

CENTRAL OHIO ORCHID SOCIETY

Reporter

AUGUST 2020



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PRESIDENT'S MESSAGE

It is amazing to me that we are approaching the end of summer. It has been a fascinating year to say the least. I hope that everyone is enjoying spending time with their orchids, whether inside or outside, and that your plants are growing well. I now have some in spike that I have never had flower before, and some that have doubled in size from last year to this year, and a few (I won't mention how many) that have hit the compost pile. From each experience I have learned something, but I still need a lot more information and help.

One way we can help each other is through our new website (thanks Wendy!). Our orchid forum is starting to "grow" with the ability to ask questions about specific varieties of plants and get some expert help from our more experienced growers. The site lets you know when your question is answered so you just have to check your email to see if help is on the way. To check it out, please make sure you are a COOS member and then register for the **MEMBERS ONLY** section. Once admitted, you can start a new conversation, ask advice, or just read the posts from the recent past. We hope to have more volunteers on specific orchid species, so please let me know if you would like to help our members improve their growing experience.

As a reminder, we can all join and renew our memberships at the website. Please visit the **JOIN US** section of the website and utilize the links provided. As our technology has improved, we felt that we needed everyone's permission to post your photos on our website and on social media platforms, so we are also updating our membership form to include a photo and video release. Also, since we are also on Zoom with the ability to post meetings on our members only section, we wanted to make sure you were aware that if you participate, you may show up on a video for all to see. When we get back to meeting in person, photos of your plants brought in for the show table, will also eventually show up on our website. The Board will be reviewing the draft form at our September meeting and when approved (with or without modifications) it will be available on our website. Of course, if you don't want your photos published, you can opt out by letting us know.

PRESIDENT'S MESSAGE

Thanks again for all of you that submitted your photos for virtual judging. Please remember that I really need you to:

- Send ONE photo of each plant/flowers
- Send up to FOUR plants/flowers for judging
- Check your spelling and formatting of the plant's name and include that name IN THE BODY OF THE EMAIL (not on the picture)

*Nancy Shapiro | President
Central Ohio Orchid Society
18 August 2020*

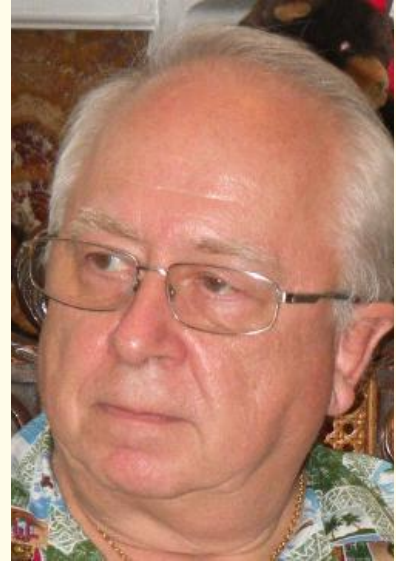


AUGUST SOCIETY MEETING - VIRTUAL MEETING

Kim Fedderson, of **Fair Orchids** is our speaker for this month's meeting. We will be meeting at our regular time, 7:30 pm on Thursday, August 20th. Our topic is **Vandas**.

Kim Fedderson of Fair Orchids in Hillsborough, New Jersey will be speaking about Vandaceous orchids, providing an overview of the primary genera and their cultural requirements, and providing suggestions for the easier groups for home growers.

Kim is originally from Denmark, and worked in his father's greenhouse with orchids after school. He became a hobby grower for over 20 years, moving from windowsill growing, to growing under lights in a basement, to growing today in a greenhouse. He currently has a collection of over 1500 plants, primarily Paphiopedilums and Vandaceous orchids, and including Cattleyas, Aussie Dendrobiums, Cymbidiums and Lycastes. He does some breeding of Paphs and Vandas, focused primarily on neofinetia falcata and ascocentrum hybrids. He has been exhibiting at shows for the last seven years, primarily in New England and the mid-Atlantic, as well as speaking to orchid societies and garden clubs.



Please join us by following the link below:

Topic: **COOS August 2020 Meeting**

Time: **Aug 20, 2020 07:30 PM Eastern Time** (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/89642494599?pwd=b2hHNHhZ6NHJBO1N3NE82akF6TUFGQT09>

Meeting ID: 896 4249 4599

Passcode: 358990

One tap mobile

+13017158592,,89642494599#,,,,,0#,,358990# US (Germantown)

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+1 669 900 6833 US (San Jose)

Find your local number: <https://us02web.zoom.us/j/kcb4BwnEkr>

JULY 2020 PLANT OF THE MONTH

Plant of the Month: *Cattleya bicolor*

Grown by Tennis Maynard



Tennis has found success with *Cattleya bicolor* by thinking about this species a little differently from other Catts. Because they don't have as much water storage capability as other Catts do, It is important to take extra care with their roots. This species does not like for its roots to be kept wet, so Tennis uses slotted ceramic pots and larger, harder bark mix to improve aeration. He advises only to repot when the new roots begin to grow. Avoiding root damage during repotting is also critical to keeping these beautiful plants happy.

JULY 2020 VIRTUAL SHOW TABLE

Cattleya sp:

- | | | |
|---|--------------------|--------------------------|
| 1 | Cattleya bicolor | Grown by Tennis Maynard |
| 2 | Cattleya mossiae | Grown by Tessie Steelman |
| 3 | Encyclia cochleata | Grown by Wayne Roberts |

Cattleya hybrids:

- | | | |
|---|--|---------------------------|
| 1 | Pot. Golden Circle x LC. Tropical Aurora | Grown by Wayne Roberts |
| 2 | Pot. Cape Scarlet Glow 'NN' | Grown by Ken Mettler |
| 3 | Cattleya NoID | Grown by Tracy Strombotne |

Paphiopedilum:

- | | | |
|---|-----------------------|------------------------------|
| 1 | Paph. Lady Isabel | Grown by Tom and Pat Stinson |
| 2 | Paph. lowii | Grown by Justin Pepperney |
| 3 | Paph. rothschildianum | Grown by Justin Pepperney |

Oncidium:

- | | | |
|---|-------------------------------|------------------------|
| 1 | Btcm. Little Dragon 'Carmela' | Grown by Ken Mettler |
| 2 | Obdrs. Kenneth Bivens | Grown by Nancy Shapiro |
| 3 | Psychopsis Mariposa | Grown by Tom Hart |

Phalaenopsis:

- | | | |
|---|----------------------------|-----------------------------|
| 1 | Phal. violacea var. indigo | Grown by Amy Thomas Stanley |
| 2 | Phal. cornu-cervi | Grown by Wayne Roberts |
| 3 | Phal. NoID | Grown by Paul L'Herrou |

JULY 2020 VIRTUAL SHOW TABLE

Vanda:

- 1 Vanda NoID
- 2 Vanda Pachara Delight
- 3 Vanda Motes Adorbs

Grown by Tom and Pat Stinson
Grown by Tom and Pat Stinson
Grown by Jessica Badger

Dendrobium:

- 1 Den. glomeratum
- 2 Den. Gatton Sunray 'Excelsior' FCC/RHS
- 3 Den. parishii var. rubra

Grown by Tennis Maynard
Grown by Tessie Steelman
Grown by Ken Mettler

Other:

- 1 Stanhopea nigroviolacea
- 2 Phrag. Mont Remon
- 3 Lycaste Lemon Twist
- 3 Ctsm. Frilly Doris x tigrinum

Grown by Tennis Maynard
Grown by Tennis Maynard
Grown by Amy Thomas Stanley
Grown by Dennis Eiffel

CATTLEYA SP.



Cattleya bicolor
Grown by Tennis Maynard

Cattleya mossiae
Grown by
Tessie Steelman



CATTLEYA SP.



Encyclia cochleata
Grown by Tracy Strombotne



CATTLEYA HYBRIDS



**Pot. Golden Circle x LC. Tropical Aurora
Grown by Wayne Roberts**



CATTLEYA HYBRIDS



Pot. Cape Scarlet Glow 'NN'
Grown by Ken Mettler



CATTLEYA HYBRIDS



Cattleya NoID
Grown by Tracy Strombotne



CATTLEYA



Stlma. Kelly Lea
Grown by Cortney White

CATTLEYA



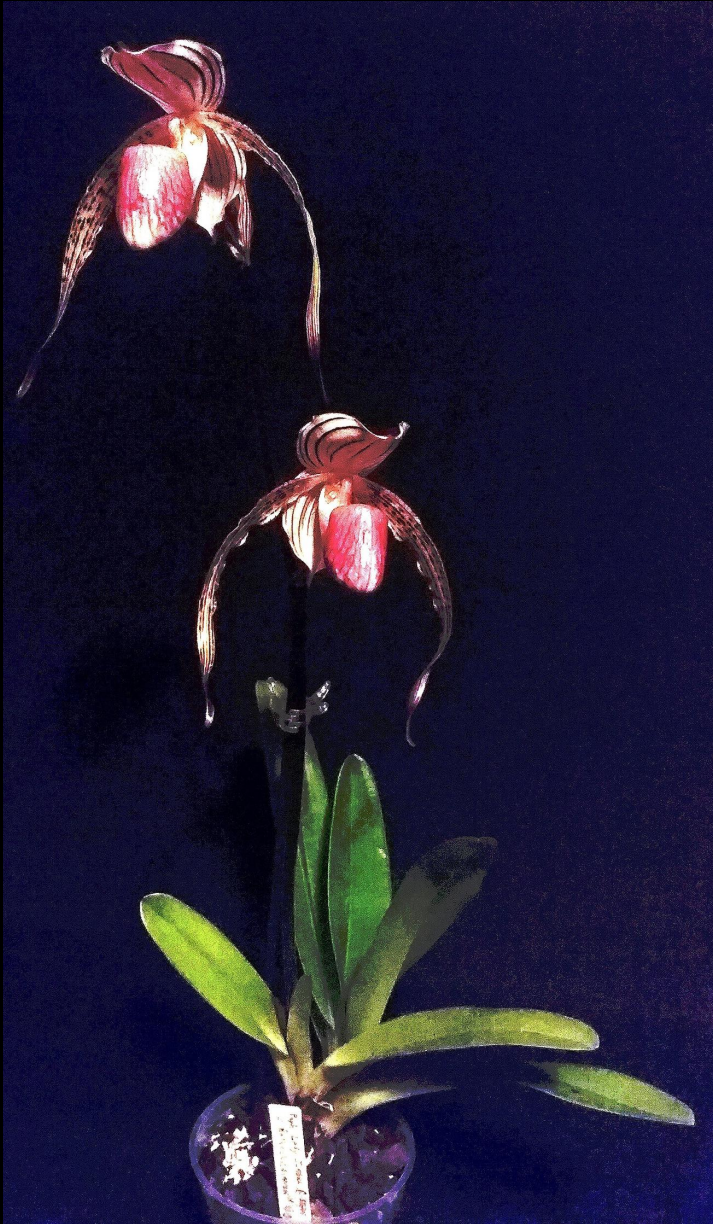
Blc. Hawaiian Leopard
Grown by Tracy Strombotne

CATTLEYA



Lc. Green Veil 'Dressy' x aclandiae
Grown by Wayne Roberts

PAPHIOPEDILUMS



Paph. Lady Isabel
Grown by Tom and Pat Stinson



Paph. lowii
Grown by Justin Pepperney

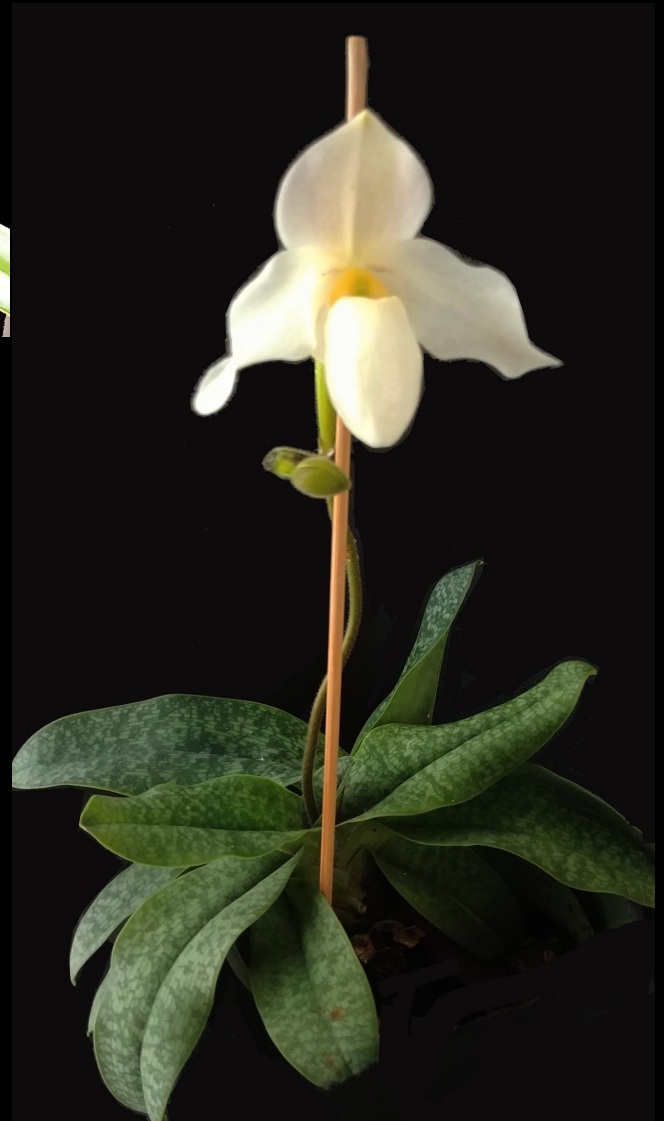
PAPHIOPEDILUMS



Paphiopedilum Deperie
Grown by Terry and Sandra Stohr



Paph. rothschildianum
Grown by Justin Pepperney



ONCIDIUM



Btcm. Little Dragon 'Carmela'
Grown by Ken Mettler



Obdrs. Kenneth Bivens
Grown by Nancy Shapiro

ONCIDIUM



Psychopsis Mariposa
Grown by Tom Hart



ONCIDIUM



Odcdm.Catatante 'Kilauea Karma'
Grown by Terry and Sandra Stohr

VANDACEOUS



Vanda NoID
Grown by Tom and Pat Stinson

VANDACEOUS



Vanda Pachara Delight
Grown by Tom and Pat Stinson



VANDACEOUS



Vanda Motes Adorbs
Grown by Jessica Badger



PHALAENOPSIS

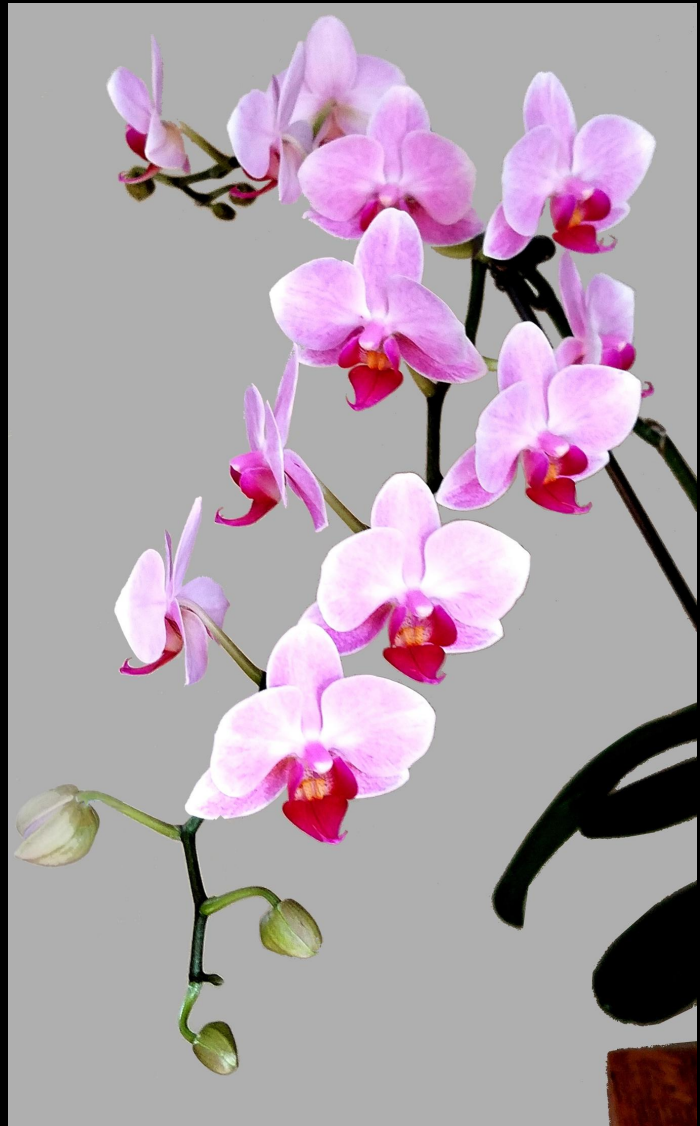


Phal. violacea var. indigo
Grown by Amy Thomas Stanley

PHALAENOPSIS



Phal. cornu-cervi
Grown by Wayne Roberts



Phal. NoID
Grown by Paul L'Herrou

PHALAENOPSIS

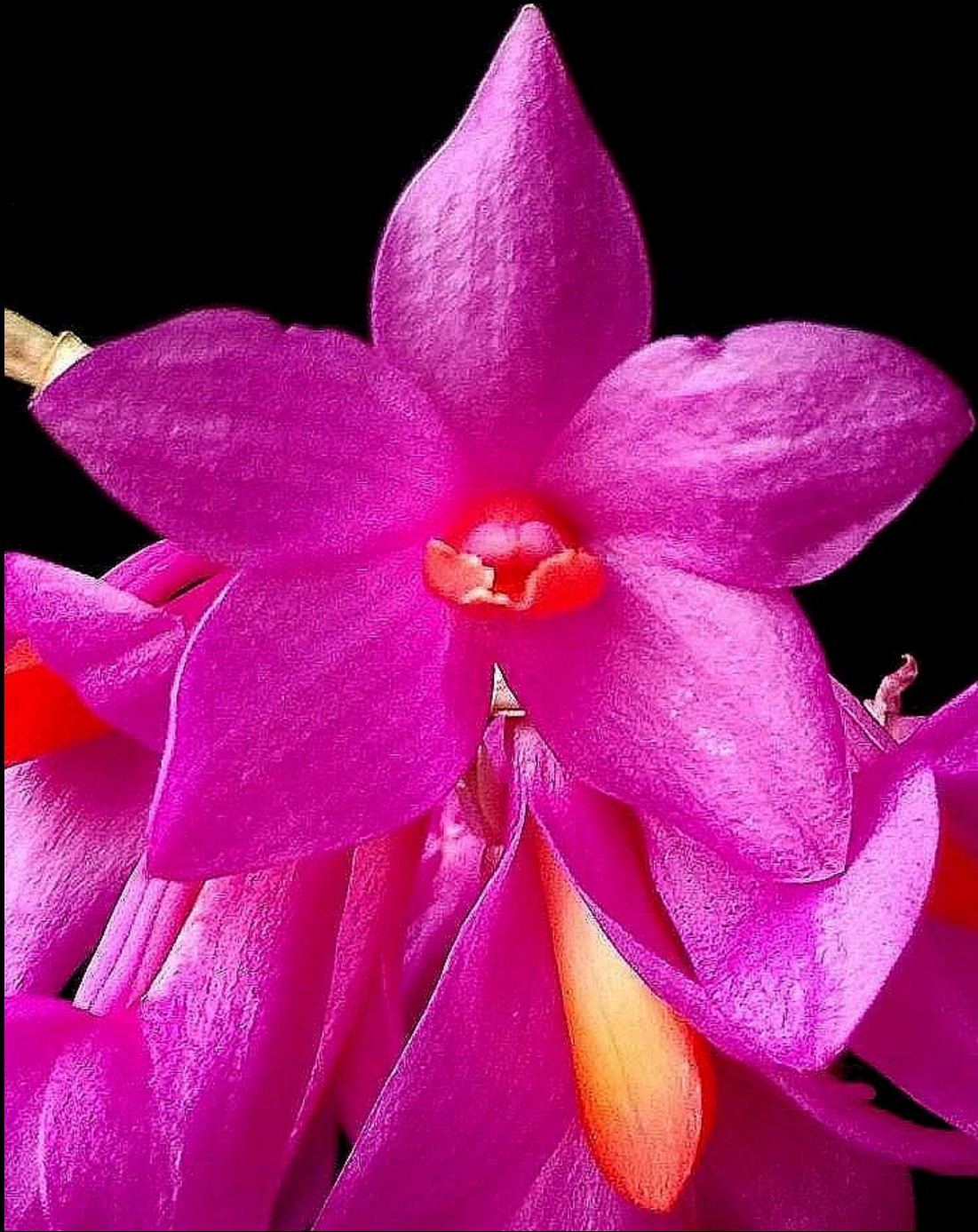


**Phal. Kin Car Kitty (Phal Sago Ticalx Phal Sago Chippy)
Grown by Robert Dudley**



**Phal. NoID
Grown by Cortney White**

DENDROBIUM



Den. glomeratum
Grown by Tennis Maynard



DENDROBIUM



Den. Gatton Sunray 'Excelsior' FCC/RHS
Grown by Tessie Steelman

DENDROBIUM



Den. parishii var. rubra

Grown by Ken Mettler



OTHER



Stanhopea nigroviolacea
Grown by Tennis Maynard



OTHER



Phrag. Mont Remon
Grown by Tennis Maynard



OTHER



Ctsm. Frilly Doris x tigrinum
Grown by Dennis Eiffel



OTHER



Lycaste Lemon Twist
Grown by Amy Thomas Stanley



OTHER



Encyclia radiata
Grown by Wayne Roberts

NOT FOR JUDGING



Dendrobium linguiforme
Grown by Scott Bever

Into the Wild

Three Little Birds

By Ken Mettler

...

"Rise up this mornin', smiled with the rising sun. Three little birds pitch by my doorstep. Singing sweet songs..."
-Bob Marley "Three Little Birds"

One of my goals for this year was to see the Three Birds Orchid, *Triphora trianthophora*, in the wild. This orchid is not only lovely to look at, but unusual in its growth habits, even for an orchid.

This species has a large natural range: from east Texas north to Wisconsin, east to Ontario and Maine, and south to Florida and the Gulf Coast states. You'd think that with such a broad range, it would be common and secure from a conservation standpoint. This isn't the case, as its populations are spotty and sparsely distributed throughout this range. In fact, twelve of the states consider it rare, from a species of special concern to endangered or possibly extirpated.

Part of the difficulty in finding this species is the fact that it lives almost all its life underground. It doesn't produce photosynthetic leaves as most other orchids do. All orchids are mycotrophic (feeding on fungus) for at least part of their life. A few have given up photosynthesis altogether. *Triphora* is somewhere in between. It has green flower stems with small, leaf-like bracts (the size of a mouse's ear) at the time it blooms. These have chlorophyll, and are able to produce a meager amount of carbohydrates, even though the plant grows in moderately to heavily shaded woodlands. To make things worse, the flowers only last one day (or less!), and all the plants in a population tend to bloom on the same day.

Get there on the wrong day and you may find only buds, or collapsed flowers, or (please, please, please!) open flowers. Even then, the flowers are only one inch or less, and the plants are seldom over six inches tall. They bloom from late July through August. The flowers seem to bloom three days after a significant drop in nighttime temperatures. This usually happens when thunderstorms roll through. It's thought that the plants respond to the increased moisture and/or decreased temperature.

Into the Wild

This happened during the last week of July (finally!), so on the 1st of August, I traveled to Slate Run Metro Park in Pickaway County. I was accompanied by Kathy Cubert, who does wildlife photography for several conservation groups in Ohio. Finding a small, rare flower in a park that encompasses over 1700 acres is a bit like finding the proverbial needle in the haystack, but I had been given good directions by a friend who is a major wildflower enthusiast.



Three Birds Orchid, *Triphora trianthophora*

Fortunately, we found just two plants in bloom, and a couple more in bud. Full disclosure: Kathy spotted them before I did. When I go wildlife watching, I'm like a kid in a candy store. And there were so many interesting plants and animals. As I mentioned before, *Triphora* grows in mature woods, usually (but not always) containing American Beech (*Fagus grandifolia*). A yellow billed cuckoo (*Coccyzus americanus*) was calling in the distance. Showy Orchis (*Galearis spectabilis*) were present, though not in bloom at this time of year. There were also Doll's Eyes (*Actea pachypoda*) with berries (deadly toxic, do not eat!), Indian Pipes (*Monotropa uniflora*) in bloom, and American Ginseng (*Panax quinquefolius*) in the area.

Into the Wild

The “Birds” were just starting to bloom. Fortunately, I was able to go back several days later, after another thunderstorm, and saw dozens. The stem can branch, and it’s common to see two or three blooms on a stem at once, thus the name. They can have six or more. The sepals flare outward, making them look like birds in flight. The petals and sepals are white, lightly blushed with purple, especially on the tips. The center of the lip is covered with yellow and green calluses, which help guide pollinators into the throat of the flower to find nectar and accomplish pollination.

So, the next time you take a mid-summer hike in the woods, keep your eyes open for “three little birds” on the forest floor.



American Ginseng (*Panax quinquefolius*)



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For more of Kathy Cubert's nature photography, please see her [website](#) and [Instagram](#).

2020 COOS CALENDAR

JANUARY 16

AOS WEBINAR "GROWING UNDER LIGHTS"

FEBRUARY 20

KEN METTLER - "THE ART + DESIGN OF ORCHID SHOW DISPLAYS"

MARCH 19 CANCELED

KEN METTLER AND JUSTIN PEPPERNEY - "DEFLASKING ORCHIDS"

APRIL 3-5 CANCELED

COOS ANNUAL ORCHID SHOW AND PLANT SALE - FRANKLIN PARK CONSERVATORY

APRIL 16

AOS VIRTUAL MEETING VIA ZOOM - HABENARIAS

MAY 21

ERIC SAUER - PHRAGMIPEDIUMS

JUNE 18

ANNUAL PICNIC AND POT LUCK- CANCELED
KEN METTLER - "DEFLASKING ORCHIDS"

JULY 16

MARTIN MOTES OF MOTES ORCHIDS - "DARWIN AND ORCHIDS" - VIRTUAL MEETING

AUGUST

KIM FEDDERSON OF FAIR ORCHIDS - VANDAS

SEPTEMBER 17

DR. JOHN FREUDENSTEIN - THE OHIO STATE UNIVERSITY
"MANIPULATION AS A WAY OF LIFE - ORCHID DIVERSITY AND EVOLUTION"

OCTOBER 15

KRISTIN UTHUS - NEW WORLD ORCHIDS - "CATTLEYAS: THE MINIATURE COLLECTION"

NOVEMBER 19

EDGAR STEHLI - WINDSWEPT IN TIME ORCHIDS - "ANGRAECOIDS"

DECEMBER

NO MEETING

COOS BOARD MEMBERS: 2020 - 2021

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TRUSTEE

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Visit the new Central Ohio Orchid Society website at:

<https://www.centralohioorchidsociety.org/>