

2000

Volume 20 Issue 1

Support Your Local Bromeliad Society

FLORIDA COUNCIL
of BROMELIAD
SOCIETIES INC.
Newsletter



*This issue is dedicated to the memory of
Carol and Geoff Johnson.*



Photo from the Florida Council of Bromeliad Societies
Inc. Web site

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As Chairperson of the Florida Council of Bromeliad Societies (FCBS)

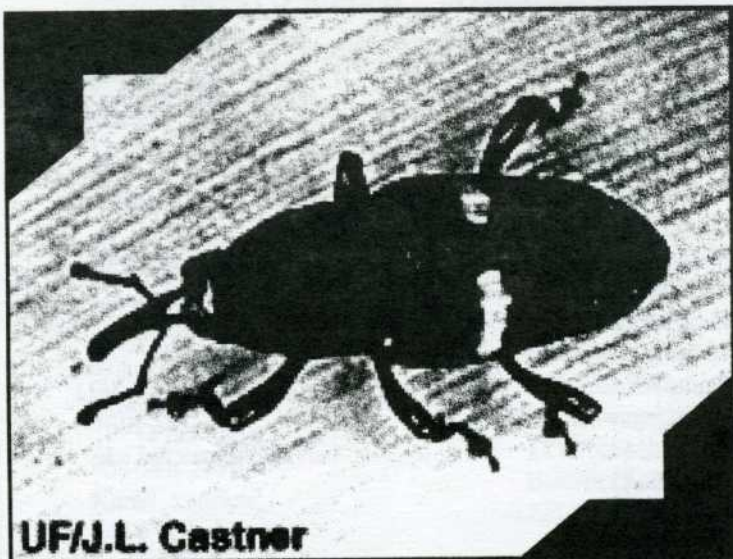
I want to thank all the bromeliad societies in the state for supporting the weevil effort. You have been doing a good job but don't believe because of the Treasurer's report you can relax your fundraising efforts. This year we expect to make some very exciting progress. This will lead to a rapid expenditure of all the available funds.

Please check your address and phone numbers, as it appeared in the September 1999 issue of the FCBS Newsletter. Report

any errors, omissions or changes expected this year to our editors at P. O. Box 1657, Tallevast, FL 34270 or Idolatow@tampabay.rr.com. I know there are numerous errors in that listing and area code changes are being made.

The FCBS greatly appreciate the willingness of our new editors to assume that time consuming job. Thanks Leonard & Inez. The FCBS still needs a permanent Treasurer. Our account is at Am South Bank with branches throughout the state. This position needs to be filled by the end of this year.

Edward Hall



UF/J.L. Castner

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Update on Weevil Project, April 2000

Since January, we have learned:

- The flies will parasitize *Metamasius callizona*.
- The flies can find and parasitize *M. callizona* in bromeliad plants (*Guzmania*).
- Although dissecting recently dead females and transferring fly larvae to weevil larvae on diet allows us to more easily monitor the flies, it is not the most effective method of increasing the fly population. Larvae within dead female flies do not always survive, and for those that successfully develop within weevil larvae on diet, they do not always come to the surface of the diet to pupate.

Several factors contributed to the loss of the fly population in quarantine:

- While some mating did occur under the conditions in quarantine, not all flies mated, and we still do not know the most appropriate conditions for mating.
- The first weevil larvae-infested plants were not put into the cage with the flies until the end of December, and by the second week in January, the adult flies had become inactive and were

beginning to die off. This means that we may have a greater chance of getting a higher second generation the next time by providing flies with weevil larvae-infested plants for the beginning.

- The temperature-control system in quarantine occasionally fails. On March 4, the cooling system went out, killing the 3 flies that were left. These included 2 female and 1 male. On March 9, a large, healthy female fly emerged, but had no male to mate with.

Current situation

- There are 2 greenhouses filled with about 5000 *Tilandsia utriculata*, held in support structures made with chicken wire around PVC piping.
- There is a weevil population in 2 greenhouses of approximately 1000-1400 larvae in approximately 1000 pineapple plants. We are working on improving laboratory rearing methods.
- Six adults, 5 pupae and 23 larvae of the native weevil.

- (*M. mosien*) were collected in St. Lucie County and brought to Gainesville on March 7. We are trying to work out rearing methods so that we have a population ready when testing of any natural enemy becomes necessary.

Next Steps

- Collection trip to Guatemala (June to August) to search for any natural enemies of the weevil that can be found.
- Possible return to Honduras in late fall to get more flies.
- Continued work on rearing of *M. callizona* and *M. mosieri*.

Estimated Costs for Successful Completion of Weevil Project

Gainesville:

Labor and materials to rear enough *Metamasius callizona* to produce 1000 flies for release: \$6,850

Additional labor to rear 1000 flies: \$1,820

Rearing cages and humidifiers for greenhouses: \$700

Additional rearing cages for quarantine: \$300

South Florida:

Collection of native weevil: \$160

Travel to release sites: \$ 925

Travel to assess effects of natural enemy at Release sites: \$1,850

Tables to set up infested plants for assessment: \$400

Guatemala:

Rearing supplies (artificial diet, cages, etc.): \$400

Honduras:

Airfare, lodging, meals: \$2370

Estimated total, excluding present salaries: \$15,775

Editors note: Project is a very success oriented program. Contains no contingencies for any potential problems. Salaries of approximately \$34,000 is not paid by the FCBS.



This may be slow work but
we'll win in the end

Catching up – Staying Even

This issue is dedicated to the memory of Carol and Geoff Johnson

Carol started the Newsletter in 1981 with a February issue and continued until 1998. Geoff then took over the duties of the Newsletter. When Carol first started the newsletter the Chairman was Erwin Wurthman of Valrico, FL, vice-chairman was John Bolin of Sarasota, Secretary was Morris Dexter of Bellair and Treasurer was Bernice Cornfield of Ft. Lauderdale. There was originally 9 societies in the council and each society had a reporter which wrote a paragraph or so about what was going on in their society. We don't know what the total membership was, but whatever it was trying to coordinate up to date membership lists for all those societies and getting reports from the different societies throughout the state is no easy task in those days with no e-mail. She also started off saying that she

wasn't going to put any cultural articles in and that people should attend their local society meetings for that, which is a great idea. But as we all know, she changed her mind, most likely because she wasn't getting news from the societies. She did a great job with a crummy computer and a cut and paste method. Even with poor health the newsletter still went out. After Carol's death, Geoff volunteered or was volunteered to carry on the newsletter duties. He did the best he could with limited computer skills but it's hard to play catch up with a mailing list of about 650 which is a job in itself just maintaining that.

Geoff was also the treasurer of the FCBS, then owner of Pineapple Place which he had to maintain all the plants, taking care of his ill father, plus he worked. Carol and Geoff

contributed a great deal to the bromeliad world. They will be greatly missed by all who knew them.

New Editors

We decided to take on the responsibility of the FCBS Newsletter as we feel this newsletter is an important part of the council and helps keep the societies informed and brings them closer together as one. As we all know it is better to read something than to hear it passed from mouth to mouth.

We have some experience doing newsletters. We've done the Bromeliad Society of Greater Chicago's Newsletter for 10 years when we lived in Illinois and we're now into our fifth year with the Sarasota Bromeliad Society Newsletter.

Some of the features we would like to incorporate into this newsletter are that we would like to have society reports from all the societies in Florida. We would like to mention show dates, and after those shows we would appreciate who won the top awards which would be Best in Show Horticulture &

Artistic, Best Cryptanthus Species and Hybrid and Sweepstakes if you give those, any special outings or speakers and/or special sales or auctions which would attract members from other societies for those events. Also we would like to do one society an issue on the history of that society.

In the coming months, we will be pestering all the societies for accurate membership lists including e-mails of their members and make it a project to get the full 9 digit zip code. It helps in mailing. **This is the Florida Council of Bromeliad Societies, Inc. Newsletter and we expect all societies to contribute to it.**

We are not paid professionals. We don't do this for a living. We are accepting no money for doing this, so keep your criticisms to yourself as only constructive suggestions are accepted.

Leonard & Inez Dolatowski

FCBS TREASURERS REPORT**1st QTR 01/01/00 – 03/31/00**

Beginning Bank Balance per Statement	\$18968.89
Beginning Bank Balance per G. Johnson's 1/8/00 Report	<u>18888.89</u>
Difference	\$ 80.00

BEGINNING GENERAL FUND PER G. JOHNSON \$ 3485.83
EXPENSES

#5201 Pineapple Place (computer upgrade)	\$1000.00
#5202 Kinkos (Legislative Delegation)	21.00
#5203 USPS (Bulk Permit #0226)	100.00
#5204 Postmaster (Ag. Committee Info Pack)	8.25
#5205 Edward Hall (Computer Supplies)	<u>28.58</u>
	\$1158.45

INCOME

Seminole BS (Dues)	\$ 70.00
CBS (Dues)	190.00
BSCF (Dues)	126.00
Sarasota BS (Dues)	<u>150.00</u>
	\$ 536.00

Ending General Fund (Includes \$80.00 difference) \$ 2943.38**BEGINNING WEEVIL FUND PER G. JOHNSON \$15403.06****EXPENSES** None**INCOME**

CBS	\$1606.00
BSSF	228.20
BGTB	300.00
Private Donations	<u>695.00</u>
	\$2829.20

ENDING WEEVIL FUND \$18232.26**TOTAL FOR ACCOUNT AS OF 3/31/00 \$21175.64**

Respectfully Submitted by Edward Hall



If you would like to send us something for this Newsletter, please do. You could use snail mail to :
POB 1657 Tallevast, Fl. 34270-1657
OR
E-mail to: Idolatow@tampabay.rr.com



FCBS FUNDING MISSION STATEMENT

Conservation Experience. The Florida Council of Bromeliad Societies (FCBS) has a membership of over 700 bromeliad enthusiasts. They conserve germ plasm of hundreds of exotic bromeliad species. Those who have native Florida bromeliads growing on their property also conserve these species. FCBS is an advocate of the preservation of native Florida bromeliad species: on learning of the damage caused to native species by the Mexican weevil *Metamasius callizona*, it began to fund research of this weevil with the objective of finding control methods. Funds were raised by bromeliad sales and auctions by FCBS member societies. Funds were thus provided to FCBS member Howard Frank, entomologist and specialist in biological control in the University of Florida's Entomology and Nematology Department. FCBS also provides funds to the Bromeliad Identification Center of the Marie Selby Gardens for studies in bromeliad systematics.

Existing Programs. The existing FCBS program in conservation of native Florida bromeliads is in research into a control method for the pest weevil *Metamasius callizona*. This has (a) tracked the spread of *Metamasius callizona* from county to county in southern Florida, (b) documented the origin of this pest weevil in Mexico, (c) documented which native Florida bromeliads have thus far been attacked (which led to the listing of some but not all of them as endangered species), (d) documented the genera of bromeliads (native and exotic) that the pest weevil is capable of attacking, (e) pointed out the risk to Florida's rarest of species of native bromeliads, (f) worked out the life cycle and behavior of this weevil, (g) explored in Mexico, Honduras, and Panama for this weevil and its natural enemies, (h) discovered in Honduras a parasitic fly that attacks a very close relative of this pest weevil, (i) is now testing the ability of the fly to attack *M. callizona*, and (j) supported a student in Honduras to investigate the biology of this fly.

Accessibility to Records. Records of FCBS are published quarterly in the Newsletter of the Florida Council of Bromeliad Societies. These records include minutes of board meetings, reports about *M. callizona*, and financial statements. Greater detail of the campaign against the weevil is given in a WWW site (<http://www.ifas.ufl.edu/~frank/wvbrom.htm>) and in the bibliography there cited. That WWW site is accessible not only directly but also from a link on the FCBS home page at (<http://fcbs.org>).

Collaboration. FCBS has regularly funded research at the Bromeliad Identification Center of the Marie Selby Botanical Gardens (MSBG) and through member societies has supported bromeliad propagation at Harry P. Leu Gardens, Orlando. FCBS has worked closely with the Bromeliad Society International (BSI) and its Conservation Committee, dealing with conservation matters on a state, national, and international level. Howard Frank has achieved a collaboration with six agencies: (a) the Division of Plant Industry (DPI) of the

Florida Department of Agriculture and Consumer Services, (b) The National Park Service, (c) MSBG, (d) Escuela Agrícola Panamericana, El Zamorano, Honduras, (e) Instituto de Ecología, Xalapa, Mexico, and (f) FONAIAP (Venezuela's national agricultural research agency). Collaboration (a) has operated since 1990 by means of the interest of Michael Thomas in resolving the problem of control of the pest weevil. Collaboration (b) has operated since 1996 in that personnel of the Research Department of Everglades National Park conduct their own surveys for the pest weevil in areas under their jurisdiction. Collaboration (c) has worked informally for several years due to collaboration of FCBS member Harry Luther, bromeliad taxonomist, and Director of the Bromeliad Identification Center, and more formally since summer 1997 in terms of interest of the Research Department Of MSBG in insects associated with native Florida bromeliads, and guidance by Howard Frank of a MSBG intern. Collaboration (d) has operated since 1993 with Ronald Cave, entomologist at El Zamorano, who discovered the existence of the parasitic fly *Admontia* sp. And in 1996-97 advised a student there. Collaboration (e) has operated in the homeland of *M. callizona* since a six-month sabbatical leave of Howard Frank in Xalapa in 1995. Collaboration (f) has operated for 12 months with a researcher (Dr. Jorge Salas) from FONAIAP, Venezuela.

Propagation and Reintroduction. FCBS has a high capability for propagating endangered Florida native bromeliads (included in its membership are at least ten well known commercial growers). FCBS has identified potential volunteers and can implement the necessary procedures to begin propagation once (a) funding for continuing the weevil program is secure and the necessary permits for collection of seed are secured from the respective agencies. Even now there are well-documented collections of seed from private property with the permission of the property owners.

Public Exhibits Programs. The thirteen member societies of FCBS hold monthly meetings and hold annual bromeliad sales at Fairchild Tropical Gardens and at the Marie Selby Botanical Gardens, and they have, in the past seven years, sponsored three World Bromeliad Conferences in Florida, all open to the public. A frequent item at these meetings is the conservation of endangered species, including fund-raisers for the conservation program. In addition there is constant attention to the on-going effort on both of the WWW sites mentioned earlier in the body of this text.

Florida Council of Bromeliad Societies Web Report
April 29, 2000
<http://fcbs.org>

As of Friday evening, there have been 29,400 visitors to the site. Internal hits to the site number more than one million; in the past month, over 150,000 internal hits have been registered.

Photo Index Database: All the photos on the site are now organized in a searchable database with 2,095 records. This database is searchable by Genus, Name, Remarks, Photographer, Species/Cultivar, Taxonomic rank, Hybridizer, Seed parent, and Pollen parent. Copies of the search form and one entry are attached to this report.

As many of you know, Wally Berg was a major contributor to the Council's webpage. He provided hundreds of slides and photographs of bromeliads in his collection and bromeliads in habitat, which certainly increased the appeal of the site. In honor of his efforts and his commitment to bromeliads, a page dedicated to the memory of Wally Berg has been added to the site. There also is an interactive page called the

Wally Berg Memory Page which will allow visitors to post their own memories of Wally which will automatically be added and an email sent to the poster.

Additions to the articles section of the site are: *AN AMATEUR'S GUIDE TO THE GREYISH LEAVED TILLANDSIOIDEA*-Compiled by Derek Butcher. This is a key based on petal color to help identify Tillandsias and Tillandsia-like Vrieseas. *CANOLA WHITE OIL*-*"oils aint Oils Soil!"* - an article by Rob Smythe, this was presented at the Cairns Bromeliads X conference and is about the use of canola oil for eradication of flyspeck scale and any scale for that matter. An interpretive nightmare- *THE AECHMEA DISTICHANTHA/WITTMACKIANA COMPLEX*-an article by Derek Butcher and Peter Franklin.

The domain name fcbs.org was renewed with Network Solutions for nine years at a cost of \$267.75 and a savings of 15% over the normal \$35 a year rate.

We saved \$47.25 by doing this and the name is registered until July 24, 2009. The Council will also avoid any rate increased during this timeframe.

Please encourage your society's members to contribute photographs, slides or scanned pictures and articles to the website. They can be mailed, or emailed.

Respectfully submitted
Michael Andreas
Webmaster

SHOW WINNERS 2000

Sarasota Bromeliad Society
May 6 & 7th

Best of Show Horticulture
Dyckia 'Brittle Star' - Dennis Cathcart

Best of Show Artistic
Tillandsia capitata
'Yellow' - Bill Timm

Best *Cryptanthus* Species
Cryptanthus lacerdae
'Menescal' - Harry Luther

Best *Cryptanthus* Hybrid
Cryptanthus 'Ocean Mist' - Bob Stickney

Sweepstakes - Bill Timm

Bromeliad Society of Central Florida

May 13 & 14th

Best of Show Horticulture
Neoregelia 'Donald' - John Boardman

Best of Show Artistic
Billbergia 'halleluah' - John Boardman

Best *Cryptanthus* Species
Cryptanthus microglazivii - John Boardman

Sweepstakes - Jim Pearce

EXTRAVAGANZA 2000

November 11, 2000
Host Society: Caloosahatchee Bromeliad Society
Ft. Myers, FL
Mark your calendars to be there now before you forget.



**FLORIDA COUNCIL OF
BROMELIAD SOCIETIES,
INC.**

**Business Meeting
April 29, 2000**

The meeting was held at the home of John Boardman, with a delicious lunch provided by the Seminole Bromeliad Society. Eighteen members attended the meeting that was called to order by Chairperson, Ed Hall at 1:10 p.m.

Ed Hall passed around the roster of the Florida Council of Bromeliad Societies Representatives and changes were noted.

OLD BUSINESS

The Secretary's minutes of the meeting held on January 8, 2000 taken by Miranda Maliborski was presented by Ed Hall. A motion to approve the minutes was made by Betsy McCrory, seconded by Cassandra Biglin; the motion carried.

Ed presented the Treasurer's report. A balance of \$21,175.64 was reported with \$2,943.38 in the general fund

and \$18,232.26 in the weevil fund. Ed mentioned there was a difference of \$80.00 in additional income from the previous Treasurer's report of January 8, 2000. He asked if all the societies paid their dues.

The Web Report was given by Karen Andreas. There have been 29,400 visitors to the site, this is an increase of more than 8,000 from the January meeting. She reported there is a Photo Index Database in which all the photos on the site are now organized in a searchable database with 2,095 records. An example was distributed of what the database looks like. A special page dedicated to the memory of Wally Berg has been added to the site that includes an interactive page called the Wally Berg Memorial Page. Additional articles to the site include An Amateur's Guide To The Greyish Leaved Tillandsioideae, Canola White Oil and An Interpretive Nightmare. Soon to be added is a Prof. Werner Rauh Memorial Page. Karen also reported the domain name fcbs.org was renewed with Network Solutions for

nine years at a cost of \$267.75 and a savings of 15% over the normal \$35 a year rate.

Karen requested that society's members be encouraged to contribute photographs, slides or scanned pictures and articles to the website by mail or email.

Barbara Larson-Vasquez gave an update on the Weevil Project, from the University of Florida. Since the meeting in January they have learned the flies will parasitize *metamasius calizona* and can find and parasitize *M. calizona* in bromeliad plants. They have also learned that transferring fly larvae to weevil larvae from recently dead female is not the most effective method of increasing the fly population. Dr. Howard Frank, Weevilmaster, also informed the council of factors contributing to the loss of the fly population in quarantine. It was reported that the temperature-control system in quarantine occasionally fails and on March 4 the cooling system went out, killing flies. A discussion was made concerning the problems with the heating

systems and a suggestion was made that a letter of concern be written from the Florida Council. Ed Hall agreed to write the letter.

There are no new updates with regard to grants.

A breakdown of the estimated costs for the successful completion of the Weevil Project was presented. The total estimate excluding present salaries of \$34,000 is \$15,775.00. Salaries are not paid by the Florida Council.

The next plan of action was presented which includes a collection trip to Guatemala by Barbara to search for any natural enemies of the weevil that can be found. Barbara announced she intends on paying her own air transportation. A motion was made by Al Muzzell that \$1,000 be allocated for expenses with additional funds not to exceed \$2,000 total, to be allocated through the discretion of Ed Hall. Karen Andreas seconded the motion. The motion carried.

A discussion concerning the weevil petitions was made and Ed Hall announced his belief that Geoff Johnson had sent the petitions. It was also reported that the Weevil Project had significant publicity with the Native Plant Society-Palmetto Division from Melbourne and copies of their publication were given out to members.

NEW BUSINESS

Ed Hall announced that Leonard & Inez Dolatowski volunteered to be newsletter editors. At this time the council has a bulk mailing permit at Lake Mary. Len & Inez will complete the newsletter, send the master to Ed Hall who will have the newsletter printed, stapled and mailed. He advised the cost of the permit is about \$100. per year. Inez & Len are to be given the computer previously used by Geoff Johnson for their use in preparing the newsletter and maintaining the membership list. A copy of the past newsletters was presented to Inez. Betsy McCrory offered to complete any issues that might be missing.

Ed Hall volunteered to be treasurer for the remainder of the year. Ed stated that additional endorsees need to be on the checking account. Cassandra Biglin and Betsy McCrory volunteered to the additional endorsers.

Extravaganza 2001 will be hosted by the Bromeliad Society of Central Florida and will be held at Leu Gardens in Orlando. Ed Hall will reserve the gardens, probably for October. Nat DeLeon made the motion to accept the Bromeliad Society of Central Florida as the hosting society, seconded by Cassandra Biglin.

Extravaganza 2002 - It was suggested that FCBS representatives confer with their local societies to discuss the possibility of hosting this event.

Ed Hall read a letter from Selby Botanical Gardens soliciting donations for the BIC. There were no nominations in favor. Archives - Mulford Foster videos were found as part of the FCBS inventory. A discussion was held on what to do with the

videos. It was decided that the videos would be held for the 2000 Extravaganza auction.

Area code changes - Karen Andreas announced that their area code is changing from 407 to 321 and is now operational. After November, area code 407 may no longer be used.

The next FCBS meeting will be held on July 8th in Ft. Pierce.

The meeting adjourned at 2:20 p.m.

Respectfully submitted,
Inez M. Dolatowski
Sarasota Bromeliad Society

**Florida Council of Bromeliad Societies, Inc.
Business Meeting
January 8, 2000**

The meeting was held at the home of Ed and Nancy Hall, with a delicious lunch provided by the Bromeliad Society of Central Florida. Seventeen members and two visitors

attended the meeting. The meeting was called to order by Ed Hall, Bromeliad Society of Central Florida, Chairperson for the year 2000, at 1:10 p.m. Don Norris, Bromeliad Guild of Tampa Bay, will serve as Co-Chairperson and Geoff Johnson, Seminole Bromeliad Society, will serve as Treasurer. Ed asked Miranda Maliborski, Seminole Bromeliad Society, to take the minutes for this meeting.

Geoff Johnson needs to have a copy of the officers for each Bromeliad Society in order to file the roster by May 1. Ed thanked Nat DeLeon for being the Chairperson for 1999 and the wonderful job that he did for FCBS.

Nat read the minutes from the meeting of October 9, 1999. A motion to approve the minutes as read was made by Karen Andreas, seconded by Geoff Johnson; the motion carried. Geoff Johnson reported a balance of \$18,888.89 in the treasury with \$3,485.83 in the general fund and \$15,403.06 in the

weevil fund. Karen Andreas made a motion to accept the Treasurer's report as reported seconded by Carolyn Schoenau. The motion carried.

OLD BUSINESS

Karen Andreas gave the Web Report. To date 21,000 visitors have hit the web site. She reported that the 'Information & Culture' and 'Articles' pages have been combined into one page called 'Bromeliad Information', there are new articles in the Culture section. Work continues on slides from Wally Berg's personal collection and there are 5,000 pictures already on the website. The webmaster still has slides that have been contributed by others to be put on the web.

A proposal to change the name of the website from "Florida Council of Bromeliad Societies" to Bromeliad Encyclopedia – Florida Council of Bromeliad Societies" had been received. The person making the suggestion believed the new name would more accu-

ately reflect the information on the website and should also return better results for the site with search engines. Discussion followed. A motion was made by Geoff Johnson to change the name of the website to "Bromeliad Encyclopedia – Florida Council of Bromeliad Societies", seconded by Carolyn Schoenau, the motion carried.

Karen reported that photos on the website will be fully searchable and photographs, slides or scanned pictures can be mailed to Michael Andreas, 617 Fifth Street, Merritt Island, FL 32953. The email address is webmaster@fcbs.org or the phone number is 321-453-0366. Karen reported that slides are returned to the owner.

Nat DeLeon stated that if anyone was having problems with the seed-growing project to call him. The seeds should be germinated by now.

The members then viewed a slide presentation by Dr. Howard Frank. The presenta-

tion informed everyone that progress has been made with the research. Dr. Frank with help from Barbara Larson-Vasquez, from the University of Florida weevil project, have identified that the Admontie fly lays her larva on the bromeliad where the *Metamasius callizona* weevil has mined on the bromeliad and the larva does kill the weevil. Research is continuing and because Dr. Frank is teaching this semester, questions can be emailed to Barbara at bclv@gnv.ifas.ufl.edu.

The business meeting continued with Nat DeLeon reporting that the Council had met early on with the DPI and there is an initial grant of \$25,000 which is immediate money and this is a direct result of the letter campaign. Geoff reported that special thanks go to Representative Stan Bainter for his help on our project.

Nat stated the next step is to find the names of the Agriculture Committee and that we should send information re-

garding the weevil to the members of the committee. It was also discussed that Governor Bush' people should be brought up to date with information regarding the weevil.

Discussion proceeded regarding the petitions and it was decided the petitions should be copied with one copy held for Governor Bush. Tom Wolf will get the information on how to channel the petitions. Geoff reported that the Native Plant Society-Palmetto Division from Melbourne would champion our cause. All petitions are to be sent to Geoff by March 1.



Vicky Chirnside, Caloosahatchee Bromeliad Society, will get back to Ed by January 12, as to whether that society can host the extravaganza in November. Vicky stated that if their society hosted the affair that it would have to be in conjunction with their annual sale.

Discussion was held on the project of visiting the Everglades. Vicky will get information for the Council.

Carolyn Schoenau reported that BSI has received 263 registrations for the World Conference. The membership as of September is between 1,600 and 1,700 members.

In the BSI board meeting report, Tom Wolfe reported that Nat DeLeon is an Honorary Trustee and will be honored at the banquet at the World Conference. BSI will also give the Wally Berg Cultivar of Horticulture Excellence award each year. Derrick Butcher has taken over the Cultivar Registration chair.

For the World Conference, Tom stated that many tours have been planned and programs presented by scientists and that this is a unique period with it being the 50th anniversary of BSI. New Directors starting January 1, 2000 are Bill Frazel, Dennis Cathcart and Moyna Prince. The next World Conference meeting will be at Tom's in the next month or so and Geoff will print a press release for the World Conference.

NEW BUSINESS

Geoff reported the next issue for FCBS will be the end of the month. He needs the roster on an 8 1/2 x 11 sheet of paper. A motion was made to adjourn the meeting by Geoff, seconded by Karen and the motion carried.

Respectfully submitted,
Miranda
A. Maliborski



If anyone was a better crypt logo,
please send me a copy