

CENTRAL
OHIO
ORCHID
SOCIETY

Reporter
April 2021



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Learn. share. grow.

CentralOhioOrchidSociety.org



PRESIDENT'S MESSAGE | April 2021

I believe it is Paphiopedilum and Phragmipedium season. Over one half of the submissions for virtual judging in March were Paphs and Phrags. As these are some of my favorite plants, it was a pleasure to prepare the slides for our judges. Please take a few minutes to look at some of the amazing entries that can be found within this newsletter.

Some other Societies in Ohio are either beginning to or thinking about meeting once again, in person. I am once again, checking with Franklin Park to see if they have any updates. With the new health orders limiting indoor gatherings to 25% of capacity, we will need to see if our traditional meeting rooms could accommodate our traditional attendance of 35-40 individuals. I will have an update during our April 15th meeting.

I hope you are all enjoying this beautiful weather and beginning to see signs of Spring in your orchids.

See you at our April meeting!!

Nancy Shapiro
President
Central Ohio Orchid Society
12 April 2021

CENTRAL OHIO ORCHID SOCIETY APRIL 15th 2021 VIRTUAL MEETING

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

7:30pm → Guest Speaker: Wayne Turville on Native Australian Orchids



Wayne Turville is the proprietor of Australian Orchid Nursery, which is in Victoria, Australia. Australian Orchid Nursery is a family business which specializes in cool growing orchids and other collectible plants, including Australian native species and hybrids, Cymbidiums, Laelia, Maxillaria, Zygopetalum, cold growing Cattleya, and many others. In the lab at the Nursery, orchids are grown from seeds in the flask, to seedling and then full-grown plants.

The **Australian Orchid Nursery** (www.australianorchids.com.au) has a blog with extensive information on how to care for Australian orchids of all types, a great reference for any questions you may have on how to grow Australian Orchids. Additionally, Wayne is the author of *A Practical Guide to Australian Orchids*, as well as being the originator of the *Dendrobium Wayne Turville*, a cross of *Den. falcorostrum* x *Den. Flinders*.

JOIN ZOOM MEETING

<https://us02web.zoom.us/j/82183095829?pwd=bHlCRzBnRGNLakc5UE1sL0VONkdjQT09>

Meeting ID: 821 8309 5829

Passcode: 297697

One tap mobile:

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MARCH PLANT OF THE MONTH

Bulbophyllum facetum
Grown by Tennis Maynard



Tips for Growing:

Tennis grows this species in high light and warm temperatures. He uses a mix with small coconut husk chips, kept constantly moist.

MARCH 2021 VIRTUAL SHOW TABLE

CATTLEYA

GROWN BY:

1 st	<i>Laelia fidelensis</i>	Ken Mettler
2 nd	<i>Guarianthe skinneri</i> var. <i>albescens</i>	Ken Mettler

PAPHIOPEDILUM SPECIES

1 st	<i>Paph. rothschilianum</i>	Justin Pepperney
2 nd	<i>Paph. haynaldianum</i>	Justin Pepperney
3 rd	<i>Paph. hirsutissimum</i>	Tennis Maynard

PAPHIOPEDILUM HYBRIDS

1 st	<i>Paph. Hawaiian Illusion</i>	Pat & Tom Stinson
2 nd	<i>Paph. Mele Moon</i>	Edna & Dave Markley
3 rd	<i>Paph. (Sheldrake x Beverly Rhoads) x (Amanda x Invasion)</i>	Tom Hart

PHRAGMIPEDIUM

1 st	<i>Phrag. Besseae</i>	Tennis Maynard
2 nd	<i>Phrag. Lutz Rolke</i>	Tennis Maynard
3 rd	<i>Phrag. Cardinale</i>	Nancy Shapiro

ONCIDIUM

GROWN BY:

1 st	<i>Odc. Mayfair</i>	Pat & Tom Stinson
2 nd	<i>Bst. Tarantula 'Sweet Orange'</i>	Angeline Rini
3 rd	<i>Gomesa Honey Bees</i>	Nancy Shapiro

VANDACEOUS

1 st	Holcostylis M. S. Sunlight	Nancy Shapiro
2 nd	Aerides fatuosa	Nancy Shapiro
3 rd	Phal. NoID	Sandra & Terry Stohr

CYMBIDIUM

1 st	Cym. goeringii 'Da Fu Gui'	Ken Mettler
2 nd	Cym. Dame Catherine 'Spring Day' HCC/AOS	Ken Mettler

DENDROBIUM

1 st	Den. NoID	Sandra & Terry Stohr
2 nd	Den. NoID	Sandra & Terry Stohr

OTHER

1 st	Bulbophyllum facetum Plant of the Month	Tennis Maynard
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CATTLEYA



Laelia fidelensis
Grown by Ken Mettler



Guarianthe skinneri var. albescens
Grown by Ken Mettler

PAPHIOPEDILUM (Species)



Paph. rothschilianum 'Chester Hill' x 'Red Baron'
Grown by Justin Pepperney



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



Paph. hirsutissimum
Grown by Tennis Maynard



Paph. barbatum var. Nigratum 'Pygmy'
Grown by Tom Hart



Paph. rothschildianum 'Borneo'
Grown by Justin Pepperney



Paph. micranthum
Grown by Justin Pepperney

PAPHIOPEDILUM (Hybrid)



Paph. Hawaiian Illusion
Grown by Pat & Tom Stinson



Paph. Mele Moon
Grown by Edna & Dave Markley



Paph. (Sheldrake x Beverly Rhoads) x (Amanda x Invasion)
Grown by Tom Hart



Paph. Avalon Love Stone
Grown by Pat & Tom Stinson



**Paph. (Diana Bird x Luther Pass) 'Pisgah' x Paph. Winston Churchill
'Pisgah'**

Grown by Edna & Dave Markley

PHRAGMIPEDIUM



Phrag. besseae
Grown by Tennis Maynard



Phrag. Lutz Rolke
Grown by Tennis Maynard



Phrag. Cardinale
Grown by Nancy Shapiro



Phrag. Wossner Supergrande
Grown by Edna & Dave Markley



Phrag. Schroderae
Grown by Edna & Dave Markley

ONCIDIUM



Odem. Mayfair
Grown by Pat & Tom Stinson



Bst. Tarantula 'Sweet Orange'
Grown by Angeline Rini



Gomesa Honey Bees
Grown by Nancy Shapiro

VANDACEOUS



Holcostylis M. S. Sunlight
Grown by Nancy Shapiro



Aerides fatuosa
Grown by Nancy Shapiro



Phal. NoID
Grown by Sandra & Terry Stohr

CYMBIDIUM



Cym. goeringii 'Da Fu Gui'
Grown by Ken Mettler



Cym. Dame Catherine 'Spring Day' HCC/AOS
Grown by Ken Mettler

DENDROBIUM



Den. NoID
Grown by Sandra & Terry Stohr



Den. NoID
Grown by Sandra & Terry Stohr

OTHER



Bulbophyllum facetum
Grown by Tennis Maynard

NOT FOR JUDGING



Guarianthe skinneri 'Heiti Jacobs' FCC/AOS
Grown by Ken Mettler



Leptotes bicolor
Grown by Ken Mettler



Vanda tricolor
Grown by Ken Mettler



Angem. germinyanum
Grown by Nancy Shapiro



Cym. Mary Green 'Spring Wind'
Ken Mettler



Max. tenuifolia
Grown by Nancy Shapiro

Into the Wild

By Ken Mettler

The Large Yellow Lady's Slipper

Cypripedium parviflorum var. *pubescens*

Cyp. parviflorum var. *pubescens* growing in Shawnee State Forest, Scioto County.
Photo credit: Kenn Mettler



Early May is one of my favorite times of the year to look for native orchids and other wildflowers. Of those, the Large Yellow Lady's Slipper never fails to delight wildflower enthusiasts and other nature lovers.

This is a member of the Lady's Slipper group of orchids. Let's break that down. The Orchid family (*Ochidaceae*) contains the sub-family of Slipper Orchids (*Cypripedioideae*), which includes the familiar genera *Paphiopedilum* and *Phragmipedium*, as well as the lesser-known genera *Mexipedium* and *Selenipedium*, but also the temperate growing genus *Cypripedium*.

The genus *Cypripedium* is found in northern temperate regions of North America, Europe, and Asia. Of that genus, the yellow species were originally named *Cyp. calceolus*. This name is now only used for a single European species. The North American yellow flowered plants were separated into at first one, then two species: *Cyp. parviflorum* and *Cyp. kentuckiense*. *Cypripedium parviflorum* is now separated into three or possibly four varieties. Of these, the most common one is the Large Yellow Lady's Slipper, *Cyp. parviflorum* var. *pubescens*. The other variety present in Ohio is *Cyp. parviflorum* var. *makasin* and was formerly (mis)identified as *Cyp. parviflorum* var. *parviflorum*. Only a few plants of var *makasin* remain in the wild in Ohio. Interestingly, seven plants were seen in 2019, in one location. So, if you encounter a yellow lady's slipper in the wild, it's a safe bet

that it's var *pubescens*. To further complicate things, some researchers think that all the varieties should be elevated to species level, in which case, var *pubescens* should be called *Cyp. flavescens*.

Cyp. parviflorum var *pubescens* growing in Shawnee State Forest, Scioto County.
Photo credit: Kenn Mettler



Why this trip around the taxonomic mulberry bush? Well, if you read a field guide, nature blog, or other trusted source, you may encounter any of these names, and possibly a few others. Consider this fair warning. Sometimes it's difficult to figure out which plant the author is talking about. This also makes conservation of the plants difficult, since considering all the *Cyp. parviflorum* varieties as one species would cause de-listing, and lesser protection, for many populations.

No matter what you call it, the Large Yellow Lady's Slipper is a delight to behold. Typically growing to about 18 inches (45 cm) tall, it inhabits rich woodlands scattered in about half of Ohio's counties. Nowhere abundant, it may appear as a single plant or

a small population. I've never seen more than three dozen plants in one location. It's broad range in Ohio is a good indicator of pH tolerance, but it usually prefers slightly acidic soils, pH 5.5-6.5. This species starts to bloom in early May in southern Ohio, and the flowers last for a couple weeks. Northern populations are probably one to two weeks later. The flowers are faintly fragrant.

Like all Lady's Slippers, the pouch of the flower is an insect trap. Insects, mostly small native bees, are attracted to the color and fragrance of the flower. As the bee explores the flower, it sometimes enters the pouch, which is covered with a waxy, slippery surface. The only way for the bee to escape is through the back of the pouch, where it contacts the stigmatic surface first, then one of the anthers. Since the bee always picks up pollen as it leaves the flower, this results in cross-pollination, rather than self-pollination. This usually takes some time, as the bee doesn't know how to get out, and must try and fail many times

before it succeeds in escaping. I've seen several bees trapped in a pouch for fifteen or twenty minutes, and they seem very upset at being confined!



Cyp. parviflorum var *pubescens* growing in Shawnee State Forest, Scioto County.
Photo Credit: Ken Mettler.



Cyp. parviflorum var *pubescens* growing in Clear Creek Metro Park, Hocking County.
Photo credit: Ken Mettler.

As with all native terrestrial orchids, attempts at transplanting wild plants frequently fail. If plants are left undisturbed, they can develop into clumps that produce a dozen or more flowers. If you see this species, enjoy it while you can, and leave it undisturbed for others to enjoy. As they say, "take only pictures. Leave only footprints." And be careful where you leave them!

AMERICAN ORCHID SOCIETY EVENTS



Greenhouse Chat

April 2021

Ron McHatton

Wednesday, April 14

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 by April 12.

<https://www.aos.org/all-about-orchids/webinars/chat/greenhouse-chat-april-2021.aspx>



Greenhouse Chat

May 2021

Ron McHatton

Tuesday, May 4

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 by May 2.

<https://www.aos.org/all-about-orchids/webinars/chat/greenhouse-chat-may-2021.aspx>

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January 21 – 2021

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Rupicolous Orchids of Brazil

April 15 – 2021

WAYNE TURVILLE

Australian Native Orchids

May 20 - 2021

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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