

# CENTRAL OHIO ORCHID SOCIETY

*Reporter*

*June 2021*



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*Learn. share. grow.*

CentralOhioOrchidSociety.org



# PRESIDENT'S MESSAGE | JUNE 2021

Happy June!

We have been notified that we will be able to return to IN-PERSON MEETINGS beginning in July. Please plan on attending our first in-person meeting on July 15 at Franklin Park Conservatory at 7 pm (Beginner's Corner), followed by our meeting scheduled to begin at 7:30 pm. We will continue to utilize Zoom to bring our speakers from far away (Hawaii and elsewhere) and for those who do not yet feel comfortable meeting in person.

Please remember that ALL non vaccinated members will need to be wearing masks at our in-person meetings or you can always join us via Zoom to assure that we all remain safe.

Beginning in July, we will also resume our normal Show Table for orchid judging. That means that June is the last month for virtual judging, so please make sure you get your pictures in (4 per person) by June 30th. Looking forward to seeing you in person in July!!

Now for announcements and important information:

- This past month we ordered from Hausermann Orchids (thanks Tracy for coordinating this sale). By the time you get this message, our plants should have arrived. We are now ordered from **Natt's Orchids** with Megan Osika coordinating this sale. Please send your orders to Megan ([akiso914@gmail.com](mailto:akiso914@gmail.com)) by June 27<sup>th</sup>. Orders will be placed on June 28<sup>th</sup>. Those who have ordered plants have received healthy orchids, some discounted pricing and shipping savings.
- We will be having a **member plant sale on Saturday, June 26<sup>th</sup> at Wolfe Park**. Set up, in front of the Tennis Courts, will take place at 8:30 with the sale running from 9-11 am. Looking forward to seeing you all there, where great plants and deals will be had.
- Troy Timbrook and Dave Markley are enrolling us in both Kroger and Amazon award programs. We are already signed up with Amazon and are waiting for Kroger to send us the appropriate sign-up link. Look for an email with those links in the coming weeks and help us raise a little bit of cash for the Society.
- The Board decided at our last meeting that we will be having two events in September. The first will be our regular meeting and the second will be the Society annual potluck picnic which will take place, once again at Justin and Wendy's home (thanks guys!!). The date will be announced in the next month or two ... stay tuned. At the picnic we can also include some version of an additional show table (of new blooms or something unique), so stay tuned for that information as well.

- The Miami Valley and Greater Cincinnati Orchid Societies will be holding the first annual Orchid Fest in Dayton August 27-29<sup>th</sup>. The event will take place with the MAOC meeting with speakers, orchid judging, a lot of vendors and food trucks. More details are available at [Dayton Mid America Orchid Fest](#).
- Society Elections will be happening soon. The Nominations Committee will be meeting to select candidates for the 2022-2023 calendar years. If you are interested in getting more involved with the Society, please let me know. My experiences as the Program Chair and as your President have been wonderful (even during the weird year that was 2020) and it has been great to get to know members of the Society and build great friendships. Please consider the opportunities available.
- If you haven't paid your 2021 dues...please see our website [Central Ohio Orchid Society](#) and click on the Join Us button.

Looking forward to seeing everyone, on Zoom, at our June 17<sup>th</sup> meeting; beginning at 7 pm.

*Nancy Shapiro*  
*President*  
*Central Ohio Orchid Society*  
*June 2021*

## CENTRAL OHIO ORCHID SOCIETY JUNE 17<sup>th</sup> 2021 VIRTUAL MEETING

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

7:30pm → Guest Speaker: **KOON-HUI WANG** of the University of Hawaii

### CENTRAL OHIO ORCHID SOCIETY

**KOON-HUI WANG**  
of the University of Hawaii

**Pest Management for  
Orchid Hobbyists**

**June 17, 2021  
Virtual Meeting  
7:00pm**



**Dr. Koon-Hui Wang** is an Associate Professor in the department of Plant and Environmental Protection Science at the University of Hawaii at Manoa. She has a PhD in Plant Pathology and an MS in Horticulture from the University of Hawaii at Manoa, and a BS in Horticulture from National Taiwan University. She specializes in Sustainable Pest Management, Soil and Agroecosystem Health Management, and Nematode Ecology. She is highly recommended by orchid societies in Hawaii for her knowledge of Sustainable Pest Management. Visit: Professional Bio at **Sustainable Pest Management Laboratory**.

#### JOIN ZOOM MEETING:

<https://us02web.zoom.us/j/85947627632?pwd=SGoyVjhyZU1WQlhMTkduTjE0SE1rUT09>

Meeting ID: 859 4762 7632

Passcode: 982495

One tap mobile: +13126266799,,85947627632#,,,,\*982495# US (Chicago)  
+19292056099,,85947627632#,,,,\*982495# US (New York)

Dial by your location:

+1 312 626 6799 US (Chicago)	+1 929 205 6099 US (New York)
+1 301 715 8592 US (Washington DC)	+1 346 248 7799 US (Houston)
+1 669 900 6833 US (San Jose)	+1 253 215 8782 US (Tacoma)

<https://us02web.zoom.us/j/85947627632?pwd=SGoyVjhyZU1WQlhMTkduTjE0SE1rUT09>

# MAY PLANT OF THE MONTH

PAPH. LEUCOCHILUM  
Grown by David Evans



**TIPS FOR GROWING:** Paph leuochilum is a warm-growing plant, that appreciates a well-draining medium, and bright indirect light. This species also appreciates a slightly dry period in the winter to help initiate flowering in the spring.



# MAY 2021 VIRTUAL SHOW TABLE

## CATTLEYA

## GROWN BY:

1 <sup>st</sup>	Laelia purpurata	Edna & David Markley
2 <sup>nd</sup>	Cattleya aurantiaca	David Evans
3 <sup>rd</sup>	Rlc. Sun Spots x B. nodosa	Janet Smith

## PAPHIOPEDILUM

1 <sup>st</sup>	Paph. leuchochilum	David Evans
2 <sup>nd</sup>	Paph. rothschildianum x Shin Yi Edward	Wayne Roberts
3 <sup>rd</sup>	Paph. venustum x Dugesclin	Laura Steinmaus

## VANDACEOUS

1 <sup>st</sup>	Phal. parishii	Nancy Shapiro
2 <sup>nd</sup>	Vanda Sansai Blue	David Evans
3 <sup>rd</sup>	Phal. NoID	Robert Dudley
3 <sup>rd</sup>	Vanda Lucknow	Jessica Badger

## DENDROBIUM

1 <sup>st</sup>	Den. officinale	Nancy Shapiro
2 <sup>nd</sup>	Den. aggregatum	Pat & Tom Stinson
3 <sup>rd</sup>	Den. Buttercup	Angeline Rini

## ONCIDIUM

1 <sup>st</sup>	Mtssa . Kauai's Choice 'Tropical Fragrance'	Dennis Eifel
2 <sup>nd</sup>	Tolumnia NoID	Pat & Tom Stinson
3 <sup>rd</sup>	Oncidium sphacelatum	Sandra & Terry Stohr

## CYPRIPEDIUM

1 <sup>st</sup>	<i>Cyp. parviflorum</i>	Tennis Maynard
2 <sup>nd</sup>	<i>Cyp. macranthos</i> var. <i>album</i>	Tennis Maynard
3 <sup>rd</sup>	<i>Cyp. tibeticum</i>	Wayne Roberts
3 <sup>rd</sup>	<i>Cyp. macranthos</i>	Tennis Maynard

## OTHER

1 <sup>st</sup>	<i>Mediocalcar decoratum</i>	David Evans
1 <sup>st</sup>	<i>Masdevallia coccinea</i> 'Gigi'	Pat & Tom Stinson
2 <sup>nd</sup>	<i>Phrag. Schroederiae</i>	Edna & Dave Markley
2 <sup>nd</sup>	<i>Cym.</i> NoID	Laura Steinmaus
3 <sup>rd</sup>	<i>Maxillaria tenuifolia</i>	Wayne Roberts
3 <sup>rd</sup>	<i>Maxillaria tenuifolia</i>	Angeline Rini

## PLANT OF THE MONTH

<i>Paph leucochilum</i>	David Evans
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# CATTLEYA



**Laelia purpurata**  
Grown by Edna & David Markley



**Cattleya aurantiaca**  
Grown by David Evans



**Rlc. Sun Spots x B. Nodosa**  
Grown by Janet Smith



**Lc. Casitas Spring 'Linda' AM/AOS**  
Grown by Justin Pepperney



**Iwanagara Apple Blossom 'Golden Elf'**  
Grown by Robert Dudley



# PAPHIOPEDILUM



**Paph. leucochilum**  
Grown by David Evans  
Plant of the Month



**Paph. rothschildianum x Shin Yi Edward**  
Grown by Wayne Roberts



**Paph. venustum x Dugesclin**  
Grown by Laura Steinmaus





**Paph. NoID**

Grown by Edna and David Markley



**Paph. Hilo Black Eagle**  
Grown by Wayne Roberts

# VANDACEOUS



**Phal. parishii**  
Grown by Nancy Shapiro



**Vanda Sansai Blue**  
Grown by David Evans





**Phal. NoID**  
Grown by Robert Dudley



**Vanda Lucknow**  
Grown by Jessica Badger

# DENDROBIUM



**Den. officinale**  
Grown by Nancy Shapiro





**Den. aggregatum**  
Grown by Pat and Tom Stinson



**Den. Buttercup**  
Grown by Angeline Rini

# ONCIDIUM



**Mtssa. Kauai's Choice 'Tropical Fragrance'**  
Grown by Dennis Eifel



**Tolumnia Noid**  
Grown by Pat & Tom Stinson





**Oncidium sphacelatum**  
Grown by Sandra & Terry Stohr



**Beallara Tahoma Glacier**  
Grown by Angela Rini



**Milt. NoID**

Grown by Nancy Shapiro





**Rodrurnia Orchidom Valentine 'Pedregal' AM/AOS x Tolu. Guttata  
'Orchidom'**  
Grown by Nancy Shapiro

# CYPRIPEDIUM



**Cyp. parviflorum**  
Grown by Tennis Maynard



**Cyp. macranthos var. album**  
Grown by Tennis Maynard



**Cyp. tibeticum**  
Grown by Wayne Roberts



**Cyp. macranthos**  
Grown by Tennis Maynard





**Cyp. kentuckiense**  
Grown by Tennis Maynard



**Cyp. parviflorum**  
Grown by Pat & Tom Stinson



# OTHER



**Masdevallia coccinea 'Gigi'**  
**Grown by Pat & Tom Stinson**



***Medicalcar decoratum***  
Grown by David Evans



**Phrag. Schroederae**  
Grown by Edna & Dave Markley



**Cym. Nold**  
Grown by Laura Steinmaus





**Maxillaria tenuifolia**  
Grown by Wayne Roberts



**Maxillaria tenuifolia**  
Grown by Angeline Rini



**Masdevallia haneczka**  
Grown by Tom Hart





**Bulbo. frostii**  
Grown by Janet Evans



# NOT FOR JUDGING



***Cyp. parviflorum* var. *makasin***

**Grown by Native Orchid Preservation and Education Society**

In care of Ken Mettler

# Into the Wild

## Discovering the Fen Orchid, *Liparis loeselii*, in Vinton County

By Ken Mettler

All photo credits: Ken Mettler

Finding orchids in the wild is fun. Many people don't even know that there are orchids native to Ohio. For those who do, their usual experience is being led into the habitat by someone else who has found the orchids. I've been in both categories. But now, after nearly forty years of observing orchids in the wild, I am thrilled that I've become adept at finding individuals and populations on my own.

Spotting orchids isn't some magical talent, and I didn't become skilled at this overnight. It comes from spending time out in natural habitats, finding interesting orchids and other species (plant and animal), and keenly observing where they are living. When I find a member of a plant species in the wild, I ask myself, "why is it growing here, and not over there?" Sometimes, the answer is simply, that's where the seed fell. Usually, it's far more complex than that. It's a combination of where the seed fell, and subsequent factors: Was the seed able to germinate (which requires specialized fungi for orchids and many other plants)? Were the moisture, light, and temperature correct? Did the seed or plant get predated by herbivores? How long is the natural life span of individuals of that species? I'm sure this list of questions could go on and on.

Having grown up in suburbia, I consider myself lucky to now live in an area with many natural habitats and a great diversity of wild species. If I try, I can find native orchids every day of the year, unless the ground is deeply covered with ice and snow. But I really knew I'd "arrived" when I started recognizing habitats. I frequently see an area of habitat and get that "gut feeling" that I should look there. Sometimes I don't find the species I'm looking for, but more often than by pure chance, I find it. And there are the times when I find a plant growing seemingly out of place. I joke that "the plants don't read the books", but this can lead to a greater understanding of the natural world. One example was finding a wetland species growing high on a ridgetop.

Several observations of this have led me to speculate, and then confirm, that just below the surface there was a "perched water table" on top of a solid rock formation. This allows moisture loving species to grow in atypical habitats.

I keep trying to find new populations of species, and document the rare, or otherwise interesting ones. When I do, I report my findings to the botanists at the Ohio Department of Natural Resources.

There are two species of the genus *Liparis* native to Ohio. The Large Twayblade, *Liparis liliifolia*, is the more common of the two. It grows in mesic forests throughout eastern and southern Ohio. The other species, the Fen Orchid, *Liparis loeselii*, has a scattered distribution from northeast through southern Ohio. It is noticeably absent from the far western counties and most of southeast Ohio. This makes sense when you consider that it likes to grow in moist to mesic woodlands and wetlands, usually with a bit of lime in the soil.



Large Twayblade (*Liparis liliifolia*),  
Hocking County.

Since Hocking County has no naturally occurring limestone, for years there was only one known population of this species. I've since found two more in Hocking County, both growing near roadways and driveways where crushed limestone was used.

From all the botanical records I've been able to find, *L. loeselii* has never been found in Vinton County. Until now.



Fen Orchid (*Liparis loeselii*),  
Hocking County.





On June 21, 2020, I was hiking in the fantastic Bison Hollow nature preserve, which straddles the Hocking/Vinton County line. I found four species of orchids this day. (I'm averaging almost one new species of orchid each time I go to Bison Hollow.) In an opening in the woods, I found a population of Tall Green Milkweed (*Asclepias hirtella*), one of my favorite milkweeds. I've nicknamed this site the milkweed prairie. I found Large Twayblades in the woods nearby. These were juvenile plants, not yet blooming. A little farther into the woods I found a *Liparis* plant with a stem of seed pods. This one caught my eye for several reasons.

Tall Green Milkweed (*Asclepias hirtella*) flowers, Bison Hollow, Vinton County.



Fen Orchid (*Liparis loeselii*) in bloom in Vinton.



While both species bloom in late May and early June, and should set seed pods by this time, their pollination mechanisms are totally different. *L. liliifolia* is insect pollinated, probably by mosquitoes. (See, they are good for something!) *L. loeselii* is a self-pollinating species. The flowers point upward at about a 45-degree angle, and the lip is funnel shaped. It is thought that they may be rain assisted pollinators. A raindrop that lands on the lip splashes up against the column, jostling the antheridia into contact with the stigmatic surface. For this reason, *L. loeselii* can set a large number of seed pods, while I rarely find more than four pods on a stem of *L. liliifolia*.



Fen Orchid (*Liparis loeselii*) with seed pods, Bison Hollow, Vinton County.

The plant I found had seven pods on the five-inch stem. It was slightly smaller than most blooming plants of *L. liliifolia*, and the leaves were proportionately narrower, and just a shade lighter green than *L. liliifolia*. Good clues, but these characteristics can all overlap between the two species. I would have to see it in bloom for a positive identification.

So, on June 6, 2021, I headed back to Bison Hollow. Finding a five-inch plant in 250 acres of greenery can be a little bit daunting, but I knew where it was in relation to the milkweed prairie, and last year I had strategically placed some flagging tape on a nearby tree. (Smart move!)

Nearby were Rattlesnake Plantains (*Goodyera pubescens*), Ragged Fringed Orchids (*Platanthera lacera*), and the large Twayblades (*L. liliifolia*) that I had found last year. And then I found my plant. It had grown two inflorescences, but the larger one had been damaged, and did not bloom. I found a few mealy bugs on the plant, which may have caused the bloom failure. Fortunately, there was the smaller inflorescence with one open flower and two buds. Not a very good blooming, but enough to positively identify the species. *L. loeselii* has light green upturned flowers, while *L. liliifolia* has liver-colored flowers that emerge horizontally from the stem. A photograph and GPS location were later sent to ODNR to document this find.

After finding and identifying this plant, I continued hiking for several more hours.

Creeping Mint (*Meehania cordata*) were in full bloom in the bottom lands near the streams. This is an Appalachian endemic, ranging in only seven states, from western Pennsylvania to northeast Tennessee.

It is only found in eleven counties in Ohio, all near the southeast edge of the state.

The light purple, inch-long tubular flowers were at their peak, and blooming by the hundreds, if not thousands. I found a nice colony of Large Yellow Wood Sorrel (*Oxalis grandis*). Looking like a giant version of the Common Yellow Oxalis (*Oxalis stricta*), this is another Appalachian species. It grows knee-high, with large yellow flowers.



*Meehania cordata*,  
Bison Hollow,  
Vinton  
County.



*Oxalis grandis*  
in Bison  
Hollow,  
Vinton  
County.

And I would be remiss if I didn't mention that the Swainson's Thrushes (*Catharus ustulatus*) provided a beautiful musical [soundtrack](#) for most of the hike.



**SPOTTED BY LAURA STEINMAUS ON A HIKE IN THE HOCKING HILLS . . .**



**Cypripedium acaule and Showy  
Orchis, Galearis spectabilis**



# COOS BOARD MEMBERS 2020 – 2021

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## COOS CALENDAR 2021

**January 21**  
CLAUDE HAMILTON  
Hamlyn Orchids  
*Broughtonias*

**February 18**  
ROGER FRAMPTON  
Roger's Orchids  
YouTube channel - UK

**March 18**  
FRANCISCO MIRANDA  
*Rupicolous Orchids of Brazil*

April 15  
WAYNE TURVILLE  
*Australian Native Orchids*

**May 20**  
CHALLEN WILLEMSEN  
Guatemalan ecologist  
Santuarion Natural El Tular  
Reserve  
*Native Orchids of  
Guatemala*

**June 17**  
KOOON-HUI WANG  
University of Hawaii  
*Pest Management for  
Orchid Hobbyists*

**July 15**  
DAVID HAELTERMAN  
Resident botanical +  
naturalist guide, Ecuador  
and Colombia  
*Stanhopea Orchids*

**August 19**  
LARRY KUEKES  
Hilo Orchid Society  
*What's in a Name*

**September 16**  
JIM ROBERTS  
Florida Suncoast  
Orchids  
*Encyclia Orchids*

**October 21**  
RUSS VERNON  
New Vision Orchids  
*Lycaste Orchids*

**November 18**  
— TBD



## AMERICAN ORCHID SOCIETY CORNER



### Greenhouse Chat July 2021

Ron McHatton, Tuesday, July 6, 2021

**Availability** : Public

**REGISTER NOW**

Grow your knowledge and join AOS Education and Science Officer, Ron McHatton, for a fun filled hour of orchid questions and answers. Send questions to [greenhousechat@aos.org](mailto:greenhousechat@aos.org) by July 5.



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