



The Atlanta Orchid Society Bulletin



Affiliated with the American Orchid Society, the Orchid Digest Corporation and the Mid-America Orchid Congress. 2001 Recipient of the American Orchid Society's Distinguished Affiliated Societies Service Award

Newsletter Editor: Danny Lentz

Volume 46: Number 12

www.atlantaorchidsociety.org

December 2005

DECEMBER EVENTS

The Meeting:

8:00 Monday, December 12 at the Atlanta Botanical Garden Annual Holiday Party

It's that time of the year again. For those of you who haven't been with us long, the December meeting is traditionally a Holiday Party where we can all get together and have a great time. Please bring a covered dish to add to our pot-luck supper and an orchid related gift (inexpensive please) for the blind gift exchange. We will have our usual Exhibition Table, so bring those wonderful winter bloomers! There will be a **SHORT** (promise!) business meeting in which officers for 2006 will be installed.

DUES ARE DUE

Dues (\$30 single, \$45 household) for the calendar year 2006 are due. Your membership dues continue to bring you a monthly newsletter and underwrite the cost of speakers and programs presented throughout the year. Prompt payment helps us determine our budget for the year. Dues can be paid directly to Reba Herzfeld at the December or January meeting



Rossioglossum insleayi

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COLLECTOR'S ITEM

Cycnoches cooperi Rolfe

Sik-NOE-keez cooper-eye

Tribe: Cymbidieae

Subtribe: Catasetinae

Etymology: *Cycnoches* – from the Greek *kyknos*, swan; *achen*, neck in reference to the slender, arched column of the male flower
cooperi – to honor Thomas Cooper, English plant collector and breeder around 1900

The genus *Cycnoches* comprises some 33 species distributed throughout Central and South America. Plants are characterized by a caespitose growth habit consisting of fleshy pseudobulbs with several internodes. The leaves are thin, typically heavily veined, deciduous and the inflorescences arise from the upper nodes of the pseudobulbs. As is typical of most of the Catasetinae, flowers are unisexual. Under normal circumstances, all flowers on a given inflorescence will be of one sex; however it is not uncommon to have basal flowers of one sex, apical flowers of the other sex and hermaphroditic flowers in between. Female flowers, typically 2-4 carried on a very short inflorescence are very fleshy, fragrant and very long lasting. Male flowers, up to 30 more produced on long, pendent inflorescences, are of thinner texture and less long-lasting. In keeping with other members of the Catasetinae, male *Cycnoches* flowers forcefully eject their pollinarium when triggered by the pollinator. Each species is pollinated by a specific species of male Euglossine bee, a fascinating adaptation in itself.

These plants are epiphytes in lowland, moist to wet forest from sea level to less than 600 meters. Plants should be grown under warm to intermediate conditions with ample water and fertilizer while actively growing. After growth is complete they require a relatively dry resting period. Overwatering at this point in their growth cycle will result in rotting of the pseudobulbs.

Cycnoches cooperi, although unknown in contemporary collections until rather recently was first described by Rolfe in 1913. The flowers produce a powerful chocolate fragrance and vary in color from a warm chestnut brown to much darker shades, with the best clones being full, round flowers of a deep bronze-red color. It is found from Northern Peru to Brazil at an elevation of about 400 meters



(above) *Cycnoches cooperi* male flowers.

(top-right) close-up of male flower

(bottom-right) female flower

Plants grown by Atlanta Botanical Garden.
Photos © Danny Lentz

Events Out and About

December

Saturday, 12/10. American Orchid Society monthly judging, Atlanta Judging Center, 2 pm, ABG basement workshop. If entering plants, please arrive before 1:30 pm to allow time for research and paperwork.

Monday, 12/12. Atlanta Orchid Society monthly meeting, ABG, Day Hall, 8 p.m. Holiday party. Please bring a covered dish and an orchid-related gift.

January

Monday, 1/9. Atlanta Orchid Society monthly meeting, ABG, Day Hall, 8 p.m. Speaker: David Mellard will speak on "Using the Right Fertilizer Based on Water Quality".

Saturday, 1/14. American Orchid Society monthly judging, Atlanta Judging Center, 2 pm, ABG basement workshop. If entering plants, please arrive before 1:30 pm to allow time for research and paperwork.

Congratulations to our officers and directors elected for 2006

President – Richard Hallberg
 Vice President – Mark Reinke
 Treasurer – Reba Herzfeld
 Secretary – Sandy Phillips
 Directors (2006-2008) – Barbara Dampog and Rob Rinn

Welcome to our new members

Sandra Price, Atlanta
 David Glass, Atlanta
 Jill Slavin, Atlanta

Please visit our web site at

<http://www.atlantaorchidsociety.org>

The Atlanta Orchid Society web site contains recent newsletters and articles, cultural information for growing orchids in Atlanta, as well as a calendar of events and information about our annual shows.

MINUTES OF THE NOVEMBER MEETING

- The Atlanta Orchid Society Meeting was brought to order by Vice-president Richard Hallberg. The minutes from the last meeting were approved as written.
- The Atlanta Orchid Society and South Metro Orchid Society show was great fun. Thanks to all who volunteered. Reba Herzfeld was presented with a gift in recognition of the outstanding job she did in catering and hospitality from Thursday through Sunday.
- The recommended slate of officers for 2006 was elected unanimously:
 - President: Richard Hallberg
 - Vice President: Mark Reinke
 - Secretary: Sandy Phillips
 - Treasurer: Reba Herzfeld
 - Trustees for 3 year period: Barbara Dampog and Rob Rinn
- The annual Holiday Party will be held on 12th of December at 8 p.m., following a short business meeting. Bring your plants for judging. Please bring a potluck dish. Anyone wanting to participate in the gift exchange, please bring a gift valued under \$20, preferably orchid related.
- Reba is working on the Atlanta Orchid Society cookbook. Please send your recipes to her at Rebareneek@aol.com or bring to the meeting.
- Send any orchid related articles to Danny Lentz for publication in our newsletter.
- Set up day for the Southeastern Flower Show is February 6, 2006. On-line entry is open. Details of the entry process, which is different from last year, will be covered at the January meeting.
- Danny Lentz was complimented for the excellence of the newsletter: layout beautiful, photography beautiful.
- Tom Kaschak has served well in the capacity of web master the last three years and is ready to give up the position. If you can support the society by volunteering to maintain our web site, please let David Mellard or Richard Hallberg know.
- Linda Wilhelm of Woodland Orchids near Charlotte, presented an excellent program on oncidium types and culture.
- Our thanks to our orchid judges: Barbara Dampog, Bill Smith, Jeff Whitfield, Jeffrey Wolf.
- Our thanks to those who donated plants to the raffle table: Margo Brinton/Eldon Park (3 plants), Marianne Gilmore (3 plants), Helen Weil (3 plants), Woodland Orchids and others.
- Our thanks to those who brought refreshments: Cathy Caine, Alice Hong, Mary Helen Reinhard, Geni Smith, David Tillis, Helen Weil and others.

The meeting was adjourned.

Respectfully submitted, Sandy Phillips

Member Spotlight

Pam Sanchez and Rita Goldstein



Rita (left), Pam (right)

My mother, Rita Goldstein, has been a plant hobbyist for over 35 years. Each of her gardens have won neighborhood awards. Lots of people ask for her advice about their gardens and homes. Considering that she is a state licensed interior designer who is registered with the American Society of Interior Designers, this should not be surprising. She was born in New York and has lived on Nassau in the Bahamas, in the Bronx and Forest Hills in New York and in Atlanta for 45 years. Her two businesses are Interiors By Rita and Beauty and the Bath (gift baskets featuring Camille products).

I can't remember when Mom received her first orchid. I know that most plants adore her and give beauty consistently. When you mentioned that you were in this society, we decided to join to spend more time together, and learn about a plant that we enjoy.

I am Rita's second child and first daughter and was born in Atlanta at St. Joseph's Hospital. I have had some of my current succulents and cactus for 31 years. I have grown attracted to the vibrant flower colors, the sculptural leaves and the succulent like feeding habits of orchids. I find the society's members to be enjoyable and the depth of knowledge

fascinating. I always leave mentally satiated with the education so kindly shared.

Being a Kitchen and Bath Designer in the luxury market, many of my clients have several orchids and some have greenhouses. I find relaxation in the care of my few plants and look forward to the day that my sunroom becomes a tropical jungle. I have a kitchen and bath design business (Pam Sanchez Designs, Inc.) and cabinetry showroom (Fusion Design Group, LLC), am a Certified Master Kitchen and Bath Designer (CMKBD) and am an Allied Member of the American Society of Interior Designers. If you like, see me in the current Atlanta Magazine's Home Issue. – Pam Sanchez

Recent Blooms at the Atlanta Botanical Garden. November 2005



Dendrobium eriaeflorum



Trichopilia fragrans



Slc. Hazel Boyd 'Apricot Glow'

NOVEMBER 2005 EXHIBITION TABLE AWARDS with notes by Mark Reinke

CLASS 1: CATTLEYA ALLIANCE

(Under 10")	Blue	<i>Slc. Hazel Boyd 'Apricot Glow', AM/AOS</i>	Collier/Reinke
	Red	<i>Sl. Pole Star</i>	Collier/Reinke
	White	<i>Slc. Bright Angel 'O.C.'</i>	Collier/Reinke
(Over 10")	Blue	<i>Potinara Sweet Amy</i>	Collier/Reinke
	Red	<i>Blc. Haiku Dawn 'Sunshine & Raspberries'</i>	Collier/Reinke
	White	<i>Brassavola chacoensis</i>	James Van Horne

(Blue) *Slc. Hazel Boyd 'Apricot Glow,' AM/AOS* : As I mentioned during the ribbon presentation, *Slc. Hazel Boyd* is one of the most awarded Cattleya Alliance hybrids ever, carrying at least 50 AOS awards to date, including the AQ (Award of Quality). This award is given to a group of 12 flowering plants from the same cross shown together that exhibit the outstanding quality of a hybrid. In this case, it was at the Santa Barbara International Orchid Show in 1985, when Fordyce Orchids displayed 12 individual clones ranging from yellow, through orange flushed red to pure red, some of which had individual flower quality awards as well. The 'Apricot Glow' clone, like all *Slc. Hazel Boyd* plants, exhibits some twisting and folding of the leaves. This is a fault inherited through its pod parent, *Slc. California Apricot*. This peculiarity notwithstanding, 'Apricot Glow' is one of the more satisfying clones to grow, with frequent blooms that 'last forever', high flower count, and compact growth. In 2004, one plant from this clone earned the coveted CCE (Certificate of Cultural Excellence) with 28 perfect flowers on 7 inflorescences growing in a 5 inch pot! This clone is still available commercially through several sources.



Potinara Sweet Amy



Brassavola chacoensis

(White) *Brassavola chacoensis* : This interesting Brassavola species was formerly known as *Brassavola ovaliformis* and is still quite uncommon in cultivation. It comes from the edges of the Gran Chaco, a hot, dry region at the base of the Andes in Bolivia and Argentina. While most Brassavolas retain a greenish cast when fully open, these mature to pure white, and also contain no purple in the throat as other species do. It will be interesting

to see if pure white hybrids can be obtained from it. These have been rare to absent when using the other species with similar form. It grows best mounted and prefers warm temperatures and bright light.

CLASS 2: CYMBIDIUM

Blue *Cymbidium Meglee 'Ms. Taipei'* Rob Rinn

(Blue) *Cymbidium Meglee 'Ms. Taipei'* : The orchid registrar of the RHS has kindly provided information that helps explain the identity of this unregistered Cymbidium hybrid. Apparently, *Cym. Meglee* is a trade name under which at least two clones have been widely distributed. The 'Miss Taipei' clone has flowers with distinct anthocyanin-purple floral markings. Several references list it as a primary hybrid between *Cym. suavissimum* x *Cym. insigne*. But in 2001, with the intention of providing a registered name for this grex, a Musia Stagg registered *Cym. Miss Taipei* Unveiled under the parentage of *Cym. Super Baby* x *Cym. sinense* (*Cym. Super Baby* = *Cym. ensifolium* x *Cym. Babylon*.) Observations by Prof. D. M. Burkus favor the acceptance of this latter parentage. He noted that the blooming cycles of this clone closely matched those of *Cym. ensifolium* growing wild in Taiwan, and that they almost always flower together when grown in the same greenhouse. Cymbidiums are heavy feeders compared to many orchids, and benefit from bright light to full sun as well. Most are fairly 'cool' growers and require a distinct drop in temperature in fall so that flower spikes can fully develop. Several members who are successful with them here leave them outside until nights are near freezing in order to initiate this process. Once in flower, spikes will last a considerable length of time if kept cool and bright.



Cymbidium Meglee 'Ms. Taipei'

CLASS 3: DENDROBIUM

- Blue *Dendrobium* (Jaquelyn Concert x Big Red) Doug Hartong
- Red *Dendrobium* hybrid Helen Weil

(Blue) *Dendrobium* (Jaquelyn Concert x Big Red) : Here is yet another orchid hybrid that involves an unregistered parent. Den. Big Red, the assumed pollen parent in this hybrid (because it is listed second in the cross), appears to come from Thailand, but has no official registration. Den. Jaquelyn Concert is offspring of the celebrated Den. Jaquelyn Thomas registered in 1949 and should be corrected on the tag to reflect the proper spelling.



Dendrobium (Jaquelyn Concert x Big Red)

CLASS 4: EPIDENDRUM

- Blue *Epidendrum scriptum* ‘Margo’ Collier/Reinke
- Red *Anacheilium* (syn. *Prosthechea*) *garcianum* Collier/Reinke
- White *Barkeria scandens* Doug Hartong

(White) *Barkeria scandens* : Barkerias are interesting members of the Epidendrum family and come mainly from Mexico. *Barkeria scandens* grows in Southern Mexico, in and around the state of Oaxaca. There, it is found on twigs and scrub and sometimes even on cactus, and experiences a protracted dry season in the winter. In adaptation to this, it is partly or fully deciduous during this period, and should be watered sparingly. Though offered only by specialist growers, Barkerias are easy to grow mounted or in baskets with little additional media. They need bright light and will do well out of doors here in Summer, then brought inside to enjoy their long lasting flowers and experience the annual dry period. Some misting or sprinkling then will mimic the dew upon which they survive during this time, and normal watering and feeding should only resume once new growths are underway.



Epidendrum scriptum ‘Margo’



Colm. Wildcat ‘Taida’s Black Tea’

CLASS 5: ONCIDIUM ALLIANCE

- Blue *Odcdm.* (syn. *Colm.*) Wildcat ‘Taida’s Black Tea’ Rob Rinn
- Red *Odontocidium* Black Beauty ‘Ken’ JC/AOS Jeff Whitfield
- White *Odontonia* Tropical Heat Wave ‘Everglades,’ AM/AOS Rob Rinn

(Blue) Colmanara Wildcat ‘Taida’s Black Tea’ : Our speaker for the November meeting, Linda Wilhelm, did a great job of explaining how the manmade genus of Colmonara is in danger of disappearing as the Royal Horticultural Society reclassifies *Miltonia warszewiczii* as *Oncidium fuscatum*. Colmonara is a combination of *Miltonia*, *Oncidium* and *Odontoglossom*. But since this hybrid, as well as most other Colmonaras, involve *Miltonia warszewiczii* crossed with various *Odontoglossoms* or *Odontocidiums*, they would simply be called *Odontocidiums*

under the new classification. This hybrid produces large showy spikes of flowers that have earned it an impressive 60+ AOS awards since its introduction in 1992. Many of the various named clones of Colmonara Wildcat were the result of color mutations that arose during the mericloneing process.



Phrag. Grande

CLASS 6: CYPRIPEDIUM ALLIANCE

- Blue *Phragmipedium* Grande Brinton/Park
- Red *Paph.* (Shadow Wings x *fairrieatum*) Roy Harrow
- White *Phragmipedium* Don Wimber Jeff Whitfield



Doritis pulcherrima

CLASS 7: PHALAENOPSIS ALLIANCE

- Blue *Doritis* (syn. *Phalaenopsis*) *pulcherrima* Herzfeld
- Red ((*Dtps.* (No Complaints x Zuma White Puff) x Sierra Summit) x *Phal.* Sneau Art ‘Summit Snow’) Brinton/Park

CLASS 8: VANDACEOUS ALLIANCEBlue *Angraecum brongniartianum*

Elaine Jacobson

Red *Vanda Zengyo* 'Blue Spots'?

Gary Layman

White *Neostylis* Lou Sneary 'Lea'

Doug Hartong

(Blue) *Angraecum brongniartianum* : Elaine said that this plant was collected by F.L. (Steve) Stevenson.

(Red) *Vanda Zengyo* 'Blue Spots' : There is no actual registered hybrid under this name. Zen Gyo is an orchid nursery located in Bangkok, Thailand that grows large quantities of vandaceous hybrids for export, and one can find internet references to several different colors of Vanda Zengyo for sale, as well as a clone named, Ascocenda Zengyo 'Blue Spots.' But with little additional detail provided, identity of the ribbon plant is not possible.

*Angraecum brongniartianum***CLASS 9: MISCELLANEOUS OTHER GENERA**Blue *Lycaste* Wyld Court

Jeff Whitfield

Red *Coelogyne fimbriatum*

Jeffrey Wolf

White *Bulbophyllum lasiochilum*

Jeffrey Wolf

(Blue) *Lycaste Wyld Court* : *Lycaste* Wyld Court is a cross between *Lycaste skimmeri* and *Lyc. Lucianii*, registered in 1966. A famous clone from the original cross, 'Sir William Cooke' received an FCC from the RHS and later from the AOS. It was assumed to be a tetraploid and for many years was considered to be the best dark red *Lycaste* in existence. Sir William Cooke founded Wyld Court Orchids in

*Coelogyne fimbriata*

the 1920's in the small village of Hampstead Norreys in Berkshire, England where it grew into one of the great private collections, and included many Cymbidiums and Lycastes.

After his death, many of the plants, including his namesake clone of this cross, eventually found their way to Boa Vista orchids on the island of Madeira. So here we can get a small glimpse into the often fascinating stories behind so many orchids! Lycastes prefer humid shady conditions with good drainage and ample fertilizer and water during the growing season. But as the leaves begin to yellow in fall, they should be watered sparingly and given cooler night time temperatures in order to flower well.

*Lycaste Wyld Court*

(Red) *Coelogyne fimbriata* : There are many interesting *Coelogyne* species available to hobbyists, yet they are often overlooked. This species is found in both lowland and montane tropical forests in Southeast Asia. It is a moist, shady grower in the intermediate temperature range, but will benefit from a short rest period after flowering in autumn. The flowers are long lasting and carry a pleasant musky fragrance. The species name is derived from the small filaments that fringe the front lobe of the lip.

Join the Atlanta Orchid Society

Membership in the Atlanta Orchid Society is \$30 for individuals or \$45 for households. Yearly membership runs January 1-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 web site at www.atlantabotanicalgarden.org or contact one of our society's officers listed on page 2.

Newsletter Submissions

To submit material for the newsletter, or to sign up for the email version of the newsletter, please contact Danny Lentz. The deadline for submissions is the 20th of the previous month.

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EMAIL: DBLGONGORA@BELLSOUTH.NET

Advertising

Advertising is now being accepted for our newsletter. The size and number of ads may be limited at the discretion of the editor. Advertising Rates per issue are: ¼ page \$10, ½ page \$20, full page \$40.

Dear AtOS friends:

I'd like to thank all of you who so generously gave of your time and effort in making the Hospitality portion of our recent Atlanta and South Metro Orchid Show and Sale such a success. Terry Glover, Sandy Phillips, and Cathy Caine; you did a wonderful job assisting me in the kitchen with preparation of food items. A big thank you goes to Don Rinehard who procured the ham and turkeys, plus bagels for us in the mornings, Marianne Gilmore, Barbara Dampog, Elaine Jacobson, Rita Goldstein, Margo Brinton, Bill Smith, Mikie Emerson, Karen Chandler, and Julie Walkowsky for the wonderful foods brought in and Genie Smith for your assistance as well. If I didn't mention your name, please forgive me, please know that your efforts were appreciated too.

Yummy donuts were sent in from Hwei Hsieh, and Terri Hansen brought a delicious Italian Cream Cake made by Terry Kesler for the Judge's Luncheon, that was also enjoyed by all that afternoon and the next day too.

To the ladies and gentlemen who helped set up, and serve the Judge's Luncheon on Thursday, I couldn't have done it without you. A big thanks also goes to David Mellard and Sal Marino for providing table coverings each year.

Again, if I failed to mention your name, I apologize. With so many people in and out of the ABG kitchen those four days, it was hard keeping up with everyone who offered to help.

Hospitality for our show is a lot of work that many of you don't ever get to see, but well worth the efforts in the long run. Those of you who saw me in action know what I mean. I'm ready to tackle next year's Hospitality!

Reba Herzfeld
Hospitality Chair

Trophy Winners and Sponsors from the 2005 AtOS & SMOS Fall Show

Trophy	Winner	Sponsor
<i>Open Competition Awards</i>		
Best Cattleya Alliance	<i>Encyclia cerastistes</i> , Hoosier Orchid Company	Fred Missbach
Best Cypripedium Alliance	<i>Paphiopedilum sukhakulii</i> , album Orchid Inn	Evan Dessassau III
Best Vanda Alliance	<i>Vanda coerulea</i> , Hoosier Orchid Company	Eldon Park and Margo Brinton
Best Phalaenopsis Alliance	<i>Phalaenopsis bellina</i> , Hoosier Orchid Company	Bob Grezsik
Best Oncidium Alliance	<i>Oncidium</i> Mt. Island Gold, Woodland Orchids	Bill and Cathy Meincer
Best Cymbidium Alliance	<i>Ansellia africana</i> , Mike Claussen	Rob Rinn
Best Dendrobium Alliance	<i>Dendrobium crepidiferum</i> , Woodland Orchids	Larry and Linda Mayse
Best Miscellaneous Genera	<i>Bulbophyllum fallonii</i> , Bob Fallon	The Atlanta Orchid Company
Best Art Exhibit	Painted Silk Scarf, Julie Jennings	David Mellard and Sal Marino
<i>Special Awards</i>		
Best Exhibit	Hoosier Orchid Company	Peter and Gail Furniss
Best Plant	<i>Bulbophyllum fallonii</i> , Bob Fallon	Julie Jennings, Silk Synergy
IPA Trophy	<i>Phalaenopsis bellina</i> , Hoosier Orchid Company	Bill Ellenberg, Peach State Orchids
Orchid Digest Show Trophy for Best Non-commercial Exhibit	Atlanta Orchid Society	Kurt Studier and Barry Drake, Mountain View Orchids

Notes from Linda Wilhelm's talk on Oncidiums

Linda Wilhelm and Danny Lentz

Equitant Oncidiums (Tolumnias)- The equitant oncidiums are some of the smallest of the oncidium tribe. They are found in nature growing on tree trunks and branches in moist, somewhat shaded areas. We know from experience that nature is not always the optimum conditions for growing. More light usually yields more and better flowers. The plants are very intolerant of salt build-up at the roots and must have good water and a thorough flushing after fertilization. Because of the configuration of the triangular leaves, they also often become infested with fluffy scale in the leaf axis. This can get totally out-of-hand before it is noticed and is a common cause for the death of the plant.



Tolumnia Louise Elmore 'E5'

Mule's Ear Oncidiums (Trichocentrum)- The mule's ear oncidiums are characterized by their large, stiff leaves. Because of the thickness and arrangement of the leaves, it is obvious that they can endure much more light than the standard oncidium types. The plants can get quite large but the most impressive part is the tremendously long flower spike. The configuration of the leaves give the plant the ability to act as a natural sun shade for itself. Mule's ear oncidiums grow well in a well drained mix or mounted but the mix should never be tight around the base of the plant as they are prone to rot from the constant moisture.



Tolumnia leaves

Thin leaf Oncidiums (everything but the kitchen sink)- Thin-leaved oncidiums cover a wide variety of types. Most are fairly large plants with long strap-like thin leaves. Most have quite long, branched flower spikes and lots of flowers; these characteristics pass on quite readily to the hybrids. Colors are predominately yellow with brown or rust, although a few have beautiful pink tones. Some of the most popular species used in modern breeding include *Onc. maculatum*, *Onc. tigrinum*, *Onc. sphacelatum*, etc. Temperature requirements can range from the cool growing such as *Onc. tigrinum* to the very warm growing *Onc. sphacelatum*. These plants are susceptible to spider mites (when humidity is low) and fluffy scale.



Oncidium onustum

Butterfly Oncidium (Psychopsis/Oncidium) – The butterfly oncidiums are in a class by themselves. They can be tricky to grow but their blooming habit and flower make them worth the extra effort. They truly resent being repotted and will sulk or even die. Rot of the pseudobulbs can be a problem if the media is allowed to raise too high on the sides of the bulbs. Grow with even moisture in an open mix (sphagnum & perlite, treefern & perlite) for good drainage. Since they resent repotting use a blend that doesn't break down and just add additional mix when a new larger pot is needed. Likes bright (Cattleya) light.

Oncidium onustum (Zelenkoa) – This oncidium is being used now to impart warmth-tolerance to it's hybrids. The fleshy leaves are not really dominate in the hybrids, but many inherit the tricky culture required by *Onc. onustum*. The plants, in nature, grow on arboreal cactus. They require drying between watering and are very prone to rot if in a state of constant moisture. This is an excellent plant to

mount on a slab. The plants, which are from Mexico, have long spikes with big flowers on a small plant, the big yellow trilobed lip is a dominant feature.

Brassia - One of the most impressive flowers in the group. Multiple spikes yield many flowers that are almost always perfectly arranged on the stem. Although the segments are thin and spidery, the flowers are extremely large and fragrant.



Brassia

Flower size and arrangement are usually passed on to the hybrids. Very easy to grow under a variety of conditions. Best with good even moisture, good air movement and bright (Cattleya) light.

Miltoniopsis – need very good air movement to grow well. Maintain good moisture but never soggy. The mix will break down quickly under these conditions so you should repot yearly. Keep them a little drier after repotting until the new growths have gotten up a couple inches. Linda grows these in a mix of medium and seedling bark, sponge rock, small charcoal, and small lava rock. They do better in clay pots.



Miltoniopsis roezlii

Miltonias – Unlike the well known pansy orchids, these tolerate high temperatures and can take almost direct sunlight without severe damage. These are used extensively in hybrids to add vivid color, flower size and warmth tolerance. *M. spectabilis* v. *moreliana* causes the flowers to be crowded at the end of the spike in its hybrids. *M. clowesii* spreads out the flowers in hybrids and is very fragrant.

Odontoglossum – Best known for *Odontoglossum crispum*, the orchid that we can barely grow here. Intergenerics adding warmth-tolerance to the beautiful *crispum* flowers have made it possible for us to enjoy something of the beauty of the *crispum* flowers in our area. If the influence of *Odm crispum* is strong, the plants should be allowed to dry slightly between waterings instead of being consistently moist as with most of the intergenerics. *Odontoglossum biconiense*, used in many hybrids for intensification of color, flower spike habit and addition of some warmth-tolerance intensifies the color in hybrids. Heart shaped lip is dominant.



“Accordion pleating”

Cultural Concerns - Good water always helps improve the quality of plants. If hard water is used, an increase in the amount of bacterial and fungal rot may be observed. Hard water also leaves an unsightly residue on the leaves that is hard to remove. Because of the growth habit of most oncidiums and their intergenerics, the side sheath leaves have a capability of trapping water against the pseudobulb which can cause severe rot and possible death of the plant. If watering is inconsistent, i.e. too wet followed by too dry, the new leaves will form with a distinct accordion pleating which can never be corrected on those leaves. Consistent watering can alleviate the pleating in the new growths.



Onc. ampliatum forms long branching spikes. Linda said that this species grows shady and should get ample water during the summer and a little less during the winter.

The Atlanta judging center has received a donation of plants from Ecuagenera that will be available in silent auctions during the December and January judging sessions. There will be minimum bids set for the plants. This is a good opportunity to get select plants of various species, some of which we don't see very often.

The plants available at the December 10 silent auction will be:

Species	Pot Size	Minimum Bid
Cattleya dowiana	4"	50
Cattleya luteola	4"	15
Cattleya maxima	4"	18
Cattleya mendelii	6"	20
Cattleya mooreana	4"	35
Cattleya rex	4"	40
Cattleya schroderae	4"	35
Encyclia aspera	4"	15
Encyclia cordigera	6"	15
Encyclia cyperifolia	3"	18
Encyclia profusa	5"	18
Stanhopea candida	mounted	20
Stanhopea connata	mounted	18
Stanhopea embreei	mounted	15
Stanhopea stevensonii	mounted	35

The plants available at the January silent auction will be: *Cattleya dowiana*, *C. gigas*, *C. iricolor*, *C. loddigesii*, *C. maxima*, *C. percivaliana*, *C. quadricolor*, *Encyclia dichroma*, *E. fowleyii*, *E. fragrans*, *E. oncidoides*, *Stanhopea florida*, *S. impressa*, *S. pulla*.

RECENT ACTIVITIES OF THE ATLANTA JUDGING CENTER

The following awards were granted at the October session of the AOS Atlanta Judging Center. They are provisional awards pending official publication in the *Awards Quarterly*. Certificates of Horticultural Merit and Certificates of Botanical Recognition are also provisional pending identification by an AOS certified taxonomist prior to publication of the award.



Cattleya Granier's Charm 'Gran Sue'

HCC 76 pts (Minerva x warscewiczii)

Natural Spread: 11.2cm H x 11.2cm V

Eight flowers and 19 buds well-presented on four inflorescences; sepals and petals very light lavender; lip butter yellow centrally, light lavender stripes basally, indigo on undulate margins, side lobes with darker lavender suffusion; substance firm; texture sparkling.

Exhibitor: Ervin & Carol Granier

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Cattleya Granier's Blue Elegance 'Natalie'

AM 85 pts (Minerva x Mrs. Myra Peeters)

Natural Spread: 14.9cm H x 15.0cm V

Seven flowers and 15 buds well-presented on three inflorescences; sepals and petals pastel blue; lip bright butter yellow centrally, lighter toward undulate margins, darker blue blotch in apical center of midlobe; substance moderately firm; texture crystalline.

Exhibitor: Ervin & Carol Granier



Cattleya Granier's Felicity 'Blue Honey Plum'

AM 80 pts (Minerva x Caribbean Skies)

Natural Spread: 10.6cm H x 11.0cm V

Seven flowers and four buds pleasingly presented on two inflorescences plus four developing inflorescences; sepals and petals pastel blue; lip bright yellow centrally with dark blue blotch in apical center of midlobe, undulate margins dark blue; substance moderately firm; texture crystalline.

Exhibitor: Ervin & Carol Granier



Cattleya (Sapphire x walkeriana) 'Katrina'

HCC 79 pts ('Junior' x 'Panelas')

Natural Spread: 12.3cm H x 13.0cm V

Eight flat, star-shaped flowers on two inflorescences and four buds on one developing inflorescence; sepals and petals blue-lavender; lip blue-lavender, distal half distinctly dark lavender with faint lavender veins blushed pale mimosa-yellow basally; column white; substance firm; texture of diamond dust, lip matte basally.

Exhibitor: Ervin & Carol Granier



Vanda Pat Delight 'Elsa'

HCC 78 pts (Kasem's Delight x Fuch's Delight)

Natural Spread: 11.8cm H x 12.8cm V

Nine flowers on one arched inflorescence; flowers concolor royal purple; dorsal sepal and petals with darker tessellations; more color saturation on lateral sepals; lip exceptionally dark purple; substance firm; texture of sepals and petals crystalline, lip matte.

Exhibitor: Fred Missbach



Odontobrassia Iridescent 'Twisted Sister'

JC (Odm. Venilia x Brs. Rex)

Natural Spread: 11.6cm H x 14.0cm V

Eight flowers of unique form on one tall inflorescence; sepals and petals pale chartreuse centrally becoming straw yellow marginally, randomly spotted and barred mahogany; lip pale yellow with bright yellow callus; substance firm; texture sparkling; commended for unique twisting and curling of sepals and petals giving the appearance of confetti and streamers.

Exhibitor: Fred Missbach



Cirrhopetalum Lovely Elizabeth 'Marble Branch'

AM 83 pts, CCM 87 pts (Elizabeth Ann x rothschildianum)

Natural Spread: 2.1cm H x 22.0cm V

Seventy-one flowers and 85 buds on 22 umbellate inflorescences evenly distributed around a 110-cm diameter by 45-cm tall plant grown in a 13-cm moss-covered wooden slat basket; flower base color pale chartreuse; dorsal sepals and petals with linear burgundy spots and dark burgundy cilia; lateral sepals convolute tapered to long caudae, heavily spotted burgundy; hinged lip densely spotted burgundy; column cream finely spotted burgundy; anther cap burgundy; substance firm; texture satiny

Exhibitor: Gary Collier & Mark Reinke





Stanhopea Bird of Prey 'Chandelier'

AM 80 pts (*jenischiana* x *nigroviolacea*)

Natural Spread: 13.9cm H x 12.8cm V

Four large flowers on one pendent inflorescence; sepals and petals buttercup yellow moderately blotched and spotted chocolate brown reminiscent of the *nigroviolacea* parent; lip deep orange overlaid butter yellow with minimal eye spot on hypochile; mesochile and epichile minutely spotted chocolate brown; column chartreuse centrally fanning out to translucent yellow with minute brown speckles; substance fleshy; texture sparkling.

Exhibitor: Karen Chandler



Trichosalpinx orbicularis 'Karen's Surprise'
CBR

Natural Spread: 0.2cm H x 0.7cm V

Thirteen flowers and four buds borne on four short racemes originating from leaf axis on reverse side of leaves; plant 11-cm in diameter; rounded, unifoliate fleshy leaves to 2.4-cm wide x 3.1-cm long, erect stems covered with tubular scabrous sheaths; flower color rich beet red; tips of sepals ivory; lip cream-colored with red tip; petals and lip too small to measure; substance firm; texture glistening; recognized for rarity and educational value. Species native to Central and South America; identified by Carlyle Luer October 2005.

Exhibitor: Karen Chandler



Phalaenopsis Ching Her Buddha 'Lillie Harris'

AM 80 pts (Golden Sun x Salu Spot)

Natural Spread: 8.9cm H x 8.0cm V

Two flat flowers and two buds on one arching inflorescence; flowers chartreuse heavily spotted oxblood, spots arranged in a concentric pattern giving a nearly solid cranberry red appearance; lip amaranth basally shading to near black on side lobes; column white heavily blushed amaranth; substance waxy; texture sparkling.

Exhibitor: Mountain View Orchids



Potinara (Pot. Susan Fender x Slc. Final Touch)
'Marble Branch' AM 81 pts

Natural Spread: 9.5cm H x 10.2cm V

Two flowers well-presented on one inflorescence; sepals and petals rich buttercup yellow; lip rich buttercup yellow with vibrant old gold throat highlighted with dark cherry red veins basally and dark cherry red blotch apically, distinct buttercup yellow fringe; column white; substance firm; texture glistening.

Exhibitor: Gary Collier & Mark Reinke



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Maxillaria aff. xantholeuca

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