



FLORIDA COUNCIL
of
BROMELIAD SOCIETIES inc.

1984

Quarterly Newsletter.

This newsletter published quarterly by Florida Council of Bromeliad Societies, Inc. & mailed February, May, August & November to all paid up members of those Bromeliad Societies of Florida which make up the Council. Non-members may subscribe for \$2.00 year. Make checks payable to: Florida Council of Bromeliad Societies & mail to Carol Johnson, Editor, at the cover address.

B. I. C. UPDATE by HARRY LUTNER

Submitted herewith is the preliminary key to the Bromeliaceae of Florida. It does not adequately handle certain very polymorphic taxa, especially the variable hybrids (*T. fasciculata* var. *floridana* which very nearly integrates with *T. bartramii*). It should work quite well with the more distinct species.

Comments are welcome. Also included is a list of all the taxa (hybrids as well as species) known to occur spontaneously in Florida.

The rare plant auction at the State Bromeliad Show, held here at Selby Gardens on October 6 raised a total of \$1,230.00. Thirty rare plants were donated by the following growers:

Herb Hill, Tropiflora Nursery, Ervin Wurthmann, Nelson Redfern, Pat David, Nat DeLeon, Whit Merrin, Connie Johnson, Bill Frazel, Harvey Bullis, Dean Fairchild, Steve Correale and James Elmore.

Many thanks to those who donated plants and to the generous bidders. Lowest bid was \$15.00, highest bid was \$105.00. A detailed record of the auction is available on request.

A key to the Bromeliaceae of Florida based on non-floral or durable features.

- 1a Leaves distichous; inflorescence 1-2 (rarely 3) flowered 2
- 1b Leaves rosulate; inflorescence many (more than 3) flowered 3
- 2a Plants elongate, pendulous in festoons; inflorescence sessile;
corolla yellow-green *Tillandsia usneoides*
- 2b Plants short, densely clustering; inflorescence scapose;
corolla violet *Tillandsia recurvata*
- 3a Floral bracts imbricate, broad and covering all or most of the
rachis at anthesis 4
- 3b Floral bracts spreading and exposing most of the rachis at anthesis. . . 13
- 4a Flowers distichous 5
- 4b Flowers polystichous *Guzmania monostachya*
- 5a Leaf sheaths conspicuously inflated, pseudobulbous 6
- 5b Leaf sheaths nearly flat, not pseudobulbous. 9
- 6a Leaf blades involute; scape short; floral bracts densely lepidote. . . . 7
- 6b Leaf blades flat or channeled; scape elongate; floral bracts glabrous. . . 8
- 7a Inflorescence linear *Tillandsia paucifolia*
- 7b Inflorescence broadly elliptic *Tillandsia pruinosa*
- 8a Leaf blades contorted or spirally twisted. *Tillandsia balbisiana*

8b	Leaf blades nearly spreading	<u>Tillandsia polystachya</u> sensu small	
9a	Leaf blades linear subulate to filiform.		10
9b	Leaf blades definitely if narrowly triangular.		12
10a	Leaf sheaths ample, elliptic, slightly inflated, corolla violet.	<u>Tillandsia simulata</u>	
10b	Leaf sheaths small, broadly triangular		11
11a	Leaves finely adpressed lepidote, appearing green or red, not grey; floral bracts green or tinged red; corolla lavender. <u>Tillandsia setacea</u>		
11b	Leaves densely and coarsely lepidote; appearing grey; floral bracts pink; corolla violet	<u>Tillandsia bartramii</u>	
12a	Leaves soft, brittle; inflorescence simple or laxly 1-3 branched	<u>Tillandsia variabilis</u>	
12b	Leaves stiff, coriaceous; inflorescence densely digitate or pinnate	<u>Tillandsia fasciculata</u>	
13a	Flowers distichous		14
13b	Flowers polystichous		15
14a	Leaves relatively few, spirally twisted and banded, corolla pink	<u>Tillandsia flexuosa</u>	
14b	Leaves numerous, not twisted or banded, corolla cream	<u>Tillandsia utriculata</u>	
15a	Inflorescence erect; many-flowered; corolla white		16
15b	Inflorescence pendulous, few-flowered; corolla yellow. . .	<u>Catopsis nutans</u>	
16a	Leaves yellow-green covered with chalky powder; inflorescence few-branched	<u>Catopsis berteroniana</u>	
16b	Leaves bright or dark green, not covered with powder; inflorescence many-branched.	<u>Catopsis floribunda</u>	

EPIPHYTES OF FLORIDA
BROMELIADS

- | | |
|---|---|
| 1. Catopsis berteroniana (Schultes f.) Mez ex D.C. | 2. Catopsis floribunda (Brongn) L.B.Sm |
| 3. Catopsis nutans (SW.) Griseb | 4. Guzmania monostachya (L.) Rusby ex Mez |
| 5. Guzmania monostachya (L.) Rusby ex Mez
var. variegata hortus ex Nash | 6. Tillandsia balbisiana Schultes F. |
| 7. Tillandsia bartramii Ell. | 8. Tillandsia fasciculata SW var
clavispica Mez |
| 9. Tillandsia fasciculata SW var. densispica Mez | 11. Tillandsia flexuosa SW. |
| 10. Tillandsia fasciculata SW var floridana L.B. Sm.
Nat. hybrid (T. fasc. x T. bartramii) | 13. Tillandsia polystachya sensu Small
not T. polystachya, Nat. hybrid
(T. fasciculata x T. balbisiana) |
| 2. Tillandsia paucifolia Baker (Syn. circinnata) | 15. Tillandsia revurvata (L.) L. |
| 4. Tillandsia pruinosa SW. | 17. Tillandsia simulata Small |
| 6. Tillandsia setacea L. | 19. Tillandsia utriculata L. |
| 8. Tillandsia usneoides (L.) L. | |
| 20. Tillandsia variabilis Schlechtendal (Syn. valenzuelana). | |

FLORIDA COLD DAMAGE SURVEY

In Volume IV, Issue One, 1984, we published a cold damage form, requesting our members to report on the performance of their bromeliads during and following the Christmas, 1983, freeze. The response has been quite good, with the highest number of replies coming from Florida West Coast (Clearwater to Naples). There was no response from Miami, so assume it really is the "Magic City". In reporting the results I have eliminated all reports where plants were in a greenhouse or heated area and have selected 13 (what else?) representative reports. Locations are listed below and the columns in the summary correspond with the numbers on this list.

1. Kyle Brown, Glen St. Mary (Jacksonville area)
2. Glenna Simmons; Mt. Dora, Florida (Central Florida)
3. Chas. Schraudner, Orlando
4. Wm. Hoeck; Altamonte Springs, Fl. (Seminole County)
5. Ken Hudson, Hudson Nursery; Tampa
6. Helga Tarver; Clearwater
7. Kenneth Greaves; St. Petersburg
8. Patsy Worley; Bradenton
9. Viola Abel; Sarasota
10. Marjorie Crane ; Ft. Myers
11. W. B. Davis; Naples
12. Esther Fenton; Stuart
13. Barbara Kremp; Ft. Lauderdale

To refresh your memory, on the survey, plants were rated according to damage on a scale of one thru six, as follows:

1. Completely hardy at subfreezing temperatures.
2. Leaf damage, but no meristem damage.
3. Pups on spent plant survived, but spent &/or blooming plant killed.
4. Center leaves pull out - survival in doubt.
5. Plant rotted and fell off at the base. Complete loss.
6. Plant shows cold damage even at temperatures between 35 and 55 degrees.

Reporting on the damage survey has been delayed until this issue because it was felt that this is the time of year when our thoughts turn to such things. Who can worry about the cold in August? It has also come to my attention that many plants considered dead and pitched on the compost heap have produced offsets.

Note: Ananas comosus was not listed on the survey, but was reported by many to be delightfully hardy. In other instances, there seems to be varying degrees of damage to the same plants for no obvious reasons. Example: Two Aechmea orlandiana plants, in identical pots, were deliberately left outdoors on a wire bench at my place. One plant melted completely, the other survived with leaf damage and has since produced healthy offsets. Hybrids Aechmea x Partipie, Aechmea X Burgundy and Neoregelia X Marcon came through with minor damage in Central Florida. It would be interesting to know which of the surveyed plants had been heavily fertilized, the type of pots used, the soil mix and whether the plants were moist or dry during the onset of freezing weather.

Let us hope there will be no opportunity to repeat such a survey in the near future.

1983-84 FLORIDA COLD DAMAGE SURVEY

<u>Location No.:</u>	<u>#1</u>	<u>#2</u>	<u>#3</u>	<u>#4</u>	<u>#5</u>	<u>#6</u>	<u>#7</u>	<u>#8</u>	<u>#9</u>	<u>#10</u>	<u>#11</u>	<u>#12</u>	<u>#13</u>
<u>Coldest Deg. F.:</u>	<u>15</u>	<u>18</u>	<u>18</u>	<u>18</u>	<u>18</u>	<u>18</u>	<u>26</u>	<u>22</u>	<u>24</u>	<u>28</u>	<u>29</u>	<u>27</u>	<u>31</u>
<u>Plants Surveyed:</u>													
Aechmea angustifolia		5						4	2			5	
" blumenavii	5				1			1					
" bracteata		4		5	5		2		2		1		2
" bromeliifolia	2	2			2		1		2			1	
" calyculata	1	2	1		1			1	2	2	1		
" chantinii	5			5	5		2		2	2	4	5	
" chlorophylla												2	1
" distichantha v. Glziowa	4	4	2		1						1	1	
" fasciata				5	5	5			2	1	4	5	
" filicaulis							2		2				
" gamosepela	1	4	1	1	1		1		1	1	1	1	
" lamarchei		2	1					1					
" luddemanniana		5	4	5	2	6	2	2	2		2	2	1
" mcvaughii											1	2	
" mexicana		5			2				2			2	
" orlandiana		5	3	5	5	6		5	2		1	5	
" ornata v. nationalis	4	1		1	1				1		1	1	
" ramosa		5											
" recurvata (all sp.)	1			1	1		2			1	1	1	
" trititica									2			1	1
Billbergia elegans					2								1
" pyramidalis (summer)		4	2	1	5		2	2	2	1		1	1
" " v. striata		4	2	1	2		2	1	2	1	1	1	
" X Santa Barbara	1	1			2						1		
" venezolana		4		5	2				1	4			1
" vittata		2	4		2	2		1	1	4	1		
Cryptanthus beukeri				5			2		1				
" Cascade				5			2		1	1	2	1	
" "It"				5			2		2		1	6	
" zonatus				5			2		1		2		
Neoregelia ampullacea					2	1		5	1	1	1	1	
" carcharoden	5	5			5	2		2	1		1	1	
" caroliniae v. tricolor		5	3	4	2			1	2	2	1	2	
" compacta					5				2			1	
" concentrica v. plutonis	4	5	5	2	5				1	1	1	1	
" cruenta	5			4	2				2	1	1	1	1
" eleutheropetala	5			4	5						1	2	2
" 'fireball'				4	5	1		5	5			1	
" kautskyii					5	1					1	1	
" mooreana											2	1	
" princeps				4	5							1	
" tristis					2							1	

1983-84 FLORIDA COLD DAMAGE SURVEY

<u>Location No.:</u>	<u>#1</u>	<u>#2</u>	<u>#3</u>	<u>#4</u>	<u>#5</u>	<u>#6</u>	<u>#7</u>	<u>#8</u>	<u>#9</u>	<u>#10</u>	<u>#11</u>	<u>#12</u>	<u>#13</u>
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<u>Plants Surveyed:</u>													
<i>Midularium ferdinando-coburgii</i>					2							1	
" <i>innocentii</i> v. <i>inn.</i>		5	2	2	2				2			1	
" <i>billbergioides</i>					5				2				
" <i>regelioides</i>			2		2	3			3	3			1
<i>Canistrum fosterianum</i>					3		4		2	2	1	1	
<i>Orthophytum fosterianum</i>					5		4					1	
" <i>saxicola</i>					5		1	3			5	1	
<i>Portea kermesiana</i>					5	1	2	2					
" <i>petropolitana</i> v. <i>ext.</i>					5		2	3	1		1	1	
<i>Quesnelia liboniana</i>					2								
" <i>testudo</i>		2	2		2		2		1		1	1	
<i>Streptocalyx biflora</i>			6										
" <i>longifolius</i>					2				1				
" <i>poeppigii</i>											1	5	
<i>Wittrockia superba</i>					2							1	
<i>Dyckia fosteriana</i>				4	2				2	1	1	1	
" <i>leptostachya</i>		1			2				2			1	
<i>Hechtia texensis</i>	1				5				1				
" <i>rosea</i>					5							1	
<i>Pitcairnia burle-marxii</i>				5	5								
<i>Puya laxa</i>					1				2			1	
<i>Guzmania lingulata</i> minor			5		5		4		2	3		1	1
<i>Tillandsia brachycaulos</i>				5		1						1	
" <i>bulbosa</i>				5		1			1		1	1	
" <i>cyanea</i>				5		5			1		1	2	
" <i>fasciculata</i>	5			3	5	5			1		1	1	
" <i>filifolia</i>				1					2				
" <i>ionantha</i>				2		1			1		1	1	
" <i>multicaulis</i>				5									
" <i>setacea</i>				3									
" <i>tectorum</i>				1					1			1	
<i>Vriesea carinata</i>					2		2		3		1	1	
" <i>flammea</i>					2							1	
" <i>gigantea</i>					2		2		1			1	
" <i>glutinosa</i>					2		2					1	
" <i>guttata</i>												1	
" <i>malzinei</i>					5				1		1	1	
" <i>splendens</i>					2						1	1	

Minutes of the October 6, 1984 Meeting of FCBS

The Florida Council of Bromeliad Societies met at Marie Selby Botanical Gardens on Saturday October 6, 1984. Following a luncheon hosted by the Caloosahatchee Bromeliad Society, the meeting convened at 1:30 pm.

Attending: All societies were represented.

Treasurer's report was given by Terry Virta showing a balance of \$1683.14. It was reported that the following societies have not yet paid for bumper stickers: Broward County, Florida West Coast, Sarasota, South Florida and Central Florida. Income from bumper stickers was \$123. The bills for the Quarterly were mailed in August and were based on the third quarter roster plus \$25 per society. Dean Fairchild motioned [that additions and deletions are accepted without charge or refund.] Seconded by Polly Pascal. CARRIED.

Patsy Worley, President of the Sarasota Bromeliad Society, thanked the exhibitors and judges and reported 243 entries in the State Bromeliad Show. Publicity for the show was taken over by Selby Gardens. Discussion followed concerning the generation of more enthusiasm for and participation in the state show. Suggestions included holding the show in a central and permanent location each year or having shows on alternate World Conference years. Further discussion at the January meeting. Polly Pascal and Dean Fairchild motioned [that the name of the State show be changed to The Florida State Bromeliad Conference and Show.] CARRIED.

There are still 200 bumperstickers remaining and there has been little response thus far to the ad in the Journal.

Foster Book: Ed Hall reported that Michael Rothenberg has a copy of the book. Racine Foster is still interested in pursuing this project. More at the January meeting.

Judges Symposium: Polly Pascal reported that she sent 52 letters and has received only 5 responses so far. At the judges' meeting it was decided to have a workshop for judges on the second weekend in March at Selby, Leu or Fairchild Gardens.

Bill Frazel reported that the rotation of officers for 1985 would be:

Seminole Bromeliad Society	Chairman
Jacksonville Bromeliad Society	Vice-Chairman
Caloosahatchee Bromeliad Society	Secretary
Imperial Polk Bromeliad Society	Treasurer

Nat DeLeon motioned [that the rare plant auction, for the benefit of the Mulford Foster Bromeliad Identification Center, become a permanent part of the State Show and that the senior and junior representatives of each society be responsible for soliciting plants from growers in their area.] Seconded by Rose Schmidt. CARRIED.

Dean Fairchild announced that the dates of the next State Show and Conference will be April 26, 27 and 28, 1985 hosted by the Bromeliad Society of South Florida.

The January meeting will be held in Tampa. Motion by the secretary [to have the April meeting during the State Show in Miami hosted by South Florida.] CARRIED. Sarasota will swap hosting the Council meeting with the scheduled South Florida date.

No further business meeting adjourned at 3:40.

Submitted for approval:

Nick Ciccarello, FCBS Secretary, Jacksonville

1984 Florida International Bromeliad Show

October 6 & 7, 1984

Hosted by the Sarasota Bromeliad Society & the Florida Council of Bromeliad Societies, Inc. and held at Marie Selby Botanical Gardens.

Attendance: 1,272 over two days

Entries: 242 total plants entered, judged as follows:

(21)	95 or better
104	Blue ribbons
85	Red ribbons
30	Yellow ribbons
15	White ribbons
8	"Judged"

206 entries from Sarasota Society, 36 from other Societies

Awards:

Best of Show	Vriesea ospinae	Bill Radford
Sweepstakes		Vicky Chirnside
Division I	Cryptanthus beukeri	Bill Radford
Division II	Puya laxa	Bill Radford
Division III	Tillandsia tectorum	Robert Smith
Division IV	Tillandsia ionantha	Viola Abel
Division I-B	Hohenbergia correa-araujei	Bill Radford
Division II-B	Cryptanthus X Lirico Kaskin	Walter Berg
Division III-B	Vriesea triangularis	Polly Pascal
Division IV-B	Display	Viola Abel
Special Awards:		
Best Tillandsia	Tillandsia tectorum	Robert Smith
Best Vriesea	Vriesea ospinae	Bill Radford
Best Other		
Tillandsioideae	Vriesea platynema varieg.	Patsy Worley

Rare plant auction raised \$1,230.00 for the Bromeliad Identification Center.

GOODBYE 1984

This is usually the "Show Page", but the shows are all over for this year. Instead, in this space, I had planned to review the outstanding happenings and achievements of 1984. My list included the 1984 World Conference in Los Angeles, the return of the Journal to Florida, the six bromeliad shows produced in the state during the year. However, in trying to write about these things, it occurred to me that all, nearly, is a repeat of 1983. Our greatest achievement is that we keep on keeping on. The same people labor with the same love and dedication year after year, month after month. I have attended nine bromeliad shows in 1984 and judged in some of them. The Best of Show plant which stands out in my memory for the year is the *Pitcairnia tabuliformis* at the Jacksonville show, entered by Ron & Carolyn Schoenau. It, to me, epitomizes all that a Best of Show should include--rarity, beauty, difficulty of cultivation. Here's to more of the like in 1985.

This Quarterly would be impossible to produce without the newsletter editors throughout the state. I commend two who have been writing their society's newsletter the whole four years of the Quarterly's existence. They are Gene McKenzie of Caloosahatchee and Nelda Schwartz of the Jacksonville Bromeliad Society. These two ladies project their personalities and wit thru their newsletters and make what could be a nasty chore seem like fun. Then, there is Murray Cragin of the Northwest Florida Bromeliad Society, who sends me newsletters pasted with droll stickers (the latest: "I refuse to engage in a battle of wits with an unarmed opponent"). Outside the newsletter editors, it would be nice to have a whole list of contributors to thank, but this has not been the case. Harry Luther of the Bromeliad Identification Center at Selby has helped a great deal, for which I am most grateful.

A word to all you Program Chairmen: It would be a real service to your members and potential visitors to your society meetings if your programs were planned and published in advance. It has never been the function of the Quarterly to report on all the past programs, but your future programs are of interest to our mobile members. Deadlines for material for the Quarterly issues are February 1, May 1, August 1 and November 1. After those dates advance information is dead matter.

It is well nigh impossible to produce a publication from a vacuum. More and more this Quarterly becomes an individual effort and this it was never intended to be. As I do every January, I shall again in 1985 ask the Florida Council if they feel the finished product justifies the expense involved.

BEST WISHES FOR A MERRY CHRISTMAS AND A 1985 FILLED WITH GOOD WILL & GOOD GROWING.

NOTES: I have been contacted by a party interested in purchasing 50 small/medium offsets from *Hohenbergia stellata*. If interested, contact me for the name and address.

ROUNDING OUT THE SHOW SEASON: Best of Show at the Bromeliad Society of Central Florida show was *Tillandsia complanata* entered by Ed & Nancy Hall. Sweepstakes was won by Audrey McCrory. . . . Best of Show at the Caloosahatchee Bromeliad Society Show was a clump of *Aechmea orlandiana* entered by Bell St. Romain. Sweepstakes was won by Joe Bailey. Many thanks to the Caloosahatchee Bromeliad Society, whose members, though busy with their show, made flawless arrangements (including lunch and monitors for the point scoring) for the Judges Symposium held in Ft. Myers during their show.