

# The Atlanta Orchid Society Bulletin

The Atlanta Orchid Society is affiliated with the American Orchid society, The Orchid Digest Corporation and the Mid-America Orchid Congress.



Newsletter Editor: Margie Kersey

April 2009

www.AtlantaOrchidSociety.org

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#### **APRIL MEETING**

**Topic: Bifoliate Cattleyas** Speaker: Barney Garrison 8:00 pm Monday, April 13

Atlanta Botanical Garden, Day Hall



Barney is originally from Thomaston, Georgia. As a member of the Atlanta Orchid club since 1974 and a grower also since 1974, Barney has a wealth of knowledge about orchid culture. He was elevated to a full judge with AOS in 1984 and while his main interests are cattleya alliance hybrids and species, with a preference for species, he also grown a number of other varieties as well. He will be talking about growing bifoliate cattleyas and will not have plants for sale.

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Lc Bethune 'Indigo' AM/AOS Barney & Aileen Garrison,

The picture above is Barney's AOS awarded plant from November 2008. The picture below is a Cattleva named for Barney by Carter & Holmes.



'Barney Garrison' Younges Island x OwenHolmes 'Mendenhall'

#### THE ATLANTA ORCHID SOCIETY

#### **Officers**

President - Jeff Whitfield 770-634-6153 jeffers@theAtlantaOrchidCo.com

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Immediate Past President -Mark Reinke

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Geni Smith (2011) 678-817-1915 Geni.smith@yahoo.com Maureen Pulignano (2011)

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Hospitality – Geni Smith MAOC Rep – Doug Hartong catmando@mindspring.com

AOS Rep -Society Auction Chair / Orchid Digest Rep- Fred Missbach fredmissbach@aol.com

Newsletter – Margie Kersey Margie@callkbs.com

#### **Atlanta Orchid Society Meeting Minutes** March 9, 2009

The Atlanta Orchid Society Meeting was brought to order by President Jeff Whitfield. Visitors were welcomed and encouraged to join. New member Fred Pippin was announced.

The February meeting minutes were approved as published in the Newsletter.

Members were reminded that our Society Show is this week. Jeff and Roy Harrow reviewed setup, clerking and judging, plant registration, and breakdown schedules. Reba Herzfeld presented alphabetical sign-up sheets for members to bring food. Fred Missbach is donating a ham. Maureen Pulignano provided a new color brochure for recruiting members. Dues will be discounted \$5 for new members joining during the Show. There will be a Low Country Boil appreciation party for judges, clerks, and volunteers. Norman Fang donated Phalaenopsis plants to be given to new American Orchid Society members.

Fred reported that the Society plant auction will be Sunday, May 3 with details in the upcoming newsletter. He announced that next month's speaker will be our own Barney Garrison on the topic of bifoliate cattleyas. Also, Orchid Digest memberships are available.

The Green Growers at Marble Branch Farms will be in April, the International Phalaenopsis Alliance outing will be June 6, and Roy's auction will be July 25. The Mid-America Orchid Congress will be in Nashville in October, and Maureen has volunteered to do the Society exhibit.

Reba gave the Treasurer's Report, indicating that the checking account balance is \$9,198. She thanked Bill White for his computer help. Reba also indicated that membership cards have been distributed and that they provide a 10% discount at Hastings Garden Center

David Kessler presented the monthly judging results and thanked all members who brought in plants. Jeff thanked members for their offers to help and concern for his collapsed greenhouse.

The speaker was Michael Sinn of Canaima Orchids who gave an informative and entertaining presentation on Venezuelan cattleya species. Canaima Orchids will be a vendor at our Show this week.

Our thanks go to the table award judges: David Kessler, James Van Horne, and Ron

Our thanks go to those who brought plants for the raffle table: Helen Weil and Gene Gadilhe.

Our thanks also go to those who brought refreshments: Geni Smith, Marianne Gilmore, Joe Stickney, Cameron Carter, Dan Schwartzberg, Cora Bell and Ken Ramborger, Maggie and Tony Kiss, Terry Glover, Bob Grzesik, Reba Herzfeld, and others.

Roy conducted the plant raffle, and the meeting was adjourned.

Respectfully submitted, David Glass





Every year we have several new members join during the Orchid Show - and this year is no different! Please take the time to greet and welcome all of these folks!

#### **Andrew and Logan Bickel**

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#### **Evan Neil Tingle**

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#### Lin Zhang

678-401-3538

2003 Baramore Oaks Court Marietta, GA 30062

email: cattie100@gmail.com 404-817-4135

#### Orchid-lover needs to downsize

I expect to put my house and greenhouse on the market next month. I still have many 100s of plants, dozens of books and lithographs, boxes of supplies and other things I need to downsize. If you - or anyone you know- are interested in the house with 14'x22' greenhouse, please let me know. I have also reconciled to selling this striking one-of-a-kind Paph and Phrag mahoghany chest for \$900.

Linda Wish, orchidwish@comcast.net 404-252-5872



# **Table Awards**

Photos courtesy of Margie Kersey and Bill White Commentary courtesy of Mark Reinke Class I – Cattleya Alliance

# Blue- Rhyncolaelia Aristocrat - Maureen Pulignano

This primary hybrid between *Rl. digbyana* and *Rl. glauca*, the only two species in the genus, is a thing of graceful beauty when, as in the blue ribbon example, it inherits the best of both parents and is well grown. Though basically a pale, icy green flower, there is color variation in both species that sometimes results in a bronzy cast to the sepals and petals, especially on the reverse. Some will inherit the red throat spot of *Rl. glauca* while most will not, the amount and quality of lip fringe will vary, and many will have too



Rhyncolaelia Aristocrat

much reflex to the segments to please the judges. But a good example, despite bearing a single flower per inflorescence, and but once per year, is a real prize to orchid connoisseurs around the world. The fragrance is often outstanding, with lemony overtones. While both species involved have been used extensively as a parent and are present in the ancestry of many thousands of modern hybrids, *Rl. Aristocrat* has but 6 registered offspring to its name. While tolerant of cool to hot temperatures, this orchid must have high light to flower well, and mature plants must dry out between watering, so grow it mounted, in a basket, or a clay pot with large, porous media, and place it high in the greenhouse for the best results.

Red – Guarisophleya Ken Battle 'Gold Crown' HCC/AOS – David Glass

White – *Guarisophleya* Fire Dance 'Patricia' AM/AOS – David Glass

**Class II – Cymbidium Alliance** 

Blue – Cymbidium Dorothy Rowe 'Showoff' Bronze/CSA x Candy Floss 'Hyperdrive' – Carl Quattlebaum

While multiple species and many generations of breeding go into this attractive rose purple *Cymbidium*, the color and pattern are dominated by *Cym. insigne*, a species that occurs in the mountains of south and central Vietnam, as well as northeast Thailand at elevations between two and five thousand feet. The



Cymbidium Dorothy Rowe 'Showoff' Bronze/CSA x Candy Floss 'Hyperdrive'

low temperatures in this region in winter do not generally go below the mid-50's, and likely help make caring for this hybrid easier in this climate when compared to those whose dominant species come from higher elevations in the Himalayas, where winter nights routinely fall near freezing.

Red - Cymbidium Devon Wine 'Burgundy' - Carl Quattlebaum

White - Cymbidium Honey Bunny - Sugar Candy' - Carl Quattlebuam



Dendrobium Oriental Smile 'Fantasy' AM/AOS

#### Class III - Dendrobium Alliance

# Blue – *Dendrobium* Oriental Smile 'Fantasy' AM/AOS – Ellen Brand

At the Eighth Seiyu Nagahama Orchid Expo in February, 1997, Dendrobium Oriental Smile received the Award of Distinction from the American Orchid Society for "worthwile new direction in color pattern." Working with Den. nobile and five other species over 12 generations of breeding that started in 1876, hybridists were able to produce a stunning achievement of color and pattern that could scarcely be imagined when looking at the original genetic material involved. The 'Fantasy' clone went on to earn an Award of Merit from the AOS in Louisville, KY in 2006, but is certainly not the only strikingly colored cultivar from this cross. The Den. nobile hybrids prefer intermediate temperatures and benefit from nights in the 50's during fall and winter resting season. While they like to be kept moist and well fed when

actively growing, fertilizing should be discontinued entirely during the rest period, and water reduced significantly, especially if the humidity can be kept above 50 to 60 percent. This treatment will help promote flowers rather than kiekies in the spring.

#### Red - Dendrobium loddigesii - Richard Hallberg

White - Dendrobium Yellow Chinsai 'Little Joe' HCC/AOS - David Glass

#### **EVENTS OUT AND ABOUT**

**April 13** - AtlOS Meeting

**April 11 -** Atlanta Judging Center

**April 12 - Easter** 

May 3 - Society Auction and Social, American Legion Post 140 near Chastain Park Noon until 4? Please bring a covered dish to share

**June 3 - IPA** (Int'l Phaleonopsis Assoc) meeting at Lines Orchids in Chattanooga

**June 27 - Greengrowers Tour**, Marble Branch Farms, Walhalla, SC details to follow

**July 25 - Orchid Auction**, Roy Harrow's home, 10% of all sales and purchases donated to society of your choice.

April 17-19 - Deep South Orchid Society Show, Savannah Mall, 14045 Abercorn St., Savannah, GA. Contact: Sandra Hardy, 13604 Rockingham Rd., Savannah, GA 31419; (912) 572-3355; <a href="mailto:state-time-state-

May 15-17 - Memphis Orchid Society Show, Memphis Botanic Garden, 750 Cherry Rd., Memphis, TN. Contact: Charles G. Wilson, 1775 Keenlan Dr., Hernando, MS 38632; (662) 429-2704; zooemeritus@cs.com.



Class IV - Epidendrum Alliance

**No Entries** 

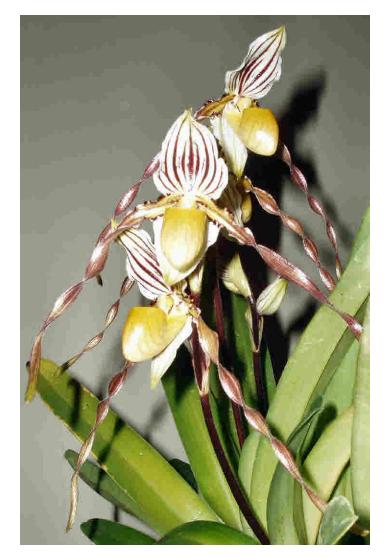
Class V - Oncidium Alliance

**No Entries** 

Class VI – Cypripedium Alliance

# Blue – *Paphiopedilum philippense* – Richard Hallberg

The multifloral, or 'strap-leaved' paphiopedilums, such as Paph. philippinense are generally considered more difficult to grow and bloom successfully compared to other members of the genus. They prefer much brighter light (moderate 'cattleya' light) and need a more marked drop in night time temperatures in order to bloom well. *Paphiopedilum philippinense*, as its name implies, comes from the Philippines, as well as NE. Borneo, where it grows as a lithophyte on limestone outcroppings (often among the roots of Vandopsis lissochiloides!) on the edges of evergreen jungle. It therefore wants a higher pH than the mottled leaved types which grow instead in the forest leaf litter. The addition of some crushed oyster shell or other source of lime to the mix can help achieve this requirement. The extra effort is definitely worth it, as well grown examples of this species and other multifloral 'paphs' can be truly spectacular sights. Primary

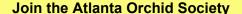


Paphiopedilum philippense

crosses between this and other multifloral species make up a veritable pantheon of magnificent hybrids bearing numerous high awards each. First and foremost is the historic cross of 1901, *Paph*. Saint Swithin (x *Paph*. *rothschildianum*), which has racked up an amazing 211 AOS awards in the last four decades!

#### Red - Paphiopedilum Bel Royal - Cora Ramborger

#### White -Paphilpedilum appletonianum variety hainanense - Maureen Pulignano



Membership in the Atlanta Orchid Society is \$30 for individuals or \$45 for households. Yearly membership runs January 1 through December 31. Anyone joining in the third quarter will get a 50% discount on the current year's membership. Anyone joining in the fourth quarter will purchase a membership for the following year. You can join at one of our monthly meetings, or contact the society's Treasurer (see page 2) for a membership application.

For directions to the Atlanta Botanical Garden, please visit their website at www.atlantabotanicalgarden.org

#### JOIN THE ORCHID DIGEST CORPORATION

Don't let the name fool you, the Orchid Digest is a non-profit membership-based organization dedicated to orchids. Designed to appeal to the mid-range to advanced grower nothing beats the *Orchid Digest*. For just \$32 per year you get 4 issues of full-color, in-depth articles about orchids. The magazine is large format and the fourth issue of the year is always an extra-special issue devoted to a single genus.

For membership application forms contact Fred Missbach (404-237-1694)



Phalaenopsis unknown



Jumellea arachnantha

#### **Advertising**

Support the Atlanta Orchid Society while promoting your business by running your ad in our newsletter.

#### **Advertising Rates**

1/8 page \$5 per month 1/4 page \$10 per month 1/2 page \$20 per month

Contact Margie@callkbs.com for more information

The size and number of ads may be limited at the discretion of the editor.

#### Class VII – Phalaenopsis Alliance

#### Blue -. Phalaenopsis unknown - Geni Smith

Unfortunately, this attractive pastel *Phalaenopsis* with a bright orange lip and diamond dust texture has lost its correct identification. The tag said *Phal*. Margarita, but there is no registrations under that name. There is a *Phal*. Margarithe, but it was a white hybrid registered in 1976.

Red – *Doritenoposis* Tzu Chiang Prince 'C#16' – Bob Grzesik

White – *Phalaenopsis* Auspice Neihum x *luedde-manniana* – Bob Grzesik

#### Class VII - Vanda Alliance

#### Blue – Jumellea arachnantha – Cora Ramborger

Jumellea arachnantha is an attractive, compact Angraecoid originating from the Comoros Islands, in the Indian Ocean between the northern tip of Madagascar and the African mainland. It likes to grow in conditions similar to *Phalaenopsis*, preferring moderate light, warmth, and very good humidity. The leaves are arranged in a neat fan shape from a nearly stem less plant, which sends up several to many, wiry, single flowered inflorescences at once in spring. Each pristine white flower carries a long nectary, and lives up to its 'spidery' epithet, especially when viewed in profile. They are highly fragrant at night, like many other members of this orchid sub tribe, which are all moth pollinated. There are but two registered hybrids for this species, both with other members of the same genus.

#### Red - Vanda Crownfox Velvet - Gene Gadilhe

White - Vanda coeruelsecens - Geni Smith

#### **Newsletter Submissions**

To submit material for the newsletter or to sign up for the email version of this newsletter, please contact Margie Kersey. The deadline for submission is the 20th of each month.

Margie@callkbs.com

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#### Class IX – Miscellaneous

# Blue – *Clowesia* Grace Dunn 'Chadds Ford' AM/AOS – David Glass

Cl. Grace Dunn is an older hybrid (1959) that is beautiful, yet far too infrequently seen these days. It is a primary hybrid between Cl. rosea and Cl. warczewitzii (this is the RHS spelling, Kew spells it Cl. warczewiczii), two of the six species in the genus whose range runs from Mexico in the north, to Venezuela in the south. Clowesia are vegetatively similar, and closely related to Catesetum, but differ in having 'perfect' flowers, rather than separate 'male' and 'female' ones. If you manage to find a Clowesia plant to add to your collection, water and fertilize heavily when in active growth in late spring and summer, then gradually lessen the amount of both until plants are dormant in late fall, at which time little or none is generally needed until plants resume active growth after flowering. Clowesia produce inflorescences from low on the pseudobulb so that the flowers generally lay across the media and over the edge of the pot in an attractive cascade.

# Red – *Zygopetalum* Jumpin Jack 'Big Beans' AM/AOS – Gene Gadilhe

#### White – Lycaste cambellii – Richard Hallberg



# JOIN THE AMERICAN ORCHID SOCIETY

For \$60.00 per year, you reap the following benefits:

- 12 issues of *Orchids*, the Society's monthly full color magazine chock full of insightful articles and tempting ads for plants and supplies.
- 10% off on purchases from the Society's Bookstore and Orchid Emporium. Reduced or free admission to participating botanical gardens.

For a limited time, if you join for two years (\$108) you will also get a \$30 gift certificate (good on an order of \$100 or more) at any one of 13 commercial growers who advertise in *Orchids*. **JOIN TODAY**. For information, contact Evan Dessasau (404-241-4819)



Clowesia Grace Dunn 'Chadds Ford' AM/AOS

# May Speaker Preview

By Fred Missbach

In May, we will have Mr. Steve Champlin, General Manager of Floralia Orquidarious Reunidos in Brazil, which is one of the most famous and largest orchid nurseries in Brazil. The history of Floralia in Brazil is long and prestigious. Steve and Floralia are known the world over and we are very lucky to have him revisit Atlanta.

He will be bringing plants for the Redland Show which is at the end of that week. Plants for sale in Atlanta can be ordered up until the 15th of April and I have attached his 2009 price list which has quite an offering. (see last page of this issue)

Steve's e-mail address is <u>florbra@attglobal.net</u>. I would suggest that those who want plants send an e-mail directly to Steve and he can bring the plants with him. By ordering from Steve, those not going to Redland will have access to his plants and in addition will also have first pick on what he might be bringing. I saw the quality level of his 2009 offerings at the recent Santa Barbara Show and it is outstanding.

The subject of his talk will be "AN OVERVIEW OF BRAZILIAN ORCHID SPECIES".

# SHOW NOTES

From Chairman, Roy Harrow

### A Thank You from Chairman Roy

All I can say is WOW! This year's show was a wonderful success thanks to all of you. Our vendors were thrilled with the sales and traffic. Our visitors were thrilled with the orchids and the beauty of the displays. Everyone outdid themselves this year and I am grateful to you.

#### Thank you.

We were presented with some challenges this year the power went out for several hours and worst of all, Aileen Garrison was injured the morning of the show and had to undergo surgery. But we prevailed. Everyone kept their good humor and handled the curves thrown at them.

#### Thank you.

I would like to list everyone and the wonderful work they did, but I know I would forget someone or some good work they did. I won't risk that. Plus I know that several folks took it upon themselves to fill in, pitch in and handle those little surprises you just can't plan for. I am grateful for every one of you. Without you the show would have been small, dark and unsuccessful

#### Thank you.

#### Sincerely, Roy Harrow



# A note from Hospitality

#### Dear Friends:

Where do I begin to say thank you for all of the help you gave me during our recent orchid show! Beforehand, if your name is not listed, I do apologize. It's very hard to remember everyone who brought food, or helped me out [since I didn't keep a list]. The efforts of everyone who helped, regardless of what you did; brought food or helped in our hospitality area; were very much appreciated.

I could not do hospitality on the scale that it is done, without each one of you. Barbara, Ellen, Cheryl [who was my right hand for several days], **E-van**, Gene and Nan [whose wonderful garden pasta salad recipe [hopefully] will be in the next newsletter], Marianne, David, and Terry [you've helped me for several years], my wonderful husband Bennett [for putting up with me when I was not at home much], Elaine, Ron, and Margie [even when you took my picture "flashing my Spoiled Rotten T-shirt], Maggie, and Maureen for opening her lovely home for our Low Country Boil, Cora, and Dan [who helped move tables and chairs to set up the Judge's Luncheon], Geni [dear Geni, you also have been by my side consistently for several years, and even helped me cater the Judge's Luncheon this year], Khanh -[one of our newest members offered so much help, moving tables and chairs to set up for the Judge's Luncheon - anything that needed to be done, you did with a big smile], James and Wayne, last but not least Helen. Whew.....I think I named everyone...

# Many, many thanks to all of you for a job very well done!

In my opinion, this was the best show I've ever been a part of. Thank you to Roy, Jeff, Bill and all who made this such a success.

#### Reba

April 2009

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# **Heart of Dixie Show**

The Atlanta society exhibit took best society exhibit (Classes 5 - 7), and was awarded the AOS Show trophy for best exhibit at the Heart of Dixie Orchid Show in Huntsville, Alabama. Thanks to David Mellard for these photos!

David Mellard for these photos!

Here's the description that the judges wrote for AOS show trophy:

Twenty-five square foot table top exhibit beautifully arranged with 33 high quality plants set in a naturalistic arrangement of lush green moss-covered logs with multiple tiers that achieved a balanced flow of color and foliage that gives the exhibit an element of depth which allows the observer to fully appreciate the varied genera from 360 degrees.





# **Atlanta Orchid Show**

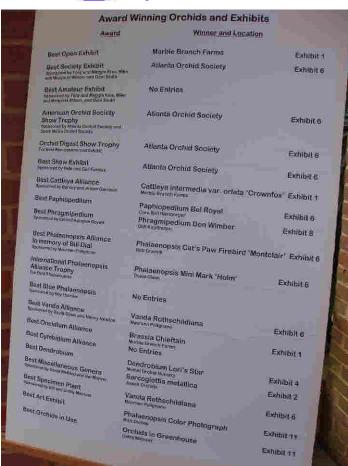
WOW! The Atlanta Orchid Society made a strong showing at the Atlanta Orchid Show. The Society Exhibit won Best Society Exhibit, the AOS Trophy, Best Exhibit and the Orchid Digest Trophy. Thanks to everyone who contributed plants and helped to build the exhibit.





# Be sure to check out the special Atlanta Orchid Show edition of the newsletter for all of the pictures and news!











The Big Winner!!



International Phalaenopsis Alliance Trophy

Phal. Mini Mark 'Holm'



Best Phalaenopsis
Phal. Cat's Paw Firebird 'Montclair
Exhibitor: Bob Grzesik

# **Atlanta Judging Center Awards March 2009**

#### Photos courtesy of Maureen Pulignano and Bill White

All awards are provisional until published by the AOS



Dtps Mount Lip 'Brewton' HCC/AOS Joe Gordy, Exhibitor



Artistic Arrangement AC/AOS Cathy Meincer, Exhibitor

The Atlanta Judging Center meets and review plants on the second Saturday of every month in the basement at the Atlanta Botanical Gardens. Exhibitors and visitors are allowed to sit in the training sessions and to observe the judging. This is a great way to learn more about orchids and the entire judging process.



Vanda Rothschildiana 'Memoria George Mckovich, Jr' CCM/AOS, AM/AOS Maureen Pulignano, Exhibitor



# THINGS YOU MIGHT HAVE MISSED IN MARCH



At last!! Proof!!! Just kidding! Love you Reba!



Maureen Pulignano fills out the entry slips for her plants.





Speaker Michael Sinn of Canaima Orchids had some beautiful plants for sale during the meeting. I know I brought some home with me!!





Show chair, Roy Harrow certainly deserves the blue ribbon he is wearing! And I am sure new member, Hal Morrison is finding that out right now....

#### **PRICE LIST 2009**

**FLORÁLIA** 

Estrada da Floralia,592

Niteroi, Rio de Janeiro, 24.140-216

Brasil/Brasilien

tel:55-21-2627-7733 Fax:55-21-2627-7802

florbra@attglobal.net www.floralia.com.br

**Discount: over US**\$ 300,00 (10%)

over US\$ 600,00 (20%) and over US\$ 1.000,00 (30%)

Numbe	er NAME PLANT		SIZE	PriceU	IS\$
	Amblostoma cernuum	FS	15		•
		FS	12		
	Aspasia silvana		FS	20	
6898	Brassavola glauca		3"	10	
6996	Brassavola perrinii		3"	10	
	Brassia arachnoidea	NFS	17		
	Bulbophyllum wedelllii		FS	15	
	Baptistonia echinata	FS	15		
		FS	12		
	Catasetum barbatum I	FS	15		
	Cattleya amethystoglossa		4``	18	
	Cattleya araguaiensis-limited		FS	30	
7029	Cattleya aurantiaca 'Citron Lemon'		3"	10	
	Cattleya bowringiana coerulea		3"	15	
	Cattleya dowiana aurea		3"	20	
	Cattleya eldorado		4"	15	
6910	Cattleya granulosa		3"	12	
7229	Cattleya harrisoniae very good form '19123' x	self		3"	10
6858	Cattleya harrisoniae boa forma x self		4"	12	
6880	Cattleya intermedia (coerulea x coerulea)		FS	10	
6452	Cattleya intermedia orlata'lwasita' xself			FS	15
7118	Cattleya intermedia orlata (good x Best '81003	<b>5'</b> )		3"	10
6883	Cattleya intermedia(coerulea x coerulea)		FS	10	
	Cattleya labiata coerulea		Large	FS	30
		FS	20		
6946	C. labiata (Morado do Sol x rubra 'Aniel)		4"	10	
6889		3''	10		
6637	Cattleya leopoldii x self		3"	10	
	Cattleya loddigesii alba (Boa forma x self)		3"	10	
6957	Cattleya loddigesii coerulensis x self		FS	12	
6607	Cattleya loddigesii(Martinelli x Zorro)		3"	10	
6940	Cattleya loddigesii(tipo boa forma x sibling)		3"	10	
6964	Cattleya lueddemaniana tipo (Color overlap x	Irina)	4"	10	
6898	Cattleya maxima		3"	12	
	Cattleya mesquitae		FS	15	
	Cattleya mossiae semi alba		FS	20	
6696		3''	10	4-	
0000	Cattleya nobilior amaliae		FS	15	4-
6922	Cattleya nobilior amaliae (1911 x 2011)	!\	011	3"	15
6869	Cattleya nobilior amaliae (good form x very go	ooa)	3"	15	
	Cattleya percivaliana (alba x alba)	011	3``	15	
7000		2"	20	40	
7332	Cattleya trianae amesiana		4" 4"	12	
6943	Cattleya trianae(amesiana x alba)		4"	12	
C7.45	Cattleya violacea		4" 4"	18	
6745	Cattleya walkeriana(alba"suwada' x coerulea)		4" 4"	10	
6851	Cattleya walkeriana(tipo x alba)		4" 4"	12	
6844	Cattleya warneri alba x self	£	4"	10 4"	40
	Cattleya warneri suavissima 'Sta Teresa' x sel	1		4"	18

7034	Cattleya warneri concolor 7034		4"	10	
	Cattleya warneri tipo x self		FS	20	
	Cattleya warneri 'tipo'	FS	25		
6509	Cattleya warneri tipo x self		3"	10	
	Coelogyne flaccida		FS	10	
	Constantia cipoensis	FS	15		
	Dendrobium anosmum		FS	15	
	Dendrobium moschatum		FS	12	
	Encyclia diurna		4"	12	
	Encyclia odoratissima	FS	15		
7158	Encyclia odoratissima	3"	10		
	Isabelia pulchella/Neolauchea pulchella		FS	15	
	Laelia alaorii	FS	18		
	Laelia angereri limited	FS	18		
	Laelia crispilabia		FS	15	
	Laelia endsfeldzii		FS	15	
	Laelia fidelensis		4"	20	
	Laelia flava limited	FS	20		
	Laelia fournieri	FS	10		
	Laelia ghillanyi	FS	15		
	Laelia jongheana limited		FS	20	
	Laelia kautskyi	FS	18		
	Laelia kettieana		FS	15	
	Laelia liliputiana		FS	15	
	Laelia lundii	FS	15		
6615	Laelia lobata alba boa forma x self		4"	12	
6823	Laelia mantiqueirae	3"	10		
6886	Laelia praestans		FS	12	
	Laelia pumila	FS	15		
6908	Laelia purpurata aço' Brissiano' x self		3"	12	
6961	Laelia purpurata carnea(dark lip x St.Nicolau	)	4"	10	
6841	Laelia purpurata carnea(dark lip x1012')		4"	10	
6955	Laelia purpurata carnea ((dark lip x '3122')		4"	10	
6769	Laelia purpurarta carnea '1012 x dk lip			4"	10
6902	Laelia purpurata estriata' Doracy' x sibl			4"	12
	Laelia reginae	FS	15		
6947	Laelia rupestris/Laelia crispata		3"	10	
7148	Laelia tenebrosa x sibl	3''	12		
	Lanium avicola		FS	10	
	Masdevallia /Alaticaulia discoidea		FS	15	
	Masdevallia guttulata	FS	15	4-	
	Leptotes bicolor		FS	15	
	Leptotes unicolor	<b>-</b> 0	FS	15	
	Masdevallia infracta	FS	15 50	40	
	Masdevallia infracta ' chocolate'	<b>F</b> 0	FS	18	
	Masdevallia infracta ' marron'	FS	18 FC	40	
	Masdevallia infracta 'albescens'		FS	18	
	Masdevallia infracta' obscurens'	EC	FS 18	18	
	Masdevallia oscitans	FS		45	
	Masdevallia/Acinopetala herradurae		FS	15	
	Maxillaria cerifera		FS FS	12 15	
	Maxillaria cognauxiana Maxillaria ferdinandiana		FS	15	
	Maxillaria ochroleuca	FS	12	15	
		гэ	FS	12	
	Maxillaria porphyrosthele Maxillaria schunkii		FS	15	
			FS		
	Oncidium jonesianum binotii Miltonia flavescens		FS	18 15	
	Octomeria gracilis		FS FS	10	
	Oncidium barbatum	FS	15	10	
	Oncidium crispum	1 3	FS	18	
	Oncidium dasystyle		FS	18	
	Onomium addystyle		. 5		

	Oncidium harrisonianum	FS	15
	Oncidium longipes	FS	12
	Oncidium phymatochillum	4"	15
	Oncidium pubes	FS	15
	Phymatidium tillansioides	FS	12
	Pleurothallis grobyii FS	15	
	Pleurothallis leptotifolia	FS	15
	Pleurothallis luteola FS	15	
	Pleurothallis recurva FS	15	
	Pleurothallis sarracenia	FS	15
	Pleurothallis sonderana	FS	15
	Pleurothallis teres	FS	15
	Rodriguezia fragrans FS	12	
7186	Schomburgkia crispa x self	2"	8
	Sigmatostalix radicans	FS	10
	Sophronitella violacea FS	15	
	Sophronitis Arizona (coccinea x brevipedunculata)	FS	20
	Sophronitis roseum	FS	15

# HYBRIDS

Numbe	er NAME PLANT	SIZE	PriceU	S\$	
6371	Blc.Sweet Anniversary x(Goldenzelle xEmpress)		FS	15	
6489	Cattleya Sea Breeze alba(walkeriana x warneri)		FS	10	
6492	Lc.Plum perfection x Catleya Pedra da Gávea	4''	10		
6502	Lc.Mildred Rives x Cattleya amethystoglossa	FS	15		
6520	Lc.Plum Perfection x Laelia sincorana		FS	10	
6565	Lc.Princess Margaret x Cattleya loddigesii	4''	10		
6588	Blc. Crispin Rosales x Lc.Florália's Triumph	4''	12		
6592	Blc.Goldenzelle x Slc.Pokai Tangerine		3``	10	
6597	C.Winter's Lace x Bc. Turandot' Guaxupé'	FS	15		
6601	Blc.Sea Sounds x Cattleya loddigesii	4''	10		
6602	Lc.(João Antonio Nicoli x Florália's triumph)	4''	10		
6608	Cattleya (loddigesii x Old Sierra)	FS	15		
6624	Lc.Desert Jewel x Bc.Pastoral semi-alba	FS	15		
6649	Laelia purpurata x C.Marjorie Hausermann	FS	10		
6669	C.( nobilior x Marjorie Hausermann)	5''	10		
6673	C. Penny Kuroda x Lc.João Antonio Nicoli	4''	10		
6674	C.(gaskelliana coerulea x lawrenceana coerulea)		FS	10	
6708	Laelia tenebrosa x Cattleya Penny Kuroda	FS	15		
6719	Lc.Plum Perfection x Brassavola perrinii	FS	10		
6723	C.(aurantiaca x Festival de Ouro) x L.xanthina		FS	10	
6749	Blc.Holiday Inn x C.Enid Buterfly xBc.Pastoral		3``	10	
6759	C. Penny Kuroda x L. tenebrosa	4"	8		
6760	Cattleya Intertexta alba (mossiae alba x warneri alba	)	FS	10	
6764	Blc.Goldenzelle x(Lc.Festival de ouro xC.aurant.)		4"	10	
6765	Cattleya (Penny Kuroda x Corcovado)	4''	10		
6766	C. Intertexta alba (warneri x mossiae)	FS	10		
6771	C. (warneri alba x skinneri alba)	FS	10		
6773	C.intermedia coerulea x C.(gaskelliana x lawrencear			4"	10
6778	Lc.(C.Mother Dominican x Persepolis'splendor) x Mil		ves	4"	10
6779	Lc.(Desert Jewel x Irene Finney)	3"	8		
6796	Blc Bow Bryce x Kings Canyon	4"	10		
6800	C. Interglossa (intermedia x amethystoglossa)		4``	10	
6801	Cattleya loddigesii x Schomburgkia undulata	4``	10		
6802	C.Cyril x (Bc.Turandot x C.Old Whitey)		FS	10	
6811	Blc.Sea Sound x Bc.Pure Spirit	3``	10		
6812	Bc.Pure Spirit x Lc.Desert Jewel	4``	10		
6814	Blc. (Tampico x Florália's Storm)	4``	12		
6816	6816 - Blc. Mem. Crispin Rosales x Lc Bonanza Que		4"	12	
6820	Cattleya Undine alba(intermedia x mossiae)	4``	10		

			433		
6822	Blc.Northeast Passage x Lc.(Gold Digger x Trick or		4``	10	
6837	C.(gaskelliana x lawrenceana) coerulea x intermedia			FS	10
6838	(L.rupestris x Pot.Yellow Hill) x Lc. Straight Answer		10		
6840	C.(Valentine coerulea x Cattleya intermedia coerulea	1)	FS	10	
6856	C.Hybrida '1901' x Lc.Plum Perfection	4``	10		
6863	Cattleya Claesiana coerulea	FS	10		
6874	C. Penny Kuroda x C. violacea semi alba estriata		4"	10	
6876	Blc.Sunstate's Peak Down	5"	12		
6877	Laelia tenebrosa x Blc.Toshie Aoki	FS	10		
6878	Cattleya Pedra da Gávea	4``	10		
6882	L.Pulcherrima coerulea (L.lobata x L.purpurata)	7	4"	10	
6888	Lc.Sparkling Spot x C.intermedia var.orlata	4``	10	10	
		4 4``			
6885	Lc.Ranger Six'A-OK' x C.trianae alba		10		
6890	Blc Sea Sounds x Bc Turandot	4"	10		
6932	Blc.(Cornerstone x Floralias Storm)	3"	8		
6945	Cattleya (Pedra da Gávea x Kerchoveana)	4``	10		
6954	Bc.Turandot'Guaxupé' x C.Ruth Gee	4``	10		
6952	Blc Sea Sounds x Bc Pure Spirt	4"	8		
6954	Bc.(Turandot 'Guaxupe' x C. Ruth Gee 'Diamond Jub	ilee'	4"	10	
6958	Lc Trick or Treat x L. kautskyi	NFS	10		
6968	C. intermedia tipo boa x C. Pedra da Gavea	4"	10		
6986	Bc Pastoral semi alba x Blc Kay Franklin x Enid Moo	re	3"	8	
6895	C(labiata amesiana x trianae amesiana)	5"	10	•	
7005	C.nobilior amaliae x violacea semi alba estriata	•	3"	10	
7033	C.Penny Kuroda x Lc. Amber Penny	4``	10	10	
7031		FS	10		
	Lc Plum Perfection x C. loddigesii pintata			411	40
7033	C. aurantiaca x (F. de Ouro x Choc. Drop) x Blc Mom			4"	10
7052	C.Dipozzi Tiziano 'Blue' x intermedia coerulea '6803'		10	_	
7086	Blc(Capt. Pessoa x C(Picasso x Shorewood) x Bc Tu		3"	8	
7087	Blc Castle Princess x Lc Desert Jewel	3"	8		
7092	C. Valentine coerulea x Lc Cornelia coerulea	3"	8		
7117	Lc Trick or Treat x (L. kautskyi x Slc Mine Gold)		3"	8	
7119	Cattleya Claesiana coerulea	3"	8		
7126	Lc Desert Jewel 'May Flower' x Blc. Castle Princess	No. 1	3"	8	
7128	Blc Cornerstone x Blc Floralias Storm		3"	8	
7129	Bc Pastoral 'Pink Pearl' x Blc Floralias Storm	3"	8		
7138	C.Valentine coerulea x (gaskelliana x lawrenceana) o	-	1	4"	10
7141	Lc Trick or Treat x Pot Love Call	4"	10	-	. •
7160	C.(Mem Jack Hayden coerulea x C Olivia coerulea	3"	8		
7171	C(Old Sierra x Blc(Capt. Pessoa x Picasso)	3"	8		
		-		0"	0
7187	C. Olivia coerulea aquinii x (gaskelliana x lawrencea	,		2"	8
7205	BlcConcordia 'Baton' x C. intermedia flamea	3"	8	<b>.</b>	•
7230	C. aurantiaca x (Festival de Ouro x Choc. Drop x Slc			3"	8
7231	C(gaskelliana x lawrenceana) coerulea x Olivia coeru	•		4"	10
7268	Laelia purpurata (rubra x milionaria)	3"	8		
7270	Laelia pupurata x C. walkeriana	3"	8		
7329	C. (FrancisT.C. Au x Bc Pastoral) x Blc Pokai Tanger	ine	3"	8	

#### **MERISTEMS**

Number NAME PLANT		SIZE	Price	US\$
10,277 Lc.Tyl Belle`Fantasy`	4"	15		
11,070 SLC. TROPICAL FLARE 'MAGIC FIRE'			FS	20
11,084 Lc.Puppy Love 'True Beauty' HCC/AOS			FS	20
11,085 Blc.Goldenzelle 'Saddle Peak'	FS	20		
11,089 Cattleya Old Sierra (large white)		4"	15	
11,090 Blc.Chia Lin 'New City'	4"	15		
11,095 Sic. Jewel Box "SCHEHERAZADE"		FS	15	
11,090 BLC. CHIA LIN 'NEW CITY'		4"	15	