

**CENTRAL
OHIO
ORCHID
SOCIETY**

Reporter
March 2021



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CentralOhioOrchidSociety.org



PRESIDENT'S MESSAGE | MARCH 2021

I hope that all of you are enjoying the sunnier and warmer weather these last few weeks. I have noticed my plants waking up from the long winter rest. Following Ken Mettler's advice, I stopped fertilizing this past winter and I really cannot believe how much happier my plants look (except for the few dead ones – nobody is perfect). Also, several of my plants are blooming for the first time ever, not nice enough to enter in our virtual judging, but they are making me happy, nonetheless.

A COUPLE OF PEOPLE TO THANK!

I want to thank Dave Markley and Wayne Roberts for their agreeing to head up some product sales for us. Dave has taken our Orchiata orders, and Wayne will be bringing the products we ordered from Roberts Flower Supply for pick up. Thanks to all who ordered.

A 2021 MEMBER EVENT (FREE)

On March 20th, all 2021 Central Ohio Orchid Society members can view the **50th Anniversary Mid-America Orchid Congress Zoom Education Day**. I will be sending out the "tickets" to our new and renewed members 2-3 days before the event. Details include:

March 20th 2021, 10 am to 3 pm EST

Courtney Hackney: "Orchid Triage – How to Save Your Dying Orchid"

Mr. Hackney is a longtime expert grower and hybridizer, especially Cattleya.

Live Presentation: "Growing Orchids Under Lights and Equipment to Consider"

Live video tour of the **Wheeler-Thanhauser orchid collection and species bank at Ball State University** hosted by curator, **Cheryl LeBlanc**. Tour will highlight 50-year history, species diversity, and the Rinard Orchid Collection with Q & A.

You will also be able to choose from a list of cultural programs and tours!

So, if you haven't renewed your membership...and want to join fellow orchid lovers...go to centralohioorchidsociety.org and click on the Join button before March 20.

2022 ORCHID SHOW AND SALE WILL OCCUR; UNFORTUNATELY, 2021 WILL NOT.

Due to the Covid-19 Pandemic, your COOS Board met to discuss the possibility of holding a fall show and orchid sale. In consultation with the Conservatory, we determined that it may not be possible to hold the show at Conservatory because at this time they are still considering advance ticketing for all events, in addition to regular entrance, to assure social distancing. We determined that the costs associated with moving the show to another venue could cause a significant financial risk to the Society. So, we won't have a show in 2021, but plan to come back strong in 2022.

ARE YOU INTERESTED IN GETTING MORE INVOLVED WITH THE SOCIETY?

The Society's nominations committee will be getting together soon to decide on a proposed slate of officers for the 2022-2023 calendar years. If you are interested in serving in any capacity, please let me know and we will get you on the list. While some work is involved, the Board is a great way to really get to know members of the Society and you can help determine the course of our activities in coming years.

I hope all of you are enjoying the approaching Spring and that when it is your turn to get vaccinated against Covid-19 that you sign up to do so. The faster we get everyone who can get vaccinated to do so, the faster we will be able to meet in person.

I look forward to seeing you all at our next meeting scheduled for March 18th, 7 pm for the Beginner's Corner with our routine meeting occurring at 7:30 pm.

Nancy Shapiro
President
Central Ohio Orchid Society
March 2021

MARCH 18, 2021 MEETING + GUEST SPEAKER INFORMATION

Virtual Meeting

7:00pm → Beginner's Corner with Ken Mettler

7:30pm → **FRANCISCO MIRANDA** on Brazilian Orchids



Francisco Miranda is a taxonomist, naturalist, and Orchid grower. He travels extensively in the US and internationally, speaking at orchid related events and meetings. He has been doing this since 1988, while still living in Brazil. He speaks about a variety of Brazilian orchids and the habitats where they grow. Maria Cristina Miranda is also a biologist. Cristina takes care of the lab production and day-to-day nursery operation.

Miranda Orchids was started in 1999, when Francisco and Maria Cristina moved to the US from Brazil, where they were born. The nursery specializes in growing selected Cattleya alliance species. In a sense, it is a continuation of Boa Vista Orchids, a nursery they ran in Brazil from 1986 until moving to the US. Many of the plants available are produced in their lab and nursery in central Florida, from their extensive collection. The rest are brought in from Brazil to increase variety and novelty.

Being native Brazilian, and having had a nursery for many years, the Mirandas have significant insight into the development in Cattleya species being done in Brazil. This is mostly because a lot of those species are native from Brazil (including all the bifoliate

cattleyas) and because these plants are favorites of growers there. Having lived in Brazil and grown orchids there for a long time, they know most of the growers and what is being produced. They also travel to Brazil several times a year to make sure they stay up to date. Miranda Orchids also grows other Brazilian species, so if you are looking for a particular Brazilian orchid, they are an excellent source.

Miranda Orchids is located between Orlando and Tampa Florida, on the I-4 Central Florida corridor: <https://www.mirandaorchids.com/>

CENTRAL OHIO ORCHID SOCIETY MARCH MEETING

March 18, 2021 7:00 PM Eastern Time (US and Canada)

JOIN ZOOM MEETING

<https://us02web.zoom.us/j/89534649826?pwd=dFNpQkM2M3dsaVpGaEZiNmhucXZxUT09>

Meeting ID: 895 3464 9826

Passcode: 904825

One tap mobile

+19292056099,,89534649826#,,,,*904825# US (New York)
+13017158592,,89534649826#,,,,*904825# US (Washington DC)

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+1 312 626 6799 US (Chicago)
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+1 253 215 8782 US (Tacoma)
+1 346 248 7799 US (Houston)

Find your local number:

<https://us02web.zoom.us/j/kbk67Be7xM>

MARCH PLANT OF THE MONTH



Paph Via Ojai 'Sylvia' HCC/AOS
Grown by Justin Pepperney

Tips for Growing:

This Via Ojai is an awarded division from Marriott Orchids in North Carolina. Justin grows this Paph under LED lights in Power-grade Orchidata, with some #3 sponge rock and charcoal in the mix. As with most Paphs, this plant likes to be watered twice weekly, with less than 1/4 teaspoon per gallon of 30-10-10 orchid fertilizer.

FEBRUARY 2021 VIRTUAL SHOW TABLE

CATTLEYA SPECIES

GROWN BY:

1 st	<i>Laelia superbians</i>	Tennis Maynard
2 nd	<i>Barkeria melanocaulon</i>	Ken Mettler
3 rd	<i>Encyclia polybulbon</i>	Nancy Shapiro

CATTLEYA HYBRIDS

1 st	Potinara Triple Love '#6'	Tracy Strombotne
2 nd	Encyvola Phoenix 'Kona' AM/AOS	Edna & Dave Markley
3 rd	Blc. Hawaiian Leopard	Tracy Strombotne

PAPHIOPEDILUM SPECIES

1 st	<i>Paph. haynaldianum</i>	Sandra & Terry Stohr
2 nd	<i>Paph. gratixianum</i>	Justin Pepperney
3 rd	<i>Paph. haynaldianum</i>	Justin Pepperney

PAPHIOPEDILUM HYBRIDS

1 st	<i>Paph. Via Ojai 'Sylvia'</i> HCC/AOS (Plant of the Month)	Justin Pepperney
2 nd	<i>Paph. Walcrest Charm</i> <i>x fairrieanum album</i>	Edna & Dave Markley
3 rd	<i>Paph. Lemonade</i>	Edna & Dave Markley
3 rd	<i>Paph. Toni Semple</i>	Troy Timbrook

PHALAEENOPSIS

1st Phal. NoID
2nd Phal. NoID
3rd Phal. NoID

GROWN BY:

Katherine Vogel
Katherine Vogel
Sandra & Terry Stohr

ONCIDIUM ALLIANCE

1st Miltonia NoID
2nd Centroglossa macroceras
3rd Onc. Tsiku Margaritte

Tennis Maynard
Nancy Shapiro
Jessica Badger

PHAIUS

1st Phaius Lady Ramona Harris
2nd Phaius Dan Rosenberg
3rd Phaiocalanthe Kryptonite

Ken Mettler
Ken Mettler
Tennis Maynard

OTHERS

1st Maxillaria bradeorum
2nd Masdevallia Peach Allure 'Sweet
Uleta' AM/AOS
3rd Phragmipedium St. Ouen

Tennis Maynard
Pat & Tom Stinson
Pat & Tom Stinson

CATTLEYA (Species)



Laelia superbiens
Grown by Tennis Maynard



Barkeria melanocaulon
Grown by Ken Mettler



Encyclia polybulbon
Grown by Nancy Shapiro

CATTLEYA (Hybrids)



Potinara Triple Love '#6'
Grown by Tracy Strombotne



Encyvola Phoenix 'Kona' AM/AOS
Grown by Edna & Dave Markley



Blc. Hawaiian Leopard
Grown by Tracy Strombotne



Ble. intermedia x Morning Glory 'Doris'
Grown by Edna & Dave Markley

PAPHIOPEDILUM (Species)



Paph. haynaldianum 'High Color' x 'Ron'
Grown by Sandra & Terry Stohr



Paph. gratixianum
Grown by Justin Pepperney



Paph. haynaldianum 'High Color' x 'Ron'
Grown by Justin Pepperney

PAPHIOPEDILUM (Hybrid)



Paph. Via Ojai 'Sylvia' HCC/AOS
(Plant of the Month)
Grown by Justin Pepperney



Paph. Walcrest Charm x fairrieianum album
Grown by Edna & Dave Markley



Paph. Lemonade

Grown by Edna & Dave Markley



Paph. Toni Semple
Grown by Troy Timbrook



Paph. Jack Tonkin 'Val's Choice' AM/AOS
Grown by Justin Pepperney



Paph. (Red Glory x Raisin Eyes)
Grown by Pat & Tom Stinson

PHALAENOPSIS



Phal. NoID
Grown by Katherine Vogel



Phal. NoID
Grown by Katherine Vogel



Phal. NoID
Grown by Sandra & Terry Stohr



Phal. NoID
Grown by Tracy Strombotne



Phal. NoID

Grown by Katherine Vogel

ONCIDIUM ALLIANCE



Miltonia NoID
Grown by Tennis Maynard



Centroglossa macroceras
Grown by Nancy Shapiro



Onc. Tsiku Margaritte
Grown by Jessica Badger



Oncidium Tsiku Margaritte
Grown by Tom Hart



Onc. Sharry Baby
Grown by Tom Hart

PHAIUS



Phaius Lady Ramona Harris
Grown by Ken Mettler



Phaius Dan Rosenberg
Grown by Ken Mettler



Phaiocalanthe Kryptonite
Grown by Tennis Maynard

OTHER



Maxillaria bradeorum
Grown by Tennis Maynard



Masdevallia Peach Allure 'Sweet Uleta' AM/AOS
Grown by Pat & Tom Stinson



Phragmipedium St. Ouen
Grown by Pat & Tom Stinson



Leptotes pohlitinocoi
Grown by Ken Mettler



Stenosarcos Vanguard 'Red Stripe'
Grown by Tracy Strombotne



Cymbidium Fuss Fantasy
Grown by Troy Timbrook



Clo. Rebecca Northen
Grown by Amy Thomas



Den. NoID

Grown by Pat & Tom Stinson



Phrag. Cardinale
Grown by Nancy Shapiro



NOT FOR JUDGING
Maxillaria meleagris
Grown by Ken Mettler



NOT FOR JUDGING

Sarco. Nicky's Twin 'Voo Doo'
x Sarco. Kulnura Harrow 'Extreme'

Grown by Jessica Badger

Into the Wild

By Ken Mettler

Showy Orchis, *Galearis spectabilis*



The flowers that bloom in the spring,
Tra la,
Breathe promise of merry sunshine—
As we merrily dance and we sing,
Tra la,
We welcome the hope that they bring,
Tra la.

--Gilbert and Sullivan, *The Mikado*, 1885

***Galearis spectabilis* at Clear Creek Metro Park.
Photo credit: Kenn Mettler. 5-15-18.**

A sight for winter weary eyes, Showy Orchis (*Galearis spectabilis*) is one of our earliest blooming native orchids. I start to see them bloom by the end of April in most years. The genus *Galearis* is mostly a northern and/or high-altitude group of species, so it makes sense that they can withstand the cool to cold temperatures at this time of year.

Formerly considered a part of the Eurasian genus *Orchis*, only two species range into the United States. The Small Round Leaf Orchid (*Galearis rotundifolia*) lives mostly in Canada, and barely makes it into the northernmost states. *Galearis spectabilis* ranges throughout most of eastern Canada, south to northern Georgia, west to eastern Oklahoma, and to Minnesota.

The Showy Orchis likes to grow in rich, mesic woodlands. Places that tend to stay cool, such as steep ravines and north-facing slopes, are often populated with this species. In my area, these rich soils frequently also have Black Cohosh (*Actaea racemosa*), and sometimes Morel mushrooms (*Morchella* spp.) can be found nearby at the same time the orchids bloom. Individual *Galearis* populations can range from a few plants to hundreds, sometimes up to a thousand plants. In most areas near me, individual plants seldom live more than a decade, and don't reach a large size, but in some habitats, plants can live for several decades, and form nice clumps.



They bloom as the two (sometimes three) leaves are emerging, on an inflorescence that matures at two to six inches, rarely up to ten inches. I've seen plants with a single flower, or up to ten on a stem. The genus name *Galearis* means "helmet", referring to the sepals and lateral petals that are united into a helmet shape over the lip, which hangs down. Sepals and petals are normally purple, and the lip white, although there is an alba form in which the entire flower is white.

Galearis spectabilis alba at Clear Creek Metro Park. Photo credit: Ken Mettler.

I've only seen a few alba plants in Ohio. There is also reported to be an all-purple form, where the purple color appears on the lip, but I have yet to see this form, or even a photograph of one. The flowers have a faint, sweet fragrance, and are pollinated by several native bee species, including bumblebees (*Bombax* spp). The lip has a short spur, which provides a nectar reward for the bees.



**Galearis spectabilis on the author's property.
Photo credit: Ken Mettler.**

As members of a mostly-far northern genus, heat is their nemesis. Days in the 80s can whither the flowers quickly, but most years I can find a few still blooming in cool microclimates until the last week of May. Several other orchid species bloom in May, including Puttyroot (*Aplectrum hyemale*), Large Twayblade (*Liparis liliifolia*), Pink Lady Slippers (*Cypripedium acaule*) and Large Yellow Lady Slipper (*Cypripedium pubescense*). Keep your eyes open for the flowers that bloom in the spring, tra la!

COOS BOARD MEMBERS 2020 – 2021

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AOS REPRESENTATIVE

TOM HART

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TROY TIMBROOK

COOS CALENDAR 2021

January 21 – 2021

CLAUDE HAMILTON of Hamlyn Orchids

Broughtonias

February 18 – 2021

ROGER FRAMPTON of Roger's Orchids

YouTube channel – UK

March 18 – 2021

FRANCISCO MIRANDA

Rupicolous Orchids of Brazil

April 15 – 2021

WAYNE TURVILLE

Australian Native Orchids

May 20 - 2021

CHALLEN WILLEMSEN

Guatemalan ecologist

Santuarion Natural El Tular Reserve

Native Orchids of Guatemala

June 17 - 2021

KOON-HUI WANG of the University of Hawaii

Pest Management for Orchid Hobbyists

July 15 - 2021

DAVID HAELTERMAN

Stanhopea Orchids

August 19 - 2021

LARRY KUEKES of the Hilo Orchid Society

What's in a Name

September 16 - 2021

JIM ROBERTS of Florida Suncoast Orchids

Encyclia Orchids

October 21 - 2021

RUSS VERNON of New Vision Orchids

Lycaste Orchids

November 18 - 2021

— TBD

Orchid Conservation Alliance Annual Report



Odontoglossum cirrhosum photographed in the Dracula Reserve, Ecuador



Dracula terborchii, photographed in the Dracula Reserve, Ecuador

Despite the pandemic, overall the Orchid Conservation Alliance has had a successful year. Similar to most years, the majority of our income has come from donations and memberships, with a small amount from other sources such as merchandise sales. Because of the pandemic, all of our Orchids in the Wild tours were cancelled and our usual revenue stream from the tours was negligible.

However, using some carryover funds from 2019, as well as donations from 2020, we were able to provide additional support to the Dracula reserve and the Ecominga Foundation (\$148,872) in Ecuador. By partnering (and thus getting matching funding) with the Rainforest Trust and the University of Basel Botanic Garden, our donations towards the Dracula Reserve expansion enabled the purchase of 975 acres of the Choco rainforest! We also did a special fundraising to provide food for several of the villages surrounding the Ecominga reserves in Ecuador (\$14,250) who had been severely impacted by the pandemic and

subsequent lockdown. It was a wonderful opportunity to show the local people that a reserve can provide an economic benefit to the surrounding community.

Income		Expenses	
Donations	95885	Reserves	148872
Memberships	19522	Ecuador families	14250
Merchandise	5071	Legal and accounting	4737
Trips	567	Insurance, office expenses, software	4025
		Marketing, website	5049

In 2020, the OCA spent 91% of the funds we receive from donors and memberships on our direct conservation work protecting orchid rich habitats, benefiting endangered species, and neighboring communities, among the highest percentages of any major conservation NGO. No board member receives financial benefit and we have no staff salaries.



Sobralia crocea, photographed growing next to the road near the Dracula Reserve, Ecuador

This year we welcomed two new additions to the Orchid Conservation Alliance team.

Roberta Fox

Roberta has taken over the role of Membership Chair, and will be working with the Directors to help expand our membership outreach. She has many years of experience in database management and we are really looking forward to her help with this essential component of the OCA.



Candy Hollinger



We hope you have noticed our uptick in social media posts, both on our Facebook and Instagram pages. We have Candy Hollinger to thank for that. Her experience and familiarity with these platforms will play an integral role as we work towards

expanding our membership base and help the orchid community to learn more about what the OCA is doing and how to support us.

The Ugliest Orchid

Perhaps appropriately for this strange year, the Royal Botanical Garden, Kew (RBG Kew) released a list of 156 new species including what they call the "ugliest orchid in the world," named by Kew as one of the "Top 10 species new to science in 2020." The story was picked up by news agencies across the globe, and the main photo in these articles was taken by OCA member Rick Burian, whose image was part of the scientific description. The orchid was discovered on the OCA Orchids in the Wild tour to Madagascar. Hopefully, the discovery and narrative will highlight the need for protection of orchids and orchid habitat, which is the heart and soul of the Orchid Conservation Alliance. How amazing that the OCA was at the center of the tale!

<https://drive.google.com/drive/my-drive>

Speakers Bureau

The pandemic brought about a new way to attend orchid meetings-virtually. The advent of Zoom, Go to Meeting and other web based platforms enabled orchid enthusiasts to attend seminars by orchid experts from the comfort of their couch! Moreover, because there is no travel involved, even societies that could not afford to pay the travel expenses of a speaker now had a broad selection of zoom based seminar speakers. The OCA board of directors, as well several of our enthusiastic members, now offer a number of presentations to orchid societies. All of the speaker fees are donated to the Orchid Conservation Alliance.

Speaker	Email	Topics
Steve Beckendorf	steve@orchidconservationalliance.org	<ul style="list-style-type: none"> • Sex, Lies and Parasites: Sexual Deception in Orchids • Lost and Found: Searching for Rare Orchids in Colombia • Why Are There So Many Orchids? • Making Orchid Reserves in the Andes
Mary Gerritsen	mary@orchidconservationalliance.org	<ul style="list-style-type: none"> • Masdevallias, Gems of the Orchid World • Miniature Orchids and How to Grow Them • Slippery Tales: Adventures of Hunting Slipper Orchids in the Wild • Hunting Orchids in Sulawesi • Hunting Orchids in Borneo • Orchids of the Lost World: Ascent of Mt. Roraima • Outdoor Orchids for Coastal California • Orchids of Chiapas • Orchids and Tribes of Papua New Guinea
Ron Kaufmann	ron@orchidconservationalliance.org	<ul style="list-style-type: none"> • Conserving Orchids in the Wild • Diamonds in the Rough: The Orchids of Chapada Diamantina, Brazil • Life on the Rocks: The World of Rupicolous Orchids • Orchid Travels in Ecuador • Orchids at the Beach • Orchids of Tropical America • Searching for Orchids in Colombia • South American Slipper Orchids: Habitats and Conservation
Peter Tobias	peter@orchidconservationalliance.org	<ul style="list-style-type: none"> • Conserving Orchids with the OCA: Let's Not Get Caught Napping
Debbie Halliday	debhallid@gmail.com	<ul style="list-style-type: none"> • Orchids for Indoors & Out-without a greenhouse • Orchid Care • Cattleya Repotting
Bill Loy	bloy1@san.rr.com	<ul style="list-style-type: none"> • Hunting orchids on the Rio Negro with the OCA • Searching for orchids with the OCA in Southern Mexico from Palenque to El Triunfo.
Scott McGregor	p16@mcgregorfamily.net	<ul style="list-style-type: none"> • Mediterranean-Climate Terrestrial Orchids of Europe and Australia (and how to grow them) • Pushing Limits (experiments with new species to grow outdoors) • In Search of Blue (blue color in orchids)



View of the flooded Amazon forest from the Otter, Orchids in the Wild tour to the Rio Negro, Brazil.



Angraecum lecomtei, photographed in situ (Orchids in the Wild tour to Madagascar)