunday, March 24, 2002
5:20 PM
Subject: Re: callizona

Howard, putting callizona aside for a moment, and I'll give you the details a bit later-It's possible Luther saw what I observed on this whole trip- which was almost universal damage from *mosieri*. Even large fascs. in many spots were found to be "stressed" by or dying from *mosieri*. For example, from the Alley several miles N. on Rt. 29, the Tillandsias on the scattered Cypress and a few Sabal Palms on the E. side were very affected by *mosieri*. *Balbisiana*, *setacea*, various seedlings and many mature fasc. were infected. Upon tearing open large, dead fasc's, I found no large cocoons or small ones for that matter-but I did find a few adult *mosieri*. It reminded me of what I saw with Barbra in Osceola County. There were also many dead stem remains but no evidence at all of callizona. (No large cocoons and the leaves were not detached from the base of larger plants-even in dying plants). Until, that is, I went to the in-

tersection of 29 and 858-where you found callizona - what - 3 years ago? I saw no utrics. in that area but at the NE corner, on a Cypress along the canal I found something that kind of surprised me (after all those mosieri's.) In a dead, aborted flowering fasc.-among some other dying fasc's, I found a live, adult mosieri and a dead adult callizona. Also, a large cocoon at the base of the plant. I was almost "taken aback" by the callizona--I was starting to think that everyone had been fooled by mosieri. Unfortunately, I forgot to make note before I left home as to whether or not you had actually "verified" callizona from that spot. Looks like you did of course.

I also found mosieri in Collier-Seminole SP in everything- including variabilis-and again, in some dying large fasc's. The "hotspot" there would be the Buttonwood along the salt-marsh where it blends into the hammock (by the boat launch). The utrics-especially at the park entrance area-looked suspiciously "sick". No way to check them.

On the Alley-eastbound-the fasc's. in the Big-Cypress also looked a bit suspicious. Seems to me that more should have been in bloom--and there were the occasional dead "stubs" also. Interestingly, west-bound on the alley--the fasc's on

the N. side as I entered the Big-Cypress looked "pristine" with rampant flowering. I could only think that maybe it's because they face S. and catch more winter sun. The mosieri situation appeared again-but less severe as I entered the Fakahatchee. This was mainly around the entire private homes and whatever toward the entrance.

The adult callizona was in a dying med. utric. at eye level, in a small area of some other dead utrics. most of which appear to have died after flowering. The area was thick with Guzmania and one or two showed some callizona-like damage to their central core as I pulled on them. Like I mentioned-without a permit I felt a bit nervous about "handling" too many plants. (Looking ahead at what may happen there, that sounds pretty absurd huh?) The adult weevil was shock enough.

**Florida Council of Bromeliad
Societies
Minutes
January 12, 2002**

Societies Present: Don Nores and Tom Wolfe (BGTB), Eloise Beach, John Boardman and Ed Hall (BSCF), Calandra and Jay Thurrott (FECBS), Al Muzzell and Carolyn Schoenau (JGBS), Terrie Bert and Inez Dolatowski (Sarasota), and Nancy Hall and Paula White (Seminole).

Others Present: Peggy and Ted Nuse (Treasurer), Karen and Michael Andreas (Webmasters), and Barbra Larson and Howard Frank (Weevil Research).

Societies Not Represented: Boca Raton, Broward, BSSF, Caloosahatchee, FWCBS, and Treasure Coast.

Others Present: Jim Pierce and Ron Schoenau.

Call to Order: The meeting was called to order by Chair Tom Wolfe at 1:02 p.m.

Secretary's Report: There was no secretary's report from the last meeting. The new secretary taking office on rotational basis at this meeting is Carolyn Schoenau (JGBS).

Treasurer's Report: The Treasurer's report was given by Ted Nuse. FCBS combined report showed a balance of \$58,368.78 as of November 19, 2001. FCBS balance \$2,502.38 as of November 19 and Weevil \$55,866.40 as of November 12. The Weevil fund had an additional \$4,900 added to its balance since date of the report.

Societies who have paid their dues for this year are: BSCF, FECBS, FWCBS and Seminole. All others please note that it is time for you to pay your dues.

The 2001 Extravaganza hosted by the BSCF donated \$2,335 to the Weevil fund from its auction proceeds.

BIC Quarterly donation from FCBS: Eloise Beach questioned the amount of the FCBS quarterly donation to BIC that appears in the Standing Rules. This was discussed and decided that the wording was unclear as to the true meaning. Paula White made a motion to change to wording (Standing Rule #4) "The FCBS should send BIC a \$50 donation quarterly subject to quarterly review by the Council." Seconded by Peggy Nuse. No further dis-

cussion. Motion unanimously passed.

Treasurer Coast Bromeliad Society: It was brought up that this society may no longer exist. Karen Andreas and Terrie Bert will investigate and see that the web site reflects whatever change might be necessary.

NOTE: On January 16, Karen Andreas emailed that she had spoken with Adele King and Adele says that the membership is down but the Treasure Coast society is still viable.

Web Report: Karen Andreas passed out the written Web Report. Highlights are: 1) 81,855 visitors as of January 11, 2002, 2) An information page concerning Bromeliads at Singapore Botanical Gardens has been added, 3) FCBS Bylaws and Standing Rules and many other items have been added to the web site and there have been many contributors of photographs. A question was discussed about whether to include contact information of Officers on web site. It was decided that a short statement will be posted on the Council website that if anyone wishes to contact FCBS Officers, that person can email the web master who will forward the email to the appropriate officer.

Weevil Report: Barbra Larson

distributed a written Weevil Report, which included information concerning biological control, seed collection (and seed growers), public outreach programs and grant status. Discussion followed about an upcoming symposium to be held March 2, 2002 in Sebring (see web site for details). Speakers will be Dennis Cathcart, Howard Frank, Barbra Larson and Harry Luther.

One-half of the day will be a field trip to observe native bromeliads. Any balance remaining in the Endangered and Threatened Native Flora Conservation Grants Program will either be spent or a no-cost extension requested prior to the expiration date of August 2002. Such an extension has been requested and awaiting approval. It was confirmed that the FCBS Grants Committee are Nat DeLeon, Ed Hall and Al Muzzell. Karen Andreas and Paula White agreed to work with Barbra Larson on the field guide bromeliad flashcards that will be used during seed collecting this spring so as not to delay publication of the cards. Drafts of other materials produced under the Gulfstream grant will be submit-

ted for approval at future Council meetings before final printing.

Extravaganza Report 2001: Ed Hall reported about the successful Extravaganza hosted by BSCF in 2001. He was appreciative of all the support and volunteer assistance that was received. \$17,633 were the total proceeds from the plant sales and the auction netted \$2,335. FCBS donated two World Conference 2002 registrations during the Extravaganza.

WBC 2002: Schedule of events was distributed by Tom Wolfe and Hattie Lou Smith's Update was distributed by the Schoenau's (in the absence of Hattie Lou Smith).

FCBS dues payments: Eloise Beach felt that the wording for when FCBS dues are due was unclear in the Bylaws, Article IV: Carolyn Schoenau suggested that the wording be changed from "following year" to "current year". The Article would then read: "Dues shall be payable by April 1 for the current year after written notification by the Treasurer." However, since this is a Bylaws change and not a Standing Rule change, it requires a 30-day written notification to the

membership prior to this change.

Speakers Roster: Tom Wolfe distributed a roster of speakers. The following suggestions should be added: 1) Jay Thurott – new area code is 386, 2) add the name of Jason Melica from Sarasota and 3) add Michael Andreas at 321 453 0366 (it was noted that for this speaker, the projector is quite expensive and should be discussed in advance of arrangements).

Rotation of Officers and Rotation of Hosting Societies: Tom Wolfe distributed this. It was noted that Treasure Coast would probably have to be removed from both of these rotations. Tom Wolfe will redo these schedules and distribute again at the next meeting.

Rotation of New Officers: The new officers are Secretary Carolyn Schoenau (JGBS), Co-Chair (FWCBS) and Chair Terrie Bert (Sarasota).

Chair Wolfe turned the meeting over to the new Chair, Terrie Bert. The members present thanked him for his efforts on behalf of FCBS.

FCBS Meetings: At the last meeting, it had been decided to have the FCBS October meeting in conjunction with the Extravaganza. Much discussion followed concerning this change in the rotation schedule. It was decided to table this discussion concerning the October meeting until the next meeting. Discussion then following concerning changing the dates entirely of this group and it was decided to leave the dates as they are presently scheduled.

April Meeting: The April meeting will be held at Selby Gardens on April 13, 2002.

Society Policy on Speaker Fees:

Eloise Beach asked that the representatives state what their policy is concerning speaker honorariums at their clubs.

BGTB
Provide a place to sleep
Encouraged to sell plants \$75
(distance dependent)

BSCF
Do not offer
Encouraged to sell plants \$75
(distance dependent)

BSSF
Provide lodging

Encouraged to sell plants \$125

FECBS
No
Encouraged to sell plants \$50

JGBS
Do not offer
Encouraged to sell plants \$100
+ 32 cents per mile

SBS
Provide a place to sleep
Encouraged to sell plants \$25-\$50

Seminole
Provide lodging
Encouraged to sell plants \$50
(distance dependent)

Some clubs take between 10% and 25% and others forego any percentage of speaker plant sales.

Society Policy on Name Badges: Eloise Beached asked what the Society policy is for providing name badges, both replacements and for new members. The group made the suggestion that the Societies not use pins.

BGTB provides badges free for new members. \$3 for replacements.

Caloosahatchee provides badges free for new members. Cost unknown. FECBS provides free badges for new members. Replacements cost 75 cents.

GJBS provides no name badges. Sarasota provides free name badges for new members. Replacements cost \$2.75. Seminole's policy is in transition. May ask members to pay \$4 or \$5.

FCBS Societies: Eloise Beach distributed an information sheet about each society in Florida concerning address, contact person, meeting times and places, dues, and show or sale information.

Extravaganza 2002: Jay Thurrott gave a brief report on the planning stages for the 2002 Extravaganza that will be hosted by FECBS. The dates are September 6 and 7, 2002 with the rare plant auction on the 7th. It will be held at the Daytona Beach Resort and Conference Center. This property now has a parking garage. More information will follow as details are de-

termined.

Possible Field Guide for Native Epiphytic Plants in Florida: Howard Frank proposed that FCBS might be interested in coordinating an effort to prepare and/or distribute a field guide for native epiphytic plants in Florida. This would include bromeliads, orchids and ferns. He felt that since we will already have the bromeliad flashcards that something might be worked out with both the Orchid Society and Fern Society to assist in sponsoring and/or disseminating this information. Al Muzzell voiced opposition to this proposal.

Karen Andreas and Paula White will work with Howard Frank on the feasibility of a native epiphytic Florida plant field guide and report back at the next Council meeting. It was suggested that Bruce Holst be contacted concerning Selby's publication of native epiphytic plants in Florida and IFAS needs to be contacted concerning what they might have available. Dr Frank pointed out that there is a retired botany professor that has pictures of all native orchids in Florida.

Upcoming Events: Eloise Beach distributed a summary of upcoming bromeliad events in Florida. 1) Leu Gardens Sale, March 23, 24, (Orlando) 2) May 10-12 Mother's Day Show (Orlando) and 3) May 15-19 World Bromeliad Conference.

Adjournment: Carolyn Schoenau made the motion that the meeting be adjourned, seconded by John Boardman. The meeting was adjourned at 4:20 p.m. Respectfully Submitted,

Carolyn Schoenau
Secretary

WBC2002 BROMELIAD

BEACH PARTY

The time is flying by like beach chairs in a hurricane! Be sure to register for the Conference with Carolyn Schoenau and make reservations at the hotel [1-888-843-6929]. April 13 was the cut-off date for hotel reservations. After that date, you may no longer receive the rooms at the agreed on \$99 per night. Be sure to men-

tion that you are attending the WBC. We are so excited that there will be at least eleven floor displays in the hotel. The displays put in by affiliate societies and the commercial growers will make the hotel lobbies very beautiful.

To receive a copy of the Conference Show Schedule and Entry sheets, please contact any Conference Committee Chair listed in the block. They can be sent by email or by regular mail.

For bromeliad lovers who are unable to register and attend all the exciting days of the Conference, we have Day Tickets available. To attend the Show, Exhibits and Sale the cost is \$5 for visitors with a \$2 discount to all who belong to any botanical society. To include the Seminars, the cost is \$35 with a \$10 discount for botanical society members. The Conference is open to the public Friday, May 17, through Sunday, May 19. The Conference closes at 3 PM Sunday, May 19. Those wishing to attend the Scientific Seminars on Wednesday, May 15 may do so at the Seminar rate, however, the Show, Exhibits and Sales will not be open.

Now is a perfect time for making the donations to Show Awards or

Scientific Seminars. All donations are tax deductible. We have some wonderful items that have been donated for the Raffle. If you have anything you would like to donate, you may bring it to the conference or get it to Kathy Risley or Hattie Lou Smith. Inez Dolatowski is extending Tour sign-ups for a while longer. If you are interested in optional Tour, please let her know.

Don't forget to make your entrée choice for the Banquet. Choices include beef, chicken or vegetarian meals.

GENERAL INFORMATION:

Hattie Lou Smith 941-694-1135

Ssmith1613@aol.com

Kathy Risley 727-442-5491

kathy.risley@gentiva.com

REGISTRATION:

Carolyn Schoenau 352-372-6589

bsi@nersp.nerdc.ufl.edu

DISPLAYS: AFFILIATE:

Roland Schnabel 813-988-7046

r.schnabe@gte.net

COMMERCIAL:

Dennis Cathcart 941-351-2267

tflora@gte.net

DONATIONS:

Don Garrison 281-358-2641

don.betty.broms@kingwoodcable.com

BANQUET CHOICE:

Bob Albanese 727-381-1210 ent-

boy@earthlink.net

TOURS: Inez Dolatowski 941-

748-2120 ldola-

tow@tampabay.rr.com

Rare Plant Auction

BSI Rare Plant Auction

Friday, May 17th 7:00 PM and the
Cryptanthus Society Rare Plant
Auction

Saturday, May 18th 3PM

Donations are needed

Please have them brought to the
WBC. If you are unable to attend
give them to a friend who will be
attending or contact

For BSI items: Michael Kiehl

941-488-4011 or mikes-

broms@aol.com

For CS items: Larry Giroux 941-

997-2237 or

n2finchs@peganet.com

Affiliate News

The Bromeliad Society of Broward
County members carpooled to-
gether and went on a garden tour
to several homes in South Broward
in April.

Bromeliad Society of Central Flor-
ida reports members George Al-
drich and Matilda Morabito were
winners in "Everybody's Flower
Show" held at the Daytona Beach
ocean Center in March. Matilda
took top honors receiving First
Place, Award of Merit and Horti-
cultural Excellence and overall
best of show for a Pachypodium
rosulatum and George was the
winner of the Bromeliad Division
receiving First Place and Award of
Merit for a beautiful blooming
Tillandsia ehlersiana.

The Bromeliad Society of Central Florida also participated in a huge plant sale held at Leu Gardens March 23-24th.

The Bromeliad Society of South Florida mentioned that Elton M.C. Leme, the author of "Bromeliads in the Brazilian Wilderness" and the three-volume set of "Bromeliads of the Atlantic Forest," ("Canistrum," "Canistropsis" and "Nidularium,") will be in St. Pete for the Conference, and will be happy to sign your copies of his books.

The Caloosahatchee Bromeliad Society had 51 members and guests attend an Auction in March with lots of great plants to bid on including some just released for the first time at CBS.

Upcoming Events

May 10-12, 2002 Bromeliad society of Central Florida
27th Annual Mother's Day Show & Sale
Florida Mall, 8001 S. Orange Blossom Trail
Orlando contact Eloise Beach 407-886-8892
Florida PRO@aol.com

May 13-19th
15th BSI World Bromeliad Conference Hosted by the Florida West Coast Bromeliad Society
St. Petersburg Hilton Hotel, 333 1st St. South
Downtown St. Pete 888-843-6929
More details on the fcbs.org and bsi.org websites

September 6-7th
Bromeliad Extravaganza 2002
Daytona Beach
Hosted by Florida East Coast Bromeliad Society

Farewell To Another Bromeliad Personality

Dr. Louis Wilson lost his long struggle with cancer on January 30, 2002. Lou was professor entomology at the University of Michigan for many years and wrote a colorful paperback book in 1977 entitled "Bromeliads for Modern Living." He was a former Director of the BSI and served actively in the Caloosahatchee Bromeliad Society in Fort Myers, Florida after retiring there several years ago. Lou was a fun loving guy who always enjoyed good humor and sharing his love of bromeliads with others. He is survived by his wife, Diane.

Tom Wolfe