



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: Mark Reinke

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www.AtlantaOrchidSociety.org

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FEBRUARY MONTHLY MEETING

8:00 pm Monday, February 11, 2013

Atlanta Botanical Gardens, Day Hall

Speaker: Steve Arthur

Steve Arthur Orchids, Graniteville, SC

Steve Arthur is our speaker this month. The topic for his talk will be **Orchids in the Wild**. Steve will present a program about orchid collecting in Central and South America. It will include photography of plants growing in the wild as well as at orchid nurseries he visited on his trips to the region.

Steve is a scientist who worked for the Medical College of Georgia in Augusta and with the Dept. of Veteran's Affairs for thirteen years doing research on animal tissue culture. For eight years, he taught middle school science in a private Catholic school in Augusta. He has two grown daughters.

Steve began growing orchids over thirty years ago. His current greenhouse in Graniteville, SC, where he and his wife now live, covers about 5,000 square feet of growing area. He grows a "mish-mash" of things but tends to focus on Cattleyas and has been making crosses for years. In his greenhouse lab, he also does contract work (such as sowing and harvesting seeds) for other nurseries. Steve is affiliated with Carter & Holmes, frequently selling plants for them at the big Florida shows, and is currently their Lab Manager.

He is also an accredited AOS Judge, and once a month, Steve drives to and from Graniteville to Greensboro to attend judging. If you visit Steve's business, you enter his greenhouse via a large meeting room where his local orchid society meets and where he conducts classes on growing orchids. This meeting room is also home to sixteen birds—mostly Macaws but also Yellow Winged Parrots and Quaker Parrots. He purchased each of the birds while at orchid shows.

Steve will be bringing plants to sell at the meeting including many interesting and unusual things you won't find elsewhere.



Steve Arthur Orchids at the 2012 ATLOS Show

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THE ATLANTA ORCHID SOCIETY**Officers****President****Maureen Pulignano** 404-402-5897**Vice-President/Programs****Mark Reinke** 864-718-0152**Secretary****Nancy Newton** 404-377-4187**Treasurer****Clark Weisner** 404-881-8615
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David Mellard**Newsletter – Mark Reinke****Orchid Digest Rep– Fred**
Missbach**Show Chair 2012 & 2013 –**
Barbara Barnett**Website Committee**
Maureen Pulignano
Mark Reinke
& Jan Spenard***Show Volunteers Still Needed***

We have had a wonderful response for volunteers but we still need more help in making the show a big success!

Ways Members can help with the Show

1. Help set up on Thursday, we need assistance helping with unloading vendors and visiting Orchid Societies. We start at 9am and will leave at 10pm. Pick your time.

2. Clean up and loading on Sunday afternoon at 4 pm. assist vendors and societies load.

3. Membership table: raffle, membership, AOS, Orchid Digest.

4. Clerks for Judging on Friday, March, 8, 8 am until 3 pm.

This is an exciting way to learn more about orchids and what judges are looking for. There are **three clerks per judging team**.

Head Clerk handles the paper work and organization

Ribbon Clerk handles the ribbons and placing them on the correct Entry

Spotter assists in locating exhibits and plants to be judged.

We have a more detailed instruction sheet we will review with you the morning of Judging. We will place an experienced clerk on each team.

If you have questions about clerking please feel free to contact, Barbara Barnett, bkbarnett1@windstream.net

5. Bring your blooming plants for Atlanta Society Exhibit before 6 pm on Thursday, March 7.

Plants must stay in exhibit until 4 pm on Sunday and be picked up at that time.

6. Please try to register your plants on line as we started Digital Registration last year. The instructions will be on our website www.atlantaorchidsociety.org

If you are computer challenged bring your plants early and someone will assist you.

Barbara Barnett, Show Chair
706-579-2670

Events Out and About

February

February 09 - American Orchid Society monthly judging, Atlanta Judging Center, 2 pm, ABG basement workshop.

February 11 - Atlanta Orchid Society Monthly Meeting, ABG, Day Hall – 8 p.m.
Speaker: Steve Arthur

February 16 – International Phalaenopsis Alliance Meeting, 9 am – 3:30 pm
Peachstate Orchids, Woodstock, GA

February 23 – Green Growers outing to the home and greenhouse of Lynne Gollob. See member spotlight for details.

March

March 8-10 – Atlanta Orchid Show, Day Hall, Atlanta Botanical Gardens

March 9 - American Orchid Society monthly judging, Atlanta Judging Center, 2 pm, ABG basement workshop.

March 11 - Atlanta Orchid Society Monthly Meeting, ABG, Day Hall – 8 p.m.
Speaker: Erich Michel

March 15-17 – Southeastern Flower Show
Cobb Galleria Centre (See adjacent column)

March 23-24 – Western North Carolina Orchid Society Show
NC Arboretum at Bent Creek
Asheville, NC

April

April 8 - Atlanta Orchid Society Monthly Meeting, ABG, Day Hall – 8 p.m.
Mark Reinke – Marble Branch Farms
Walhalla, SC
“Decoding Dendrobiums – the Surprising Orchids You *Thought* You Knew!”

April 13 - American Orchid Society monthly judging, Atlanta Judging Center, 2 pm, ABG basement workshop.

April 27 – Green Growers visit to Marble Branch Farms, Walhalla, SC
Arrive at noon – pot luck picnic

President's Message



Your new Board of Trustees held its first meeting and we look forward to a terrific year. Our major work at this meeting was the approval of the 2013 budget, which we will present to you at the February meeting.

In addition to your elected officers and trustees we also have several new committee chairs for the year. Take a moment to look at the revised listing in this newsletter and remember that these are the chairs, not the entire committees. They can each use your help!

I regret the need to inform you that we have lost another member. Phillip Chancey died suddenly this month. He and his wife, Maura Caffrey, have been members since early 2011. Many of you may have missed the opportunity to know them because they have each struggled with serious health issues and their attendance has been sporadic. Those who met Phillip, even casually at a meeting, will remember him as a true Southern Gentleman.

I am looking forward to a wonderful presentation from Steve Arthur this month and also looking forward to seeing you at the meeting.

Maureen Pulignano

25th Southeastern Flower Show

Orchid entry (March 13)
Ribbon judging (March 14)
Show opens (March 15-17)
Cobb Galleria Centre
www.sehort.org

Contacts for more information
David Mellard (DMellard@cdc.gov)
Roy Harrow (R2H748@gmail.com)

JOIN THE AMERICAN ORCHID SOCIETY

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 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.**

Single Membership 1 year \$65, 2 years \$125

Student Membership 1 year \$40, 2 years \$75

JOIN OR RENEW ONLINE AT: www.aos.org

Minutes of the January 2013 Meeting of the Atlanta Orchid Society

Date: January 14, 2013

Location: Day Hall, Atlanta Botanical Garden

Before the meeting was called to order, Alex Maximiano gave a short course on the use of Orchid Wiz.

The meeting, with 35 people present, was called to order by the president, Maureen Pulignano. Four guests were introduced.

Alex Maximiano presented a very interesting program titled "Ethnobotany of Orchids." He very kindly donated 3 licenses for Orchid Wiz Express to the Society.

There was a break for refreshments that were provided by Laurel Burrows, Lynne Gollob, Marianne Gilmore, David Mellard and Barbara Dampog.

Announcements:

- 1) Maureen Pulignano informed members that new nametags were available.
- 2) Barbara Barnett discussed the need for volunteers to assist with the Society's show and sale in March
- 3) Terry Glover announced the monthly raffle and offered tickets for sale.

The minutes from the December 10, 2012 meeting were approved as published in the newsletter.

The treasurer's report was postponed until the February meeting when the treasurer, Clark Weisner, will present a summary of the 2012 finances as well as the budget for 2013.

David Mellard discussed the Society's exhibit in the upcoming Southeastern Flower Show. Plants are needed as well as volunteers to man the exhibit during the show.

David Mellard, Jack Schlachter and Doug Hartong performed the monthly table judging. Mark Reinke and David Mellard announced ribbon winners.

The following quarterly and yearly prize winners for ribbon points in 2012 were announced by David Mellard: 1st quarter – Lynne Gollob, 2nd quarter – Maureen Pulignano, 3rd quarter – David Johnston, 4th quarter – Gary Collier and Mark Reinke. The overall winner for the year was Maureen Pulignano.

Maureen Pulignano adjourned the meeting.

Respectfully submitted,

Nancy Newton
Secretary

2013 Dues Reminder

2013 membership dues may be paid starting January 1 and need to be in by March 31st at the very latest to be included in the membership roster.

You can pay online using Paypal on our website www.atlantaorchidsociety.org by clicking on the appropriate "Join/Renew" button on the Membership tab.

You can also mail a check to our Treasurer, Clark Weisner, (see address under volunteer listing page 2) or pay him in person at the January, February or March meeting.

Member Spotlight



Lynne Gollob

Renaissance woman Lynne Gollob grew up in Toronto, Canada where she married Edward, her high school sweetheart, 45 years ago. Her grandfather was an iris and peony hybridizer and she considers him the source of her “two green thumbs!” While in Canada she had only a limited orchid collection due to the challenges of the climate for windowsill growing.

In 1997 Lynne and Edward moved to the Atlanta area, originally living in a house on Lake Allatoona, where she would pan the nearby streams for gold! Later they built their present home near Canton, GA on 2 acres, and in exchange for letting Edward buy more cars, Lynne got a 16' x 20' greenhouse that is now packed with an estimated 1000+ orchids.

Lynne admits to having contracted an incurable case of “orchiditis.” She has a large number of Cattleya, along with quite a few Phalaenopsis, Oncidium and assorted other genera. One entire wall of the greenhouse is devoted to mounted orchids on sticks and slabs which have responded beautifully to the environment provided for them. The greenhouse receives no shade in the winter months so it frequently warms to the mid-80's on sunny days, creating a very pleasant atmosphere to work or just sit with a coffee and enjoy.

You may be aware that Lynne rehabilitates Phalaenopsis that come from a local florist and

thoughtfully donates them to our raffle table each month. She also generously shares divisions of other orchids in her collection as they come available. In addition to the orchids, the greenhouse provides winter shelter for a banana and a fabulous Brazilian Candle Plant (*Pavonia x gledhillii*) that is 10 feet tall! It also gives her the space to start about 2500 flowering annuals each year to embellish the property's landscaping.

Calling Lynne a “Renaissance woman” is no exaggeration. In addition to orchids and gardening, Lynne is a fiber artist and makes quilts for children's charities. She also paints in the winter months when there are fewer gardening chores.

Green Growers Visit, February 23rd

Lynne Gollob has invited the membership to visit her home and greenhouse on Saturday, February 23rd. Plan to arrive about midday as the event will be a pot luck lunch with Lynne preparing her own chicken as a main course.

Her address is:

**417 Billings Farm Drive
Canton, Ga 30115
Phone: 770-704-6432**

Lynne says mapquest will get you to her house without any problems. There is plenty of parking on her quiet dead end street.

***Please R.S.V.P. to Lynne no later than
Wednesday, February 20th if you plan to visit
so that she can estimate her supply needs.***

770-704-6432

ldgollob@hotmail.com

Her home is 36 miles from the Atlanta Botanical Gardens and takes approximately 45 minutes to reach. Of course it is much closer to the many members who live north of town.



Atlanta Orchid Society Monthly Ribbon Winners January, 2013

Notes and comments by Mark Alan Reinke

Photos courtesy of Cheryl Bruce

Class I – Cattleya Group



Blue – *Cattleya* Mini Purple 'Le Mar' – David Johnston

C. Mini Purple is another one of the important progenitors of our modern miniature and compact cattleya hybrids that was registered in the 1960's, but whose value as a parent was not realized until about two decades later, when in the first of its 205 first generation offspring was registered. It is a hybrid between two Brazilian species with comparatively large flowers for their plant size and the best examples exhibit the flat form of the *C. walkeriana* parent, with fuller segments and a semi-closed lip of the *C. pumila* parent. The exhibited plant displayed a strong spike and excellent presentation, combined with an especially neat growth habit. The varied conditions under which the two parents grow impart an ease of culture that adds to the value of *C. Mini Purple* as a stud plant. Some of the best results have come from crossing it with other miniature cattleya hybrids, based primarily on *C. coccinea*, that have round flowers in shades of orange or red, but with rather weak bloom spikes. The resulting plants have stronger spikes and flat flowers of intense magenta to cerise tones. There are "coerulea"

examples of *C. Mini Purple* and a pure white version as well, both of which widen the options in breeding lines. Ideal culture for this orchid would be to provide it bright to very bright, slightly diffused light, intermediate to warm temperatures, good air movement, and to provide a growing situation where as many roots as possible can be exposed to light and air. It would respond well to basket culture and even to mounted culture under controlled humidity situations. In all cases, the medium should be fast draining and mature plants should be allowed to dry between watering. Avoid watering altogether during cloudy, cool, damp weather to discourage fungal infections.

Red – *Rhyncolaeliocattleya* Mount Hood 'Mary,' AM/AOS – Roy Harrow

White – *Pseudolaelia vellozicola* – David Johnston

White – *Cattleya* Seagulls Tangerine x Pole Star – David Johnston

Class II – Cymbidium Group



Blue – *Cymbidium sinense* – Maureen Pulignano

Our blue ribbon winner in Class II this month not only displayed the compact growth, small, but well-spaced flowers and upright spiking habit typical of the “Chinese Cymbidium,” but also sported atypical and highly desirable variegated foliage. The species is widespread, not only in mountainous areas of China at low to middle elevations, but also in Taiwan, northeast India, Burma, Thailand and possibly Vietnam. It usually grows in shadier locations than most *Cymbidium* species, in rich soils of cracks and crevices along streams where it stays moist but well drained year round. It is one of a handful of species that will grow cool like the typical large hybrids, but will also do well under the intermediate conditions more typical for hobby growers in our region. People living in the mostly frost free areas of Florida, Texas and Southern California can successfully grow *Cym. sinense* out of doors where it can tolerate an occasional light frost. For the past 50 years there has been a steady stream of hybrids registered using this species, creating somewhat more compact and warmth tolerant plants, a few of which have been valuable as stud plants in new breeding lines. The trait for well-spaced blooms often comes through, and despite the rather narrow segments of *Cym. sinense*, hybrids can show surprisingly full form when mated with the right parent.

Red – *Cymbidium Pastoral* – Lynne Gollob

White – *Ansellia gigantea* – David Johnston

Class III – Dendrobium Group



Blue – *Dendrobium sanderae* var. *major* – Gary Collier & Mark Reinke

Dendrobium sanderae is an attractive species from the mountains of Luzon Island in the Philippines that comes in several forms. The plant shown is a first blooming seedling of var. *major*, which has large flowers with elongated segments that are typically somewhat reflexed. They are paper white with some purple lines on the inside of the side lobes and sometimes a solid purple blotch in the throat. The *minor* variety has rounder, smaller flowers of similar coloration, while the *luzonicum* variety has a green throat without any purple lines, but sometimes with a brush of purple around the column. Although hailing from tropical latitudes, plants grow in mountain forests between 3,000 and 5,000 feet above sea level where the climate is mild year round. They experience a very wet summer and a drier winter, but with regular dew and mists. In cultivation, they do well in lower light levels typical of Phalaenopsis culture, in a very well drained media, with regular watering and feeding in summer, while allowing the plants to just dry in between in the winter. The flowers will appear two to four per inflorescence, which are born from side nodes on the upper portion of mature canes, both with leaves and without. The flowers are long lasting and plants can bloom more than once in an extended flowering season that peaks from spring to fall. While most of the ten registered hybrids of this orchid are with *Dendrobium* that are closely related and of similar color and form to this species, *Den. Hsinying Sean*, registered in 2005, combines *Den. sanderae* (section *Formosae*) with the very different looking *Den. glomeratum* (section *Calyptrochilus*) featured in the January 2013 newsletter. Though I was unable to locate any images of the results, the cross illustrates that there could be extensive untapped breeding potential for the future between different sections of the *Dendrobium* genus.

Red – *Dendrobium* Pink Doll x Dream ‘Ace’ – Maureen Pulignano

White – *Dendrobium amethystoglossum* – Mark Reinke & Gary Collier

Class IV – *Epidendrum* Group



Blue – *Bardendrum* Nanboh Pixy 'Cherry Moon' – Lynne Gollob

Bardendrum Nanboh Pixy is an unusual intergeneric cross between *Barkeria* and *Epidendrum* that was registered by a Japanese grower in 2001. It is exceptionally floriferous and vigorous and in a greenhouse setting will grow into an overwhelming specimen with time. We have had a plant for about a decade now, and it currently sports a dozen strong inflorescences, each four feet in height and carrying between 30 and 50 open flowers, with one or two secondary spikes, equally as full, developing just beneath the main ones! The individual flowers might seem delicate, but they last in good condition for two or three months, and with the addition of the secondary spikes, there is often some bloom on the plant into early spring. Last year, we cut back the spent inflorescences only about half way, and even *more* spikes of blooms erupted from them in late spring. These same spikes then went on to produce a few adventitious keikis, which can eventually be detached and potted up as separate plants.

Give this plant and similar hybrids excellent drainage, good light and allow the roots to ramble. They produce copious numbers of them, and we do give ours a "haircut" now and then as they will grow four or five feet long eventually. They don't need a lot of water in winter while in bloom, but welcome light

syringing or misting. When new growths develop in spring water and feed with regularity. Beware, as *Barkeria* and its hybrids are magnets for spider mites, which can take over a plant quickly in warm, dry conditions. If left untreated, the mites will eventually spread to other nearby plants causing unwelcome damage. If you see silvery white specks appearing on the leaves, you have an infestation. The mites themselves are tiny brown dots, mostly on the underside of the leaves. They do not respond to typical insecticides, but can be quickly dispatched with an ounce of mineral oil and a squirt of liquid soap mixed in a gallon of water. Repeat application in a week's time to get any eggs that might have survived and hatched.

Red – *Epicanthe* Butterfly Kisses 'Mendenhall,' AM/AOS – Gary Collier & Mark Reinke

White – *Epidendrum pseudopidendrum* x *chlorops* – Gary Collier & Mark Reinke

Class V – *Oncidium* Group



Blue – *Oncidium* Tsiku Marguerite – Lynne Gollob

Oncidium Tsiku Marguerite is a charming and floriferous compact grower introduced in 2000 by Tsiku Taiwan Orchids. It is three quarters *Onc. sotoanum* (the species erroneously identified and sold commercially for many years as *Onc. ornithorhyncum*), and one quarter *Onc. cheirophorum*. The plant generally stays under twelve inches tall and typically produces two branched inflorescences, carrying many flowers,

on each new growth. Our blue ribbon example, with its nearly white background color and orange callous is somewhat typical for the cross, but some seedlings can come out an intense orchid pink, contrasting vividly with the bright callous. Most plants of *Onc. Tsiku Marguerite* are highly fragrant with overtones of vanilla, but there can be medicinal aspects of the scent, courtesy of *Onc. cheiroporum*, that some noses will not find especially appealing. This little gem appreciates tight potting in a fast draining medium, and annual repotting into fresh mix after flowering. Repotting can be delayed up to two additional years if a long lasting media such as Orchinata bark, mixed with Perlite is used. It prefers ample year round watering, allowing the pot to become nearly, but not totally, dry in between, and can be grown mounted if situated in a greenhouse or other controlled humidity environment, and watered frequently.

Red – *Macroclinum manabinum* – Maureen Pulignano

White – *Gomcidumnia* Carnival Costume – Roy Harrow

Gomcidumnia = *Gomesa* x *Oncidium* x *Tolumnia*

White – *Oncidium* Opalescent – David Mellard & Sal Marino

Class VI – Cypripedium Group



Blue – *Paphiopedilum* Hsingying Hoop x Valwin 'Christmas Robe,' AM/AOS – Roy Harrow

07/2008 QF
0360 Paph. spicerianum-Jolly Green Gem-Hallo
x Valwine "X-mas Robe" AM/AOS

Decoding the tag of this attractive complex hybrid was something of a treasure hunt! It read "*Paph. spicerianum*-Jolly Green Gem-Hallo x Valwine "X-Mas Robe" AM/AOS." Not only is this information replete with typographical and nomenclature related errors, but it doesn't readily reveal what was crossed with what and in which order it occurred. As it turns out, the first three orchid names, separated by dashes, make up the presumed pod parent, but still, in what order?

On the tag was an identification code "QF 0360" that helped to shed light on things. In my search for wholesale suppliers of budded stock, I had once come across a grower on the Big Island of Hawaii called Quintal Farms, and thought perhaps that was where this plant originated. Going to their online plant list, I found one with a very similar name: "*Paph. spicerianum* x Hsinying Halo x Valwine 'X-mas' AM/AOS." Using Orchidwiz, I was able to determine that *Paph. Hsinying Halo* is the cross between *Paph. Jolly Green Gem* and *Paph. Halo*, registered by Ching Hua Orchids of Taiwan in 2000. I was also able to see that listed among its first generation offspring was *Paph. Hsinying Hoop*, a 2007 Ching Hua registration of *Paph. Hsinying Halo* x *spicerianum*. Therefore the entire pod parent name of this orchid could be reduced to *Paph. Hsinying Hoop*.

As for the pollen parent, the correct name should be *Paph. Valwin*, a cross dating back to 1975. One of the awarded plants from that cross is 'Christmas Robe,' AM/AOS. So, with high confidence I believe the tag of the plant should be corrected to the name I list above. Unfortunately, tags that are not up to date or contain spelling errors are all too common. Especially with plants that have origins in places like Taiwan where English is not the chief language and therefore what would be an obvious "typo" to our eyes can easily be overlooked. In order to write this tag correctly, assuming none of the orchids listed had yet been given registered names, would require the following arrangement: *Paph. [spicerianum* x (Jolly Green Gem x Halo)] x Valwin 'Christmas Robe,' AM/AOS.

Class VII – *Phalaenopsis* Group



**Blue – *Phalaenopsis* Cat's Paw Firebird
'Montclair,' HCC/AOS – Bob Grzesik**

The "Cat's Paw" designation is used in at least 18 *Phalaenopsis* hybrids registered by Drs. Diane and Craig Plahn of Kirkwood, MO, but is not indicative of a specific breeding line as the background of hybrids bearing this name varies greatly. In the case of *Phal.* Cat's Paw Firebird (Golden Sun x Lee Koi Choon), the actual originator of the cross (person who made the cross) is listed as unknown. Nonetheless it is an excellent illustration of how certain species can be combined to create flowers that appear solid red to red purple even though this type of pigmentation does not occur naturally in the genus. The main parents behind this orchid are three species with bars of color on a light background, *Phal. amboinensis*, *lueddemanniana*, and *fasciata*, and one species with strong solid color, *Phal. violacea*. The result of this combination is a flower with a light yellow base color, over which the markings of the barred parents have coalesced into a near solid layer of translucent purple. Close inspection under high light will reveal a faint mottling and textural imprint that belies the effect. (See the next description for another example of the layering effect of color pigments.) So far, this type of intense color and heavy substance has not been transferred into the larger flowered types that offer many blooms tiled down a long stem. Instead, *Phal.* Cat's Paw Firebird will produce several flowers at a time per inflorescence in the appropriate

season, continuing this process for several to many years. A well grown example would be capable of maintaining at least four or five active spikes per growth at once. It is composed primarily of species that prefer shade or well filtered light, warmth and high humidity. Under these conditions mature plants should dry slightly between each watering.

Red – *Phalaenopsis* Gelblieber – Jarad Wilson

White – *Phalaenopsis* Lea Marie Salazar 'Red Dream' – Jarad Wilson

Class VIII – *Vandaceous* Group



Blue – *Ascocenda* Udomchai Beauty – Laurel Burrows

Remarkably, this cheerful orange orchid is the progeny of two parents with purple flowers, *V. Kaseem's Delight* and *Ascda. Peggy Foo*! The orange color of *Ascocentrum curvifolium* is present in the genetics of the *Ascocenda* parent, but suppressed by the influence of *V. coerulea*. The color of *V. Kaseem's Delight* is influenced by this same *Vanda* species. When the two purple parents are combined, magically the brighter pigments of *Asctm. curvifolium* grandparent are able to be expressed. The bright flash photo above helps reveal the mystery. The purple pigment is still present, but is spread out as a thin translucent layer over an intense yellow base color in such a way as to read to our eyes as orange. In fact, the color of *Ascda. Udomchai Beauty* varies wildly from individual to individual, and ranges from light

yellow, through orange and red to rich purple. All these gradations are the result of how opaque or translucent the surface color layer is, and how bright or pale the yellow background is. While preferring the bright light of typical *Vanda* hybrids, this orchid has enough species tolerant of cool nights to adapt to a range of temperatures from the 50's to the 90's. Provide perfect drainage, maintain constant humidity, fertilize weekly when actively growing, and water daily for best results.

Red – *Ascocenda* Spotted Denis – Laurel Burrows

Entered as *Vanda denisoniana* x *Ascocenda* Suksamran Spots, this orchid was just registered as *Ascda*. Spotted Denis in 2012 by Kalapana Tropicals of Hawaii.

White – *Aerangis* *hyaloides* - Cora Ramborger

Class IX – Miscellaneous



Blue – *Pterostylis* Cutie – David Mellard & Sal Marino

The following information is courtesy of David Mellard:

Pterostylis, or greenhood orchids, are found predominantly in Australia, although New

Zealand, Papua New Guinea, and New Caledonia have their share of this unusual terrestrial genus. Flowers are usually green and white, hence the common name, although some species will also have bronze markings. The dorsal sepal and petals are partially fused towards the base and form a helmet-like structure known as the galea, which takes its name from the Roman soldier's helmet. The galea serves two functions. It protects the reproductive organs—the column, stigma, and pollinia—and more importantly it serves as a trap to ensure transfer of pollinia to the stigmatic surface. The lip is often hinged so that when disturbed by the pollinator, usually small flies, it tilts backwards forming a tube with the column and column wings. As the trapped insect crawls out, it passes the stigma and picks up pollinia as it exits the tube. The pollinia can then be transferred to the stigma of another *Pterostylis*, provided the hapless insect repeats the process. *Galearis*, *Habenaria*, and *Platanthera* are other well-known genera that often have galea.

Pterostylis Cutie, a cross of *Ptst baptistii* and *Ptst cucullata*, grows readily in soil-less (peat-based) mixes, such as ProMix, Fafard, or Metro Mix. The small, potato-like tuber, emerges from its dry, summer dormancy anywhere from July to September, grows during the dull, winter conditions, and flowers from January to March, depending on the growing conditions. Once growth begins, plants prefer constant, moist conditions and frequent, light fertilizing. While the plants can tolerate a very light frost, it's best to grow them in a greenhouse, under lights, or next to a window, providing as much light as possible. If grown too shady, the inflorescence will often fall over; therefore, grow as bright as possible or be prepared to stake the inflorescence. As a slow colony-former, one tuber will sometimes form 2 or 3 replacement tubers so that after several years, one has a pot full of *Pterostylis* Cutie. As warm weather approaches, usually April and definitely by May, pots should be allowed to completely dry out. Often, the leaves will turn yellow signaling the plant's desire to go into dormancy. If they don't, it's best to just stop watering and force dormancy. The plants can be repotted during their summer dormancy and respond well to fresh mix. It's a good time to share extra plants with friends for this unusual and seldom seen terrestrial.



Pterostylis Cutie – a view of the entire specimen plant.

Red – *Mediocalcar decoratum* – David Mellard & Sal Marino

White – *Pterostylis erecta* – David Mellard & Sal Marino

White – *Dendrochilum apoense* – Cora Ramborger

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, contact the society's Treasurer (see page 2) for a membership application, or complete an application online at our website:

www.atlantaorchidsociety.org

For directions to the Atlanta Botanical Garden, please visit their web site at www.atlantabotanicalgarden.org or contact one

Buy OrchidWiz Express 2013 and benefit the Atlanta Orchid Society!

Only 3 available so hurry! The entire \$75 purchase price benefits the society and helps fund our speakers.

Contact Maureen Pulignano to purchase your copy of this fantastic and invaluable orchid resource.



OrchidWiz Express is an easy-to-use application that allows orchid growers to get cultivation and genealogy information for thousands of species and more than 145,000 hybrids. Growers can keep track of their orchids by using the Orchid Journal that is included with the software, as well as print labels for their tags. This version of OrchidWiz comes with more than 4,000 photographs of the most common species and hybrids and is aimed at the beginner to intermediate hobby grower.

Features

- Basic cultivation for species and hybrids
- 4,000 color photos of the most common orchids
- Orchid Journal to keep track of your plants
- Search for Cross / Genus / Hybridizer
- Comprehensive genealogy charts
- Ability to print labels and profile reports
- Search by RHS or Sander names

AOS Corner

AOS Orchids online! As I mentioned last month, the magazine Orchids is now available online. All AOS members are able to access the digital magazine by logging on to the AOS website using their current user name and password; then click on the link to view the magazine. It is portable; it may be download each month and available to read offline. It may be printed – as many pages as needed. No more waiting on the mail to see the new magazine each month. Each month will be readily available before the print copy is mailed.

If you are not a member of AOS, we invite you to join us. For the cost of a domestic membership (\$65 per year) in the AOS you will receive the digital version no matter where you are. Remember, one years' membership includes the twelve magazines per year, access to the members' only section of the website, free or discounted admission to more than 200 botanical gardens and arboreta, the annual Orchid Source Directory, discounts at select orchid vendors and back issues of AOS publications as well as being part of a worldwide orchid community who share your passion for orchids. For exact cost of digital and print memberships, check the website at www.aos.org. Non US delivery of magazines may be part of your subscription basically for the additional cost of mailing.

\$50,000 for Orchid Research

The AOS is soliciting its members and the general public for practical or applied orchid research ideas that could be immediately used by hobbyists and commercial growers. The ideas will be reviewed and the winners will become proposals to be sent to various universities or institutions of higher learning. The AOS has received this generous donation that will be used to fund the research at the institution(s) submitting the proposal(s). Send your ideas to ideas@aos.org. No idea is too "far out." Please note, however, that submitting the idea to the AOS does not qualify for any of the research grant. The grants will be disbursed only to established research institutions.

AOS in San Diego – March 21-23, 2013

The Spring Members' and Trustees' meetings will be held in conjunction with the San Diego County Orchid Show being held March 21-23,

2013 at the Scottish Rite Temple in San Diego, California. Join the AOS to attend the meetings, its traditional banquet, auction, elections and reorganization meeting by registering at www.aos.org. The registration fee for AOS attendees includes admission into the show for the weekend. Speaker and vendor information may be found on the society website at www.sdorchids.com.

Lynn Fuller, Chair
AOS Affiliated Societies Committee

IPA SE Region 12 Meeting

**Peach State Orchids, Woodstock, GA
Saturday, February 16, 2013**

Agenda

9 AM – Greenhouses Open – Hospitality and Plant Sales

10 AM – Announcements and 1st Speaker
Lester Poole – "Phal. lobbii & parishii Hybrids: Diminutive Powerhouses"

These small species are beginning to make a significant impact on Phalaenopsis hybrids for the windowsill and light culture hobbyists. The mass market is also taking notice as to the quality and floriferousness of these plants. Lester will share his knowledge of the cutting edge trends in this new line of breeding.

11:30 AM – Lunch on your own – Don't forget the barbeque. Shane's is just down the road!

1 PM – 2nd Speaker
Cultural Workshop – hosted by Tom Harper and Lester Poole

At past IPA SE regional meetings, this workshop has always been a hit with attendees. We'll cover all manner of Phalaenopsis cultural questions and experiences. Bring your sick and ailing plants and be ready to join in the Q&A session.

2:30 PM – Auction to benefit the IPA Color Fund and Region 12.
(Please bring selected divisions, keikis, mericlones and selected plants to donate to the auction.)

3:30 PM – Meeting ends. Have a safe trip home!

RECENT ACTIVITY OF THE ATLANTA JUDGING CENTER

The following awards were granted at recent sessions of the AOS judging center. They are provisional awards pending publication by AOS. 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.

All award photographs are © Maureen Pulignano



(C. Fire Lighter x Rth. Franklin Smith)
'Palmetto Flame', AM/AOS, 83 pts.
Exhibited by Fred Missbach



Dendrobium x usitae 'Chasus', CHM/AOS, 80 pts.
Exhibited by Charles and Susan Wilson



Phal. Rothschildiana 'Snowfall', CCM/AOS, 85 pts.
Exhibited by Stones River Orchids



Phal. Rothschildiana 'Snowfall', AM/AOS, 80 pts.
Exhibited by Stones River Orchids