



Bulletin

April 2019

APRIL EVENTS

Monthly Meeting : 8:00 pm Monday, April 8, 2019
Atlanta Botanical Garden, Day Hall

Pre-meeting Class (7:15-7:45) : Barbara Barnett will have a discussion and Q&A for novice growers

Program: Carson Barnes – Phragmipediums

Carson will give a hopefully entertaining and informative talk on Phragmipediums, how to grow them, convergent evolution, and what's so cool about them. He will bring plants to sell as well.



Phragmipedium besseae



Phragmipedium besseae 'Brianna Elizabeth'. Line breeding has produced much rounder flowers.



Phragmipedium exstaminodium
'ORCHIDbabies Gandalf'



Phragmipedium andreettae at ABG



Phragmipedium Inti's Tears

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ATLANTA ORCHID SOCIETY**Officers****President****[David Mellard](#)** 404-310-9899**Vice-President/Programs****[Helen \(HB\) Blythe-Hart](#)** 770-656-4054**Secretary****[Darrell Demeritt](#)** 404-307-6035**Treasurer****[Dan Williamson](#)** 301-717-0939
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Librarian –

MAOC Rep – **[Doug Hartong](#)**Meeting Hospitality – **[James Roberts](#)**Membership – **[Barbara Barnett](#)** and
[Maegan Brass](#)Education and Outreach–
[Lynne Gollob](#)Silent Auction – **[Carson Barnes](#)**Monthly Ribbon Judging –
[David Mellard](#)Newsletter – **[Danny Lentz](#)** & **[Mark Reinke](#)**Orchid Digest Rep– **[David Mellard](#)**Show Chair – **[Danny Lentz](#)**Website/Social Media – **[Danny Lentz](#)**, **[Jeremie Carroll](#)****The Atlanta Orchid Society Bulletin**

Volume 60: Number 4 – April 2019

Newsletter Editors: **[Danny Lentz](#)** & **[Mark Reinke](#)**

The [Atlanta Orchid Society](#) is affiliated with the [American Orchid Society](#), the [Orchid Digest Corporation](#), the [Mid-America Orchid Congress](#) and the [Garden Club of Georgia](#).

**Notes for New Members**

We have a society library with a lot of good orchid books and magazines you can borrow, including our society copies of *Orchids* and *Orchid Digest*. The cabinet is downstairs in the Gardenhouse building behind Day Hall. If you'd like to look through it during a meeting ask Danny Lentz or David Mellard to show you where it is.

Some of our upcoming events during the year will include a tour of the ABG's Orchid Center with members of the garden staff in June, our annual auction in November, and our annual holiday party in December.

Our monthly ribbon judging tables are a great place to see new plants and learn what your fellow society members are growing. It's also a good way to see what groups of plants are blooming at different times of year.

Welcome New and Returning Members

Jeffrey Brawner (Decatur)

Bonnie Burns (Atlanta)

Marisa Cerban (Atlanta)

Marjorie Cooper (Atlanta)

Don & Joyce Cotter (Decatur)

Barb & Dan Davis (Roswell)

Fiona Fallon (Atlanta)

Roger Grove (Powder Springs)

Millicent Hollins (Atlanta)

Nina Levine (Decatur)

John Miller (Atlanta)

John Nail (Atlanta)

Irene Pezzotti (Tucker)

Rob Rothschild (Atlanta)

David Ruland (Atlanta)

Kitty Thompson (Marietta)

Michelle Yuan (Duluth)

Events Calendar

April

6-7 – Asheville Orchid Festival, North Carolina Arboretum, 100 Frederick Law Olmsted Way, Asheville, NC
<https://wncos.org/festival2019/>

8 - Atlanta Orchid Society Monthly Meeting, ABG, Day Hall – 8 p.m. Carson Barnes will speak on Phragmipediums

13 - American Orchid Society monthly judging, (noon) training, (1pm) judging, at the Atlanta Botanical Garden – Magnolia Room behind Day Hall

May

May 3-5 [Memphis OS Show](#)

11 - American Orchid Society monthly judging, (noon) training, (1pm) judging, at the Atlanta Botanical Garden – Magnolia Room behind Day Hall

13 - Atlanta Orchid Society Monthly Meeting, ABG, Day Hall – 8 p.m. TBD

May 17-19 [Redland Int'l Orchid Festival](#)

Future Events

June 1 – Greengrowers outing at the home of Cathy & Bill Meincer, starting at 10:30am. Get your orchid growing questions answered by long time growers, AtIOS members, and AOS judges Bill & Cathy. They will also be selling a variety of well grown orchids as they reduce their collection so that they can shut down their greenhouse this year. Sale proceeds will benefit AtIOS and the Atlanta Judging Center.

2020 – [World Orchid Conference](#) in Taichung, Taiwan

Announcements, Notes, Classifieds, etc.

If you have a few things you want to sell or swap, or are thinking about ordering something that others might be interested in splitting, let us know and we can put a note in the newsletter.

I was thinking about getting some virus testing strips to check out some of my plants and was wondering if anyone else may also want to do this. It would be interesting to compare results among a few different collections. If anyone is interested please let me know how many test strips you would want to get at \$7 per test (unfortunately Agdia seems to have gotten rid of the option to buy a larger quantity at a better price.) These would be the Agdia tests for Cymbidium Mosaic and Odontoglossum Ringspot viruses (which can affect most orchids). <https://orders.agdia.com/immuno-strip-for-cymmv-and-orsv-isk-13301>

We bought a near blooming size Rhyncholaeliocattleya Clouds Creek 'Heavenly Scent' from Carter and Holmes back in 2006. After nearly killing it and then not giving it enough light for a while, I'm happy to report that I finally flowered it for the first time.

-danny



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



You can help out the Atlanta Orchid Society simply by shopping at Amazon through their Amazon Smile program. To do this simply go to <http://smile.amazon.com> every time you want to shop at Amazon. When you go to checkout for the first time, you will be asked to designate your charity. If you type Atlanta Orchid Society in the search bar, we are the only result that comes up. Select that one. You can change the charity at any time, by following the directions on the About page. All of the details of the Amazon Smile program can be found on the Amazon site at: <https://smile.amazon.com/gp/chpf/about/>

Orchid Show Recap

I would like to thank everyone who helped make our show a success. Despite a last minute vendor cancellation and some unexpected construction everything turned out ok. With only four plant vendors the sales tables were pretty sparse by the end of the show, helped out by Jeremie's publicity efforts and some luck with the weather. Our hospitality crew headed by Ellen Brand did their usual fine job after some initial stress over where we were going to put everything, and JoJo and Carl hosted another fun dinner. Our setup crew put in a lot of work Wednesday and Thursday to get everything ready. The installation of the society exhibit headed by Barbara went smoothly. David Mellard created a very nice display in the Visitor Center with a much wider variety of plants than we usually show in that location. Ribbon judging and AOS judging went smoothly with Doug and Terry coordinating the judges and clerks. The supply table coordinated by Maegan was a good addition that we should expand next year. Dan Williamson managed to track almost all of the money, which as a former treasurer I can assure you is not easy during the show. We even had a couple of former members help out with shifts at the society table. We had a few extra trophies available that we gave out to Ellen Brand, Karl Harden, Veronique Perrot, and Larry Kikkert for their contributions to making the show run smoothly. (If anyone still wants to help you could always stop by and sort out the tablecloths and curtains for me.) -danny



Peach State Orchids got a CMA/AOS (Certificate of Meritorious Arrangement) at our show for the display that Kyle put together.



These flowers from Gracelynn Tamrak are so much easier to care for.



Displays from Deep South OS (left) and South Metro OS (right)



Marble Branch Farms got the AOS Show Trophy (ST/AOS, 82 pts) at our show. At least Mark had something pretty to look at after he sold the last of his plants on Sunday.

Atlanta Orchid Society Monthly Ribbon Winners March 2019

Notes by Mark Reinke
Photos by Various

Class I – Cattleya Group



Blue – *Laeliocattleya* Hsin Buu Lady 'YT,' AM/AOS – **Rob Rothschild**

This lovely hybrid between *Cattleya* Wendy's Valentine and *Laelia anceps* was registered by Ching Hua orchids of Taiwan in 2000. The 'YT' cultivar received an Award of Merit from the American Orchid Society in 2007 with a high score of 88 points. It was soon mericloned and became widely available for a few years. There are still several orchid suppliers that are selling it now, so it is worth seeking out. There is no other *L. anceps* hybrid that I am aware of with such deep saturated rose red coloring.

For most growers, this orchid will do best in the long run grown on a mount or in a basket with perfect drainage. A plant purchased in a pot will rarely be happy for long with its roots enclosed in such a manner. My own plant grew large on a stick, and even received the Best Cattleya trophy at the South Carolina show a few years ago. But because it was becoming large for the mount, I set it into a plastic hanging pot. That proved to be a mistake and the plant declined very rapidly after a couple of years.

As with many orchids, repotting, or fixing to a mount or basket should only be done when the more recent growth is beginning to put out new roots. With this orchid, that can occur while it is in flower. I would recommend sacrificing the blooms

for the sake of the future health of the plant.

Red – *Cattleya* Mildred Rives 'Orchidglade,' FCC/AOS – **Carson Barnes**



Red – *Cattlianthe* Fire Dance 'Patricia', AM/AOS– **Danny Lentz & Dianne Morgan**

White – *Cattleya intermedia* – **Danny Lentz & Dianne Morgan**

Class II – Cymbidium Group

No Entries

Class III – Dendrobium Group



Blue – *Dendrobium farmeri* – **Carson Barnes**

This species is my favorite of all of those that fall into the Callista section of *Dendrobium*, especially this color form with pale lilac segments contrasting with deep yolk yellow in the throat. The base color can also be white, cream or pale yellow, and the fullness of form and spacing on the inflorescence can vary from plant to plant. If you want a plant for your own collection I would recommend buying it in

bloom to be sure it is what you are looking for. However, it is not widely available in commerce, so you may need patience in your search. My own plant is similar to Carson's and came from Maureen Mckovich when she was clearing out her greenhouse some years back. It came without a tag and I was thrilled to see it bloom for the first time. I was also surprised that the inflorescences can come out of the joints along the stems, not just from the nodes near the leaves.

Like other members of this group, which come from the mountains of Southeast Asia, the flowers can come in copious numbers on older plants, but are fairly short lived, rarely lasting in good condition beyond 10 to 14 days. Still, for many, their ephemeral beauty is worth waiting for each year. A cooler and drier rest in winter is required to insure good bloom.



Red – *Dendrobium capituliflorum* – **Geni Smith**

This plant is incorrectly labeled *Den. purpureum* var. *album* which has a larger growth habit and slightly larger flowers. *Den. capituliflorum* stays under 10 inches in height, with thick pseudobulbs and dense clusters of tightly packed white flowers with greenish centers. The segments are pointed giving the inflorescence a "bristly" effect.

White – *Dendrobium kingianum* –
Carson Barnes

Class IV – Epidendrum Group



(example photo)

Blue– *Epidendrum stamfordianum* –
Maegan Brass

This beautiful species from Southern Mexico to Colombia and Venezuela has a unique look not closely similar to any other member of the genus. The spindle shaped pseudobulbs arise from a freely branching rhizome and are topped with two to four leathery leaves. The inflorescences, which can be branched and bear many flowers, come directly from the rhizome and not from the apex of the pseudobulb as one might expect. The awarded plants averaged almost 65 flowers per spike, and many that received cultural awards bore more than 1000 blooms at once. The starry segments of the flowers are usually green overlaid with a pattern of brownish-purple spots, while the strongly three-lobed lip can be white, yellow or pink. There is usually a touch of deeper amethyst at the tip of the column.

This species grows best in warm to intermediate conditions, with basket or mounted culture so that the roots can be mainly exposed. It needs plenty of water from May to November, but should be given a drier rest in mid-winter. While strictly once per year blooming, *Epi. stamfordianum* has produced many colorful and unique hybrids with other members of the Cattleya Alliance that bloom twice per year or even more often.

Class V – Oncidium Group



Blue – *Brassia Rex* – Danny Lentz
& Dianne Morgan

Brassia Rex is a primary hybrid between *Brs. verrucosa* and *Brs. gireoudiana* originally registered by W.W.G. (Goodale) Moir in 1964. Marrying these two species creates a hybrid tolerant of cool to hot conditions and medium to bright light. Both species can flower in various months but most likely sometime between March and September. They come from Mexico and Central America in mountainous areas with a wet summer and drier, but still humid winter.

Brassia and their hybrids tend to have a little more space between growths than other Oncidinae and will crawl out of the pot a little faster. They are good at producing multiple leads as well, so fairly regular division is a requirement unless you have room to grow a specimen. Be sure and use a media appropriate to your future plans as repotting is absolutely necessary any time the mix is breaking down, which will happen fairly quickly due to the high water requirements of these orchids when in active growth.

Brs. Rex went on to become a parent in 89 additional registered crosses and an ancestor to at least 100 more. Some that are decades old are still in commerce today.

Red – *Miltoniopsis roezlii forma xanthina*– Carson Barnes

Class VI – Cypripedium Group



Blue – *Paphiopedilum rothschildianum* – Danny Lentz &
Dianne Morgan

Described in 1892, *Paph. rothschildianum* has long been regarded the “king” of the genus. With decades of selective breeding, a well grown plant may have five flowers on a single inflorescence, each with a spread of more than 10 inches. The exhibited plant has four open flowers and one bud. The plant itself is rather large and can span nearly 3 feet on robust specimens. It comes from a limited area between 2000 and 4000 feet above sea level on the slopes of Mt. Kinabalu in Borneo, which tops out at over 13,000 feet above sea level. While described as a warm to hot grower, the temperatures can occasionally dip into the upper 40’s at the uppermost elevation of its range.

It is recommended that best flowering occurs if the plants are grown in bright, but reflective light, strong enough to give the leaves a yellow cast. However, while in bud, the best flower color develops with more shade. Plenty of water year round is important, requiring that the

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mix be changed every one to two years at the first sign that it is breaking down. Specimen plants have been awarded with as many as 10 inflorescences at once, which must surely be a breathtaking sight! There are hundreds of awards for the species overall. While the flowering season peaks in spring, there are records of plants in bloom in every month.

Almost immediately upon discovery, *Paph. rothschildianum* began to be used to create new multifloral hybrids. Two of the most awarded and most used for additional breeding advances are *Paph. Lady Isabel* (1897 x *Paph. stonei*) and *Paph. Prince Edward of York* (1898 x *Paph. sanderianum*).

Red – *Phragmipedium* Charleston Sunrise – Danny Lentz & Dianne Morgan



White – *Paphiopedilum* Fanaticum – Carson Barnes

White – *Paphiopedilum* Golden Palace – Danny Lentz & Dianne Morgan

Class VII – *Phalaenopsis* Group

Blue – *Phalaenopsis* KS Super Zebra – Danny Lentz & Dianne Morgan

Phal. KS Super Zebra was registered in 2014 by Kung Sir Orchids of Taiwan. In the last decade they have registered well over 200 *Phalaenopsis* crosses all beginning with the same two letters. This particular example is beautifully

marked and very compact. It combines six species, but relies most heavily on *Phal. amboinensis*, *Phal. tetraspis*, and *Phal. violacea*. All of those species have persistent inflorescences that produce a few flowers at a time each bloom cycle, so eventually some very showy specimens will result from this cross. In my opinion, the exhibited plant has color and shape that compares favorably with the three that have already received AOS awards.



All the species involved in *Phal.* KS Super Zebra are considered hot growers that prefer rather high humidity and lower light levels. They can dry very slightly between watering once they reach adult size.

Red – *Phalaenopsis* Rainbow Falconer – Bob Grzesik

Class VIII - Vandaceous Group



Blue – *Vanda luzonica* 'Bianca', HCC/AOS (Provisional)–Carson Barnes

As the species name implies, *V. luzonica* comes from Luzon Island in the Philippines, described as growing in virgin forests at medium elevations. Outside of protected areas, such habitat is becoming increasingly scarce due to human activity.

The fragrant flowers are white, but normally have purple markings on the segments to complement the magenta lip. This recently awarded plant has the typical lip, but only a tiny amount of purple at the base of each segment, making an almost white flower. Bloom records favor fall and early winter, so it is also flowering somewhat out of season. Older plants can become tall and lanky requiring ample space. More than 4000 registered hybrids include this species in their family tree. The largest number of offspring descend through *V. Manila*, which combines this species with *V. sanderiana*.

While best grown above 60F, *V. luzonica* can tolerate nights in the 50s F if that is the best you can do in your growing area in winter. It should receive daily watering from about June to October and every few days the balance of the year.

Red – *Gastrochilus calceolaris* – Carson Barnes

Red – *Aerangis fastuosa*– Danny Lentz & Dianne Morgan

White – *Renanthera* Mary Christine Motes 'Polka Pants,' AMI/AOS – Carson Barnes

Class IX – Miscellaneous



Blue – *Lysudamuloa* Red Jewel–David Mellard

While *Lysudamuloa* = *Lycaste* + *Sudamerlycaste* + *Anguloa*, the last

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two genera make up less than 10% of the ancestry of this showy large flowered hybrid, and it is predominately *Lyc. virginalis*, *Lyc. lassioglossa* and *Lyc. cruenta*. Nonetheless, it seems to be far easier to grow and flower well in our climate than other large flowered hybrids. The individual blooms are long lasting, have a vague anise fragrance and can be produced in large numbers from recently matured pseudobulbs.

Although often purchased without a clonal name on the tag, I

am fairly certain that most if not all of the plants recently available are the 'Sweet Baby,' AM/AOS cultivar. They were mass produced in Hawaii where wholesale growers can be lax about complete identification of what they sell.

The best results are achieved with this orchid when grown in dappled or indirect light and given frequent water while in active growth. Reducing water and fertilizer when growths mature can encourage the formation of buds. I have seen this orchid in bloom

every month of the year. Sometimes flowers come all at once in a bloom cycle, like this example, but other times they are produced in succession over many months.

Red—*Ludisia discolor* variety *vietnamica* – **Danny Lentz & Dianne Morgan**

White—*Masdevallia* Redwing – **David Mellard**

White – *Pleione* Tongariro – **David Mellard**

Recent Activities of the Atlanta Judging Center (March 2019)



Cattleya Yellow Warbler 'Mello Spirit', HCC/AOS, 78 pts. Exhibited by David Mellard



Paphiopedilum lowii 'Aileen Garrison', AM/AOS, 80 pts. Exhibited by Fred Missbach



Vanda luzonica 'Bianca', HCC/AOS, 78 pts. Exhibited by Carson Barnes



Phalaenopsis Tying Shin Eastern Star 'Stones River', HCC/AOS, 79 pts. Exhibited by Stones River Orchids

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Guaricyclia Yucatan 'Magenta', HCC/AOS, 78 pts. Exhibited by Jaime Yu at our show.



Paphiopedilum Petula's Sensation 'Stones River', AM/AOS, 86 pts. Exhibited by Stones River Orchids



Lycaste virginalis 'Memoria John R. Gunther', HCC/AOS, 78 pts. Exhibited by Fred Missbach



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 \$39/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 edition devoted to a single genus. For membership application forms contact David Mellard (404-237-1694) or visit www.orchiddigest.com to join online.



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JOIN OR RENEW ONLINE AT www.aos.org

Recent Blooms at the Atlanta Botanical Garden (March 2019)



Rhyncholaelia glauca



Systeloglossum acuminatum



Schomburgkia superbiens



Sievekingia reichenbachiana



Maxillaria sanderiana



Dendrobium bullenianum



Dendrobium tangerinum



Dendrobium senile

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Guarianthe aurantiaca



Pescatorea klabochorum



Phalaenopsis mariae



Phalaenopsis stuartiana



The Atlanta Orchid Society exhibit at the Savannah show.

Minutes of March 11th Meeting of the Atlanta Orchid Society
submitted by Darrell Demeritt

The March 11th, 2019 monthly meeting of the Atlanta Orchid Society, at the Atlanta Botanical Garden, was called to order at 8:05 PM by David Mellard, President. Members and guests were welcomed, and guests were introduced. The minutes of the February meeting as presented in the newsletter were approved by membership after the motion for approval was moved and seconded.

Dan Williamson, Treasurer, reported on the success of the Annual Show and Sale and provided a summary of the Society's account balances. Detailed information, account balances, etc. are available through Dan for anyone interested.

David Mellard reminded all that annual dues not yet paid should be paid by the end of the month. Dues are \$30 for individuals, \$45 for families. Please see Dan if you have not paid your 2019 dues.

David provided a review of several upcoming events:

The **AOS Members Meeting** in San Diego on March 27-31st

The **Deep South Orchid Show** will be held March 30-31 in Savannah, Georgia, with show judging scheduled for Friday, March 29th. Carson Barnes and Geni Smith will be setting up the AtIOS exhibit at the show.

The **Asheville Orchid Show** will be held on April 5 – 7th with judging to be held on April 5th. This is a great show, with a dozen or more exhibits and a significant number of vendors.

The **Monthly AOS Judging** will be in the Magnolia Room at the Atlanta Botanical Garden on Saturday, April 13th.

The **Memphis Orchid Show** will be held on May 4th – 5th.

The **Redland International Orchid Festival** will be held at Fruit and Spice Park, Homestead, Florida, on May 17th – 19th. It is anticipated that over 60 vendors will be represented.

All members who assisted in the set-up, operation and tear-down of the Annual Show and Sale were recognized by Danny Lentz, Show Chair, with special recognition being given to several members for their commendable assistance. David Mellard thanked and recognized Danny for his work again this year as Show Chair and for his work in this capacity in previous years.

The program for the evening was a very interesting panel discussion, with five member-panelists with significant but different experiences in growing orchids.

The results of the monthly plant judging and ribbon awards were announced. With no further business or announcements, the meeting was adjourned at approximately 9:40 PM.

The next meeting of the AtIOS will be Monday, April 11th at 8:00 PM at the Atlanta Botanical Garden.