

CENTRAL OHIO ORCHID SOCIETY



Reporter
January 2023

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CentralOhioOrchidSociety.org



PRESIDENT'S MESSAGE | January 2023

I hope everyone had a wonderful winter break and New Year. I would imagine you have had many blooms already... that seems to be how it works for me. So many blooms in December and I don't get to share them with you all.

Congratulations to all the 2022 Awardees. For those who were unable to come to the potluck in November, I will bring the awards to the February meeting. Grower Award gift certificates can be redeemed at our 2023 show in the fall.

Beginner Grower Award

1st Place – Anne O'Connell Nulls
2nd Place – Robert Dudley

Grower Award

1st Place – Dave & Edna Markley
2nd Place – Ken Mettler

Greenhouse Grower Award

1st Place – Tennis Maynard
2nd Place – Dennis Eifel

President's Awards

Tom Hart
Tracy Strombotne

One item that has captured my attention is that many of you do not have my contact information. I want to be transparent and include that now. Please keep in mind that I do work, and I may not be able to answer immediately but you are always more than welcome to reach out with concerns, recommendations, etc. My email is amy.thomas36@gmail.com and my phone number is 614-537-6149.

At our board meeting in December, it was agreed that we would continue to meet at Franklin Park Conservatory in 2023 and would have the last two meetings at Tracy Strombotne's church in Worthington.

I regret that I will not be at the meeting this month, but I have some traveling for work. I look forward to seeing everyone in February.

Please join us for the Beginner's Corner for the first 30 minutes before the meeting and bring your blooming plants for the show table.

Amy Stanley

COOS President

Topic: Central Ohio Orchid Society January 2023 meeting
Time: Jan 19, 2023 06:15 PM Eastern Time (US and Canada)

Join Zoom Meeting:

<https://us02web.zoom.us/j/84951682584?pwd=SkhYL29BUFR6RUxnd0RveGxqYTNaUT09>

Meeting ID: 849 5168 2584

Passcode: 697435

One tap mobile

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OAKWOOD ORCHIDS

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Central Ohio Orchid Society January 2023 Meeting

January 19, 2023 | 6:15 PM EST

"Failures and Successes: Going Beyond the Beginner Stage"

JIM FRANCE of **OAKWOOD ORCHIDS** plans to come in person, weather permitting, and bring plants for a sale. This meeting will also be on Zoom.

In 1993, after viewing a customer's collection, Jim France finally bought a cymbidium. As he tells many a beginner, everyone kills at least one...and so it was promptly drowned. As it happened an orchid show was the following week, and the passion commenced. Jim became a member of an orchid society, and learned from the experts in the group, as well as the many wonderful growers he befriended. Fueled by his interest, Jim began selling in 1996, and established Oakwood Orchids. He dabbled in hybridization, and enjoyed the things that were more different than the normal orchids found easily. Jim has grown under lights for 23+ years, and finally with the collection and business growing, established two medium greenhouses.

Jim is past treasurer and president of the Miami Valley Orchid Society; past board member of MAOC shows, and is an AOS judge. The first orchid awarded was *Catasetum Hilltop's* Dingbat 'Junior', a *catasetum* named after his grandson. One of his favorites, *catasetums* are a part of his collection and he has received two additional awards: *Catasetum pileatum* 'Leeann' and *Catasetum osculatu*, 'The Boys'. Enjoying a variety of orchids, another early award was for *Phragmepedium* Sergeant Eric 'Hans', which spurred another part of the collection. Jim has received a total of 25 AOS awards, including the 2019 annual AOS Roy T. Fukumura Vandaceous Award for *Robiquetia cerina* 'Donna's Treasures' AM/AOS.

Currently **Oakwood Orchids** specializes in species and harder to find orchids.

<https://www.facebook.com/OakwoodOrchids/>

NOVEMBER PLANT OF THE MONTH



Maxillaria sophronitis

Grown by
Nancy Shapiro

This beautiful Venezuelan species is best grown mounted on a slab, with medium light and intermediate temperatures. It prefers high humidity year-round. Water daily if mounted, with weekly light feeding. The species can be watered a little less frequently in winter, but the roots should never stay dry for too long.

NOVEMBER 2022 SHOW TABLE

CATTLEYA SPECIES

- 1st *Cattleya labiate var. rubra*
 2nd *Cattleya bicolor*
 3rd *Coilostylis ciliare*

GROWN BY

Ken Mettler
 Ken Mettler
 Ken Mettler

CATTLEYA HYBRIDS (large flower)

- 1st Cattleya NOID
 2nd Bct. Haleahi Profusion
 3rd Pot. Star Fire

GROWN BY

Edna & David
 Markley
 Ken Mettler
 Tracy Strombotne

CATTLEYA HYBRIDS (small flower)

- 1st Enc. Green Hornet
 2nd Eplc. Volcano Trick 'Orange Fire'
 3rd Slc. Purple Doll x Pot. Rubescens

GROWN BY

Edna & David
 Markley
 Edna & David
 Markley
 Amy Stanley

PAPHIOPEDILUM SPECIES

- 1st *Paphiopedilum spicerianum*
 2nd *Paphiopedilum barbatum var. nigratum 'Pygmy'*

GROWN BY

Edna & David
 Markley
 Tom Hart

PAPHIOPEDILUM HYBRIDS

- 1st Paph. fairrieianum x (Paph. Pacific Shamrock x Yuerba Buena 'Golden Boy')
 2nd Paph. masterianum 'SVO' x Paph. Macabre 'Mother Mary'
 3rd Paph. Windrush

GROWN BY

Edna & Dave
 Markley
 Tom Hart
 Edna & David
 Markley

PHRAGMIPEDIUM

- 1st Phrag. Green Hornet
- 2nd Phrag. Green Hornet

GROWN BY

Tracy Strombotne
Tom Hart

ONCIDIUM

- 1st Onc. Sharry Baby 'Sweet Fragrance'
- 2nd Onc. Wildcat 'Green Valley'

GROWN BY

Tracy Strombotne
Tom Hart

PLEUROTHALLIS

- 1st *Dracula vespertilio*
- 2nd *Masdevallia lilacina*

GROWN BY

Tom Hart
Tom Hart

OTHER

- 1st *Maxillaria sophronitus*
- 2nd Phalaenopsis Purple Gem 'Fangtastic'
- 3rd *Chysis limminghei*

GROWN BY

Nancy Shapiro
Tracy Strombotne
Amy Stanley

PLANT OF THE MONTH

Maxillaria sophronitus

GROWN BY

Nancy Shapiro

CATTLEYA SPECIES



Cattleya labiata var. rubra

Grown by
Ken Mettler

CATTLEYA HYBRID (large flower)



Cattleya NOID
Grown by
Tracy Strombotne

CATTLEYA HYBRID (small flower)



Enc. Green Hornet
Grown by
Edna & Dave Markley

PAPHIOPEDILUM SPECIES



Paph. spicerianum
Grown by
Edna & Dave Markley

PAPHIOPEDILUM HYBRID



Paph. fairrianum album x (Paph. Pacific Shamrock x Yerba Buena 'Gold Dragon')

**Grown by
Edna & Dave Markley**

PHRAGMIPEDIUM



Phrag. Green Hornet
Grown by
Tracy Strombotne

ONCIDIUM



**Onc. Sharry Baby 'Sweet
Fragrance'**

Grown by
Tracy Strombotne

PLEUROTHALLIS



Dracule vespertilio

Grown by
Tom Hart

OTHER



Maxillaria sophronitis

Grown by
Nancy Shapiro

COOS BOARD MEMBERS 2023

PRESIDENT | Amy Stanley

VICE PRESIDENT | Jessica Badger

SECRETARY | Tom Hart

TREASURER | Cheryl Early

IMMEDIATE PAST PRESIDENT | Nancy Shapiro

TRUSTEE | Megan Osika

TRUSTEE | Troy Timbrook

COOS APPOINTED CHAIRS 2023

AOS REPRESENTATIVE | Tom Hart

MAOC REPRESENTATIVE | Ken Mettler

PROGRAMMING | Tracy Strombotne

HOME SHOW | Dave Markley

AWAY SHOW | Ken Mettler

MEMBERSHIP | Megan Osike

NEWSLETTER | Wendy Chrisman

WEB DESIGNER + SOCIAL MEDIA | Wendy Chrisman

HOSPITALITY | Sandra & Terry Stohr

PUBLIC RELATIONS | Ad Hoc

HOSPITALITY VOLUNTEERS 2023

JANUARY | TBD

FEBRUARY | TBD

COOS CALENDAR 2022

January 19 - 2023

Jim France of

Oakwood Orchids

Failures and Successes:

Going Beyond the Beginner Stage

July 20 - 2023

No meeting

August 17 - 2023

TBD

February 16 - 2023

Edgar Stehli of

Windswept in Time Orchids

Encyclias

September 21 - 2023

TBD

March 16 - 2023

COOS Members

How I Grow My Orchids

October 19 - 2023

TBD

November 16 - 2023

TBD

April 20 - 2023

Danielle Sharp of

Danni's Orchid Journey, YouTube

Growing Orchids in a Small Outdoor

Greenhouse in Northern Ohio

May 18 - 2023


TBD


June 15 - 2023

TBD

AMERICAN ORCHID SOCIETY CORNER





Let's Grow Together!


 www.aos.org



EXCITING REASONS TO JOIN THE AOS TODAY...

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Looking to visit a garden?

Did you know that AOS Members enjoy free or reduced admission to and discounts at hundreds of gardens, conservatories, and arboreta nationwide? See a list of [participating gardens near you!](#)

AOS 4th ORCHID CULTURE DAY "WINTER BLUES"

**Sunday, February 12, 2023
10:00 AM CST / 11:00 AM Eastern
Price: 30.00 USD
Open to All - Tell your orchid friends!**



The AOS is proud to announce its **4th Orchid Culture Day!!!**

We are proud to have Carson Whitlow, best noted for breeding blue Cattleya in the 60s, and AOS judge, speaking on Blue Cattleya and their Culture, Leslie Ee, AOS judge and a noted breeder Blue Phalaenopsis: How Indigos can Help, Rob Griesbach, AOS judge and conservationist, speaking about the History of Breeding Blue Flowers, and noted breeder and AOS judge, speaker, Fred Clarke speaking on His breeding of Blue Mini Cats and other Blue Orchids. Come with your coffee and snacks!! Enjoy a day with these delightful speakers and learn lots about these topics, history, hybridizing and of course CULTURE!

A Virtual Event

We all get the blues in winter, but not these kinds of blues!

We are thrilled to welcome this fantastic speaker lineup:

Fred Clarke, AOS Accredited judge, professional grower and hybridizer will be speaking about his experience in the hybridizing of Blue Cattleyas and mini Cats.

Carson Whitlow, "The Father of Blue Cattleya Breeding" will speak about the history & hybridizing of Blue Cattleyas.

Dr. Leslie Ee, AOS Accredited Judge, will speak about blue Phalaenopsis and how Indigos can help in their hybridizing.

Dr. Rob Griesbach, AOS Accredited Judge will speak about the culture & hybridizing of blue flowers.

Join us for this most interesting and informative webinar and enjoy a day with these great

speakers and learn about all things BLUE - history, hybridizing and of course, CULTURE!

This virtual event is open to all - Cost is \$30

There are always a few surprises. Tell your Orchid friends!

Schedule (All times are Central Standard Time):

10-10:45 **Fred Clarke**, 10:45-11:00 am Q and A

11-11:15 Coffee Break

11:15-12:00 pm **Carson Whitlow** Q and A 12-12:15pm

12:15-12:30 pm, Refreshment break

12:30-1:15 **Leslie Ee** 1:15 -1:30, questions taken to send to Ron in England, to answer later

1:30-1:45 Refreshment break

1:45-2:30 **Rob Griesbach** 2:30-2:45 Q and A

2:45-3 pm **Spin the Wheel of Orchid Fortune!!** for a prize

This event will be held virtually using our GotoWebinar platform

Unable to Join the Live Stream? No problem! We will provide registrants a link to view the **recording** at your convenience.

TO REGISTER, GO HERE:

<https://register.gotowebinar.com/register/2046372986361456733>

FOR THE NOVICE: Bud Blast and Flower Blighting

By Sue Bottom

Reprinted from AOS

Who does not enjoy seeing a jewel orchid with its interesting leaf coloration and venation, or a *Phalaenopsis schilleriana* with its beautiful variegated leaves? The orchid aficionado always enjoys a well-grown plant with unblemished leaves and a good growth habit. While there are some orchids grown for their foliage, the big payoff for our time and trouble is the appearance of long-anticipated flowers. When the floral display is ruined because the buds blast before opening or become blighted after opening, we wonder what we should have done differently.

NEWLY ACQUIRED PLANTS Bud blast on plants that have just been brought into your growing area is probably the norm rather than the exception. Think about how your new orchid was uprooted from the cozy greenhouse where its every need was met, jammed into a box or flat, loaded into a truck or airplane, or sat on the shelf at the retail outlet before arriving at your growing area. Every environmental cue an orchid uses to adjust to its environment was confused by its journey. It should not be surprising that these jet-lagged plants drop some or all of their buds.

THE PROBLEM OF “TOO” When developing buds become yellow, shrivel, dry up, and ultimately fall off instead of blooming, there is a problem with the environment, pests, or plant health. If the plant has been growing well in your care for several months when you notice the buds drop, there may be a problem that usually involves “too”; i.e., too hot, too cold, too wet, or too dry. It could be too hot if grown in a too-sunny window, if too close to a heating vent, or if left in a too-hot car. It could be too cold if grown too close to a window during cold weather, if too close to an air conditioner vent, or if taken to your society meeting on a cold night. It could be too wet if it is watered too frequently or if the potting mix is too old and the roots die due to lack of air, so the plant does not have the strength to flower. It could be too dry if grown in an environment with too-low humidity, such as an air-conditioned or heated home, or if it is provided with too little water, forcing the plant to reabsorb moisture from the buds as a survival mechanism. While you cannot bring the blasted buds back to life, you can help prevent future buds from blasting if you can diagnose which “too” is causing the cultural problem.

CHEMICAL DAMAGE Chemicals sprayed onto flowers can damage them, causing a burnt appearance with browning around the edges or dry spots on the buds. As the water in the chemical solution evaporates from the flower, the previously dissolved chemical is concentrated on the tender flower. Overly strong fertilizer solutions can cause chemical burns on flowers, as can many pesticides and fungicides, particularly copper-bearing chemicals. Be careful to accurately calculate and measure chemical application rates to prevent overdosing your plants. To the extent possible, try not to wet the flowers with fertilizers or chemicals unless you know they will not damage your flowers. During summer’s heat, you may consider spraying in the late afternoon when it is cooler.

PREMATURE AGING If present at a certain level, ethylene gas can cause young phalaenopsis and dendrobium buds to drop or age prematurely. Ethylene gas causes sepals of just-opened cattleya flowers to lose their substance and become dry and brown; the petals can behave similarly at higher concentrations. At even higher levels, you might notice leaf yellowing and a decline in plant health. Ethylene is a byproduct of incomplete combustion, so it can find its way into your growing area from an unvented fuel-fired heater, a leaky vent line from the heater, a nearby internal combustion engine, a leaking gas line or automotive exhaust fumes. In industrialized or smoggy areas, there may be certain times of the year when inversion layers trap pollutants under the clouds, so ethylene concentrations can build up to damaging levels. Ethylene gas is also naturally produced by rotting or ripening fruit. In fact, ethylene is released by your newly impregnated orchids, albeit at very low concentrations. You may have noticed that the flower fades as the ovary swells. This is from the ethylene emitted by the plant; some think as a signal to pollinators to move on to the next flower. If you notice premature aging of your flowers, make sure your heaters are operating and venting properly and internal combustion engines are downwind from your growing area. If circumstances and cold weather force you to use an emergency unvented propane heater, realize you have traded some of your flowers to save your orchids.

FLOWER SHEATHS In younger plants, you may occasionally get a blind sheath, one in which the bud fails to develop into a flower. In some cases, this is normal because the plant is not mature yet. If a blind sheath forms on a mature plant, it may not have stored up enough energy for it to flower. The most likely cause in an otherwise healthy plant is insufficient light. A second possibility is nighttime temperatures that are too warm. Warm nights encourage your orchid to consume energy rather than storing it for future growth and flowering.

Sometimes a cattleya will rest after it finishes growing the pseudobulb before initiating flower buds so the sheath is empty for several months. Rogerson's classic articles (2004, 2016) on *Cattleya* species culture describe how cattleyas can be categorized into two groups based on whether they send out roots before or after they flower. The Chadwicks (2006) expanded this concept for the large-flowered unifoliate noting that the *Cattleya* species that root before they flower are the same species that rest before buds appear in the sheath. The resting period can be as short as one month for a *Cattleya labiata* to as many as five or six months for a *Cattleya mossiae*. This relationship between rooting and flowering does not hold true for bifoliate cattleyas. Both *Cattleya tigrina* (*Cattleya leopoldii*) and *Cattleya guttata* root after the growths mature, but *C. tigrina* blooms from a green sheath while *C. guttata* rests and blooms from a dried and brown sheath. Before you conclude that your cattleya is not going to flower from that sheath, check its parentage to see whether you just have to wait patiently for nature to take its course.

Keep an eye on the color of the developing flower sheaths to make sure they are healthy. As long as the sheath is green, a healthy yellow or dried brown color, the sheath is fine and will continue to protect emerging buds. There is no reason to remove a dried sheath unless it starts to rot. Sometimes, when there are big temperature and humidity swings in your growing area, moisture will condense in the sheaths and ultimately cause the bud primordium to rot. If the sheath turns

an unhealthy yellow or wet-looking brown color, gently pull the sheath apart to allow air movement and drain any condensation away from developing buds.

PESTS Small sucking insects such as aphids and thrips can damage developing buds and flowers. For any of these flower-targeting pests, you will have to spray the flowers being attacked, so choose your chemicals carefully and be careful to make sure your application rates are proper. You can knock aphids off the flowers with a gentle water or soapy water spray or dab at them with isopropyl alcohol.

Thrips can cause buds to abort and flowers to look burned or virused. These small, flying insects have rasping mouth parts that do considerable damage to the tender floral tissue. If you have a penchant for blooming plants and trees in your yard or live in an agricultural region, you may find there is a considerable population of thrips in the area that may decide to stop in and snack on your orchids. To the extent you can spray citrus trees, gardenias, and other plants that attract thrips, you may be able to keep populations low and out of your growing area. However, if you know there are thrips in your area, the best way to protect your blooms is a preventative weekly “poofing” with Orthene (acephate), Avid (abamectin) or Conserve (spinosad). You do not need to do a broadcast spray onto every leaf surface, just a targeted spray onto all the flower buds and open flowers. You should spray any emerging or exposed floral parts and make it part of your regular weekly routine.

Large chewing pests such as caterpillars, cockroaches, snails, slugs, grasshoppers, mice, etc. can eat flower parts and do considerable damage quickly. Caterpillars can be physically removed, or you can spray with Bt (*Bacillus thuringiensis*), a naturally occurring bacteria that kills caterpillars. Poison baits are required for larger pests, once you decide which pest is causing your problems. You might have to do a few nighttime forays with a flashlight to discover what your next step might be. For cockroaches, spread one of the granular boric acid products like Niban. For snails and slugs, try some iron phosphate products such as Sluggo. For rodents, set up rat traps or poison bait stations. Be sure to keep pets and small children away as some products can be deadly. For grasshoppers, crushing them between two bricks is immensely satisfying.

DISEASE Flowers can be marred by the ever-present fungus *Botrytis cinerea*, particularly when cool and damp conditions favor its growth. Moisture on the flowers is required for *Botrytis* to grow. Water early in the day, increase air movement, and provide warm (>60 F or 16 C) nighttime temperatures to help keep the flowers dry. If your budget does not allow you to keep your growing area this warm, try spraying the flowers with Daconil (chlorothalonil) or Medallion (fludioxonil) on a regular basis. There is no way to remove the spots once a flower is infected. Removing the blighted flowers to a sealed container will help reduce the number of spores that could act as an inoculant in your growing area.

VIRUS Flower blighting caused by some of the more common orchid viruses results in floral color break or necrotic streaking, both of which are unsightly. Sometimes thrips or chemical

damage is mistaken for viral color break and normal aging is mistaken for blossom brown necrotic streak. You may want to consider keeping Agdia test strips on hand as a simple way to confirm whether the plant has cymbidium mosaic virus or odontoglossum ringspot virus. There is no treatment for a virused plant and there is the risk of spreading the virus to other plants in your collection. Given the expectation that the viral flower blighting will recur year after year, it is a simple decision to throw the plant away, and not into the compost bin. Though you hate to discard any orchid, you can accentuate the positive by thinking of it as an opportunity to open bench space for those new seedlings you are hoping to flower this year.

A plant generally does not initiate the development of buds unless it has enough stored energy to flower. If buds drop after forming, there has likely been some sudden change in environmental conditions. Be observant of changes in sunlight, temperatures, humidity, etc. in your growing area, so you can help prevent the problems of “too.” Keep careful watch over your plants for evidence of pest and disease problems and have a precautionary treatment plan in force to prevent them from blighting your flowers. We may lose a few flowers along the way, but if we keep observing, listening, and learning, we will get better at growing and flowering our orchids year after year.

REFERENCES

- Chadwick, A.A. and A. Chadwick. 2006. *The Classic Cattleyas*. Timber Press, Portland, Oregon. p. 50–52.
- Rogerson, W.P. 2004. Cattleya Species and Their Culture. *Orchid Digest* 68(4):196–219.
- Rogerson, W.P. 2016. Cattleya Species and Their Culture. *Orchids* 85(10, Supplement):26–37.

ADDITIONAL READING

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- Jones, S. 2003. Bud Blast. *Orchids* 72(7):498–499.

— Sue Bottom started growing orchids in Houston in the mid-1990s after her husband Terry built her first greenhouse. They settled into St. Augustine, Florida, Sue with her orchids and Terry with his camera and are active in the St. Augustine Orchid Society, maintaining the society's website and publishing its monthly newsletter. Sue is also a member of the AOS Editorial Board (sbottom15@hotmail.com).

Article and pictures can be found in the pp 32-36 of the January 2016 Edition of ORCHIDS Magazine.



ORCHIDS

January 21, 2023 to February 12, 2023

DURING GENERAL ADMISSION & SPECIAL ENGAGEMENTS (AFTER 5PM)

This year, *Orchids* is a celebration of sunny days and a welcome respite from dreary winter blues.

Warm, sunshiny days fill our dreams during Ohio's winters. The themed displays of *Orchids* turn those dreams into reality! A vibrant rainbow of thousands of orchid blooms will fill this year's exhibition, transporting visitors to the time of open windows, butterflies and buzzing bees, beach trips and refreshing ice cream treats.

Orchid container gardens also serve as pops of color and fragrance throughout the rest of the interior Conservatory.

**ALL AGES
INCLUDED WITH ADMISSION
DOROTHY M. DAVIS SHOWHOUSE
[RESERVE TICKETS](#)**

<https://www.fpconservatory.org/exhibitions/orchids/>

ORCHIDS included in daily General Admission + Special Engagements / Events:



January Chihuly Night

January 21

See the Chihuly Collection in a whole new light and explore the Conservatory after dark



February Community Day

February 5

General Admission is waived for residents of Columbus or Franklin County.



Tiki in the Tropics

February 11

The first Cocktails at the Conservatory of the ye is a tropical escape.



February Chihuly Nights

February 14

See the Chihuly Collection in a whole new light and explore the Conservatory after dark.



UPCOMING EVENTS AT ALL LOCATIONS



Join Oakland for our 'Love Your Birds' Sale!

January 29 - February 28

All Garden Center Locations: Enjoy Savings on Bird Seeds and Bird Accessories! Sale details to be announced later in the month. Plus, both special guests at the Columbus & Dublin store locations on Saturday & Sunday, February 4 & 5 and/or February 11 & 12.



Oakland Invites You to Our Annual Spring Fling Event!!!

March 11 - March 19

All Locations: Sales and weekend door prizes!

COLUMBUS GARDEN CENTER EVENTS



Oakland's Spring Fling!!!

March 11 - March 19

* Celebrate with 33% off savings **on select garden items!**

* Plus, enjoy Spring Fling extras like **weekend door prizes on March 11 & 12 and March 18 & 19!**



ORCHID CONSERVATION ALLIANCE

Native Orchids of Ohio and Adjacent States Tour = May 14-May 25

There are over 200 different orchid species native to the USA, and the Ohio valley is home to over 50 species, including some of the most spectacular ones. We have planned a tour and dates that will maximize the number of slipper orchid species that we will see (e.g. *Cypripedium acaule*, *C. acaule* var. *alba*, *C. parviflorum* var. *pubescens*, *C. parviflorum* var. *makasin*, *C. kentuckiense*, *C. candidum*, *C. x andrewsii*) in addition to many other lovely orchid species including *Galearis spectabilis*, *Isotria verticillata*, *Spiranthes lucida*, *Aplectrum hyemale* var. *pallida*,

and *Neottia cordata*. The Ohio valley also has several famous historical sites including the Serpent Mound, Fort Hill Earthworks, the Portsmouth Murals, Kelley's Island, the Glacial Grooves and the Marblehead Lighthouse, all of which are featured on our tour. Other flowers and interesting plants will include the lakeside daisies (*Tetranneuris herbacea*), lupines, azaleas, interrupted ferns, and forest lousewort. Our tour begins in Columbus Ohio, travels south and west to bordering Kentucky, north and west to neighboring Michigan and ends in Buffalo, NY, with the spectacular Niagara falls as the finale. Our small group will be traveling in a minibus, and staying at very nice hotels near the reserves and conservation sites. Our guides Angela Carter and Jeanne Rhinehart both live in the Ohio Valley, are active in the Native Orchid Preservation and Education Society, and know all the best sites to see these orchids and other wildflowers. We will visit several conservation reserves and areas that not open to the public.

[Learn More](#)

Dates & Prices

- Dates: May 13-May 25, 2023
- Price: \$2800 \$1000 single supplement (total \$3800).
- Deposit: \$500 per person. Due by Feb 1. (Refundable up to this date)
- Final Payments Due: April 1, 2023
- Price includes: Price includes ground transportation, driver, guides, breakfast and lunch, hotel accommodations, entry to reserves, parks et.
- Not included: Round trip airfare, travel insurances, alcohol, personal items, tips. Also for this trip, dinner is not included in the price. This is due to the very limited choices for vegetarians at many of the restaurants. The hotels are located in areas near local restaurants, so participants can make their own choices.
- Conservation Donation: Included in the price is a donation (~\$500 per person) to the Orchid Conservation Alliance. The Orchid Conservation Alliance is a 501(c)3 organisation, and for USA residents, the donation may be tax deductible. A formal acknowledgement letter with the exact amount donated is sent to each participant at year end
- Leader: Angela Carter and Jeanne Rhinehart
- Group size: Maximum of 8

[Register Now](#)

- [Photos](#)
- [Holiday Itinerary](#)
- [Holiday Details](#)
- [Guides](#)
- [Airport Transportation](#)





From the Orchid Conservation Alliance: "Thank you to Al Gibson, Ron Coleman, Jeanne Rhinehart, Angela Carter and Jun Lao for the use of your photos to promote the tour."



American Orchid Society
Education. Conservation. Research.

January 21, 2023

Show, Judging Event

[Peninsula Orchid Society's Annual Show and Sale](#)

Community Activities Building, 1400 Roosevelt Ave, Redwood City, CA 94061

The Peninsula Orchid Society's Annual Show and Sale is being held January 21 - 22, 2023 at the Community Activities Building, 1400 Roosevelt Ave, Redwood City, CA 94061.

[EVENT DETAILS](#)

January 21, 2023

Show, Judging Event

[Cape and Islands Orchid Society's "Orchids in Captivity"](#)

The Cape and Islands Orchid Society's "Orchids in Captivity" is being held January 21 - 22, 2023 at The Resort and Conference Center, 35 Scudder Ave., Hyannis, MA 02601.

[EVENT DETAILS](#)

January 21, 2023

Show, Judging Event

[National Capital Orchid Society "43rd Annual Paphiopedilum Forum"](#)

North Chevy Chase Christian Church, 8814 Kensington Parkway, Chevy Chase, MD 20815

National Capital Orchid Society "43rd Annual Paphiopedilum Forum" is being held January 21, 2023 at the North Chevy Chase Christian Church, 8814 Kensington Parkway, Chevy Chase, MD 20815.

[EVENT DETAILS](#)

January 28, 2023

Show, Judging Event

[Florida West Coast Orchid Society's "Sea of Orchids"](#)

Seminole Recreation Center, 9100 113th Street N, Seminole, FL 33772

Florida West Coast Orchid Society's "Sea of Orchids" is being held January 28 - 29, 2023 at the Seminole Recreation Center, 9100 113th Street N, Seminole, FL 33772.

[EVENT DETAILS](#)

January 28, 2023

Show, Judging Event

[Orchid Society of Minnesota "Winter Carnival Orchid Show"](#)

Marjorie McNeely Conservatory, 1225 Estabrook Drive, St. Paul, MN 55122

Orchid Society of Minnesota "Winter Carnival Orchid Show" is being held January 28 - 29, 2023 at the Marjorie McNeely Conservatory, 1225 Estabrook Drive, St. Paul, MN 55122.

[EVENT DETAILS](#)

January 28, 2023

Show, Judging Event

[Grand Valley Orchid Society Annual Orchid Show](#)

Frederik Meijer Gardens & Sculpture Park, 1000 East Beltline NE, Grand Rapids, MI 49525

The Grand Valley Orchid Society Annual Orchid Show is being held January January 28 - 29, 2023 at the Frederik Meijer Gardens & Sculpture Park, 1000 East Beltline NE, Grand Rapids, MI 49525.

[EVENT DETAILS](#)

January 28, 2023

Show, Judging Event

[Orchid Society of Greater St Louis "Unburied Treasures"](#)

Missouri Botanical Garden, 4344 Shaw Blvd, St. Louis, MO 63110

Orchid Society of Greater St Louis "Unburied Treasures" is being held January 28 - 29, 2023 at the Missouri Botanical Garden, 4344 Shaw Blvd, St. Louis, MO 63110.

[EVENT DETAILS](#)

February 3, 2023

Show, Judging Event

[Susquehanna Orchid Society's "For the Love of Orchids"](#)

Milton and Catherine Hershey Conservatory at Hershey Gardens, 170 Hotel Road, Hershey, PA 17033

Susquehanna Orchid Society's "For the Love of Orchids" is being held February 3 - 5, 2023 at the Milton and Catherine Hershey Conservatory at Hershey Gardens, 170 Hotel Road, Hershey, PA 17033.

[EVENT DETAILS](#)

February 3, 2023

Show, Judging Event

[Deep Cut Orchid Society Show](#)

Dearborn Market, 2170 Route 35 South, Holmdel, NJ, 07733

Deep Cut Orchid Society Show is being held February 3 - 5, 2023 at the Dearborn Market, 2170 Route 35 South, Holmdel, NJ, 07733.

[EVENT DETAILS](#)

February 3, 2023

Show, Judging Event

[Gulf Coast Orchid Society Show and Sale](#)

Gautier Convention Center, 2012 Library Lane, Gautier, MS 39553

Gulf Coast Orchid Society Show and Sale is being held February 3 - 5, 2023 at the Gautier Convention Center, 2012 Library Lane, Gautier, MS 39553.

EVENT DETAILS

February 4, 2023

Show, Judging Event

Venice Area Orchid Society Show & Sale

Venice Community Center, 326 S Nokomis Ave, Venice, FL 34285

Venice Area Orchid Society Show & Sale is being held February 4 - 5, 2023 at the Venice Community Center, 326 S Nokomis Ave, Venice, FL 34285.

EVENT DETAILS

February 4, 2023

Show, Judging Event

Greater Cleveland Orchid Society's 2023 Orchid Show & Sale

Cleveland Botanical Garden, 11030 East Blvd, Cleveland, OH 44118

The Greater Cleveland Orchid Society's 2023 Orchid Show & Sale is being held February 4 - 5, 2023 at the Cleveland Botanical Garden, 11030 East Blvd, Cleveland, OH 44118.

EVENT DETAILS

February 4, 2023

Show, Judging Event

Orchid Growers Guild "Orchid Quest"

Olbrich Botanical Gardens, 3330 Atwood Ave, Madison, WI 53704

Orchid Growers Guild "Orchid Quest" is being held February 4 - 5, 2023 at the Olbrich Botanical Gardens, 3330 Atwood Ave, Madison, WI 53704.

EVENT DETAILS

February 8, 2023

Show, Judging Event

Sociedad de Orquidistas de Mayaguez "Festival de Orquideas del Oeste"

Mayaguez Mall, 975 Ave Eugenio María de Hostos, Mayagüez, 00680, Puerto Rico

Sociedad de Orquidistas de Mayaguez "Festival de Orquideas del Oeste" is being held February 8 - 12, 2023 at the Mayaguez Mall, 975 Ave Eugenio María de Hostos, Mayagüez, 00680, Puerto Rico.

EVENT DETAILS

February 10, 2023

Show, Judging Event

New Hampshire Orchid Society's "Celebrating Orchids"

The Event Center at the Courtyard Marriott, 2200 Southwood Drive, Nashua, NH, 03063

New Hampshire Orchid Society's "Celebrating Orchids" is being held February 10 - 12, 2023 at the Event Center at the Courtyard Marriott, 2200 Southwood Drive, Nashua, NH, 03063.

EVENT DETAILS

February 10, 2023

Show

*Greater Orlando Orchid Society Show and Sale

The Orlando Garden Club, Loch Haven Park, 710 East Rollins Street, Orlando, FL 32803

The Greater Orlando Orchid Society Show and Sale will be taking place February 10 - 12, 2023 at the Orlando Garden Club, Loch Haven Park, 710 East Rollins Street, Orlando, FL 32803. There will be no AOS Judging at this event.

EVENT DETAILS

February 11, 2023

Show, Judging Event

Boca Raton Orchid Society Show "In Love With... Orchids"

Safe Schools Institute, 1790 NW Spanish River Blvd., Boca Raton, FL 33431

Boca Raton Orchid Society Show "In Love With... Orchids" is being held February 11 - 12, 2023 at the Safe Schools Institute, 1790 NW Spanish River Blvd., Boca Raton, FL 33431.

EVENT DETAILS

February 11, 2023

Show, Judging Event

Southern Ontario Orchid Society 2023 Orchid Show and Sale

Toronto Botanical Garden, 777 Lawrence Avenue East, Toronto, Ontario, M3C 1P2, Canada

Southern Ontario Orchid Society 2023 Orchid Show and Sale is being held February 11 - 12, 2023 at the Toronto Botanical Garden, 777 Lawrence Avenue East, Toronto, Ontario, M3C 1P2, Canada.

EVENT DETAILS

February 17, 2023

Show, Judging Event

Asociación Orquideologica de Escazú "Festival de Orquideas Escazú 2023"

Villa Deportiva de Escazú, Escazú, San Jose, Costa Rica

Asociación Orquideologica de Escazú "Festival de Orquideas Escazú 2023" is being held on February 17 - 19, 2023 at the Villa Deportiva de Escazú, Escazú, San Jose, Costa Rica.

EVENT DETAILS

February 17, 2023

Show, Judging Event

National Capital Orchid Society Show and Sale

Homestead Gardens, 743 West Central Ave, Davidsonville, MD 21035

The National Capital Orchid Society Show and Sale is being held February 17 - 19, 2023 at Homestead Gardens, 743 West Central Ave, Davidsonville, MD 21035.

EVENT DETAILS

February 17, 2023

Show, Judging Event

Central Vancouver Island Orchid Society Show and Sale

Nanaimo North Town Center, 4750 Rutherford Road, Nanaimo, BC, V9T 4K6 Canada

Central Vancouver Island Orchid Society Show and Sale is being held February 17 - 19, 2023 the Nanaimo North Town Center, 4750 Rutherford Road, Nanaimo, BC, V9T 4K6 Canada.

EVENT DETAILS

February 24, 2023

Show, Judging Event

San Francisco Orchid Society's "Pacific Orchid Exposition"

Hall of Flowers at Golden Gate Park, 1199 9th Avenue, San Francisco, CA 94122

San Francisco Orchid Society's "Pacific Orchid Exposition" is being held February 24 -26, 2023 at the Hall of Flowers at Golden Gate Park, 1199 9th Avenue, San Francisco, CA 94122.

EVENT DETAILS

February 24, 2023

Show, Judging Event

Naples Orchid Society's "Orchid Mardi Gras"

Naples Botanical Garden, 4820 Bayshore Drive, Naples, FL 34112

The Naples Orchid Society's "Orchid Mardi Gras" is being held February 24 - 26, 2023 at the Naples Botanical Garden, 4820 Bayshore Drive, Naples, FL 34112.

EVENT DETAILS

February 24, 2023

Show, Judging Event

Mobile Area Orchid Society 44th Show

Bellingrath Gardens and Home, 12401 Bellingrath Road, Theodore, AL 36582

The Mobile Area Orchid Society 44th Show is being held February 24 - 26, 2023 at the Bellingrath Gardens and Home, 12401 Bellingrath Road, Theodore, AL 36582.

EVENT DETAILS

February 25, 2023

Show, Judging Event

Batavia Orchid Society Show

DuPage County Fairgrounds, 2015 Manchester Rd, Wheaton, IL 60187

The Batavia Orchid Society Show is being held February 18 - 19, 2023 at the DuPage County Fairgrounds, 2015 Manchester Rd, Wheaton, IL 60187.

EVENT DETAILS

February 25, 2023

Show, Judging Event

Greater Lansing Orchid Society Orchid Show

Michigan State University, Plant & Soil Sciences Bldg, 1066 Bogue St, East Lansing, MI, 48823

Greater Lansing Orchid Society Orchid Show is being held February 25 - 26, 2023 at the Michigan State University, Plant & Soil Sciences Bldg, 1066 Bogue St, East Lansing, MI, 48823.

EVENT DETAILS

February 25, 2023

Show, Judging Event

Amherst Orchid Society Show

Smith Vocational and Agricultural High School, 80 Locust St Rt 9, Northampton, MA 01060

Amherst Orchid Society Show is being held February 25 - 26, 2023 at the Smith Vocational and Agricultural High School, 80 Locust St Rt 9, Northampton, MA 01060.

EVENT DETAILS

February 25, 2023

Show, Judging Event

Orchid Society of the Royal Botanical Gardens "40th Annual Orchid Show"

Royal Botanical Gardens, 680 Plains Road West, Burlington, ON, L7T 4H4, Canada

Orchid Society of the Royal Botanical Gardens "40th Annual Orchid Show" is being held February 25 - 26, 2023 at the Royal Botanical Gardens, 680 Plains Road West, Burlington, ON, L7T 4H4, Canada.