

CENTRAL OHIO ORCHID SOCIETY

Reporter

SEPTEMBER 2020



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PRESIDENT'S MESSAGE

As temperatures outside decrease along with the amount of daylight, we have formulated plans for the remainder of 2020. Our September speaker is **Dr. John Freudenstein**. Dr. Freudenstein will speak on "**Manipulation as a way of life - orchid diversity and evolution.**"

Dr. Freudenstein is Professor and Chair of the Department of Evolution, Ecology and Organismal Biology at The Ohio State. He grew up in Michigan and had the good fortune to have as his high school biology teacher Fred Case, author of *Orchids of the Western Great Lakes Region* and an authority on native orchids. He obtained his B.S. in Botany at the University of Michigan and his Ph.D. at Cornell, where he worked on the leafless orchid genus *Corallorhiza* and its relatives. He subsequently had postdoctoral positions at the University of Copenhagen and Harvard University, where he worked on relationships among the epidendroid orchids. Over the past 25 years he has continued to work on orchid systematics projects, as well as on Ericaceae (the blueberry family) and wild gingers (*Asarum*), and has trained graduate students who now have faculty positions and work on various aspects of flowering plant diversity.



CENTRAL OHIO ORCHID SOCIETY

Dr. John Freudenstein

"Manipulation as a way of life
- orchid diversity and evolution."

September 17th, 2020

7:30pm

The Ohio State University

Professor and Chair

Department of Evolution, Ecology, and Organismal Biology

PRESIDENT'S MESSAGE

Topic: COOS September Meeting - 2020

Time: Sept. 17th -- 7:30 PM Eastern Time (US and Canada)

Join Zoom Meeting:

[https://us02web.zoom.us/j/86490467380?
pwd=MTRleHg0b0c4VktxM053YnYzaDljZz09](https://us02web.zoom.us/j/86490467380?pwd=MTRleHg0b0c4VktxM053YnYzaDljZz09)

Meeting ID: 864 9046 7380

Passcode: 604391

One tap mobile

+19292056099,,86490467380#,,,,,0#,,604391# US (New York)

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Dial by your location

+1 929 205 6099 US (New York)

+1 301 715 8592 US (Germantown)

+1 312 626 6799 US (Chicago)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

Meeting ID: 864 9046 7380

Passcode: 604391

Find your local number: <https://us02web.zoom.us/j/86490467380?pwd=MTRleHg0b0c4VktxM053YnYzaDljZz09>

SEPTMEBER SOCIETY MEETING - VIRTUAL MEETING

Upcoming speakers

October's speaker is Kristin Uthus of New World Orchids, meeting to start at our usual 7:30 pm.

November we will have Edgar Stehli of Windswept in Time Orchids, with the **meeting beginning at 7:00 pm**. As the November meeting is usually our annual banquet and awards, we will be conducting our Society awards "ceremony" in the first half hour of the meeting. Growers awards will be delayed this year, and held in January, in order that we can include November ribbon winners in the totals. Also we will be having our final "Plant of the Month" which will need to be included in the "Plant of the Year" Society and public judging.

Both speakers are well known and should provide wonderful new information as well as plant sales. Stay tuned.

Planning for 2021

With current information, it looks like we will be unable to resume in-person meetings at Franklin Park Conservatory for at least the first half of 2021. Restrictions on meeting sizes and the need for physical distancing cannot be met at the Conservatory. So plan on the continued use of Zoom for our monthly meetings. One benefit of utilizing Zoom is it allows us to have speakers from other parts of the world join us for some of our meetings. Tracy Strombotne is currently searching the globe for speakers who we could not afford to bring to the US...we will keep you posted, but if you have an idea for an international speaker please share it with us.

Member Orchid Sale

The Board would like to offer our members a sales opportunity with members who have plants to sell. We are looking for a public park with an open sided shelter house and a few tables, where members who would like to sell divisions or other plants can do so. The plan is currently for the 1st or 2nd week in October if a site can be located. If you have a location that you think might work, please share that with me. Those who remember our in-person meetings and member sales will recall that 20% of the sales made are donated to the Society, the same will occur if we are able to have this in person event.

On-line Plant Auction

We are also planning an early December on-line plant auction to benefit the society. Members can donate plants for auctioning on our website. All proceeds would benefit the Central Ohio Orchid Society. Stay tuned for more details, and start thinking about which plants you would like to offer for auction.

2021 Memberships and Renewals

It's also time to think about renewing and/or joining the Central Ohio Orchid Society. We are finalizing our membership application to take into account our new use of technology. The new application will include a photo and video release as we are utilizing your digital images for judging and publication in our newsletter and on our website. We are also recording our meetings on Zoom for hopefully posting on our website soon. Opting out will of course be an option. Plan on renewing or joining us in November and throughout the upcoming year!

Donations

We've added a donation feature to our website. If you would like to support the Society, please consider donating to help us provide you with the best programming and services possible. While this has been a very challenging time, we have been able to keep our finances stable during the year. However, usual fundraising done throughout the year has not occurred, so if you would like to donate, that option is now available on our website. Thanks, Wendy and Justin!

Two Great Opportunities for Orchid Lovers!

- 1) Hengduan Biotech is offering plants, including many great Chinese species. Please refer to Nancy Shapiro's email from Sept. 5. Deadline for ordering is Oct. 10.
- 2) See details below for The Orchid Digest's International Speakers Day.

*Nancy Shapiro | President
Central Ohio Orchid Society
September 2020*

ORCHID DIGEST INTERNATIONAL SPEAKERS DAY: A VIRTUAL EXPERIENCE

All speakers live via Webinar
October 31, 2020 12:30 - 5:00 PM EDT
Registration Fee: \$30

Register [here](#) to join us!

All registrants will be entered in a raffle for prizes donated by our sponsors
and for new or renewals of memberships to the *Orchid Digest*

ORCHID DIGEST INTERNATIONAL SPEAKERS DAY SPEAKERS

Lourens Grobler: My 10 Favorite African Orchids

Lourens is from Pretoria, South Africa. Growing orchids since he was ten years old, he co-owns Afri Orchids, a nursery that specializes in species from around the world.



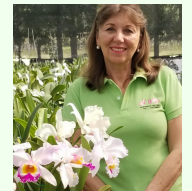
Lou Jost: Orchids as Guides to the Conservation of Unique Biodiversity

Now living in Ecuador, Lou formed the EcoMinga Foundation to build large reserves, such as the Dracula Reserve, to protect strategic biodiversity hot spots.



Andrea Niessen: Orchids in Nature in Colombia

Andrea, from Cali Colombia, is co-owner of Orquídeas del Valle. They have been researching, reproducing, and exporting Colombian orchids for over 25 years.



Alek Zaslowski: Beautiful Brazilian Mountains & the Orchids that Grow There

Alek, from Vitória, Brazil, owns AWZ Orquídeas, a nursery with some of the finest known varieties of Cattleya Alliance species.



Special thanks to our sponsors!

**Sunset Valley Orchids * Ecuagenera * H & R Orchids * Waldor Orchids *
The Orchid Inn * Tropical Orchid Farm * Woodstream Orchids**

AUGUST 2020

PLANT OF THE MONTH



Dendrobium aggregatum **Grown by Tessie Steelman**

Tessie wowed us earlier this summer with her *Dendrobium densiflorum*; this month she exceeded that with her *aggregatum*. Here is her advice for successfully growing *Dendrobium aggregatum*:

I grow *Dendrobiums* outdoor under 50% Aluminet covering, and the plant is facing east meaning lots of morning sun. For fertilizer, I use regular Miracle Gro liquid and apply once a month and frequent watering in the summer until fall. For medium, I normally use large Orchiata bark mixed with Osmocote fertilizer. In the winter, I grow this *Dendrobium* under high wattage LED lights with a fan running 24/7 and water only with collected rain water with the plant sitting on a tray. Once you see side shoots, make sure to keep it on the warm side and water it frequently. Never let it get bone dry.

AUGUST 2020 VIRTUAL SHOW TABLE

Cattleya sp:

- | | |
|--|-------------------------|
| 1 C. guttata alba | Grown by Tennis Maynard |
| 2 C. mendelii | Grown by Ken Mettler |
| 3 Epi. ciliare (syn. Coilostylis ciliaris) | Grown by Ken Mettler |

Cattleya hybrids:

- | | |
|-------------------------------------|--------------------------------|
| 1 Blc. Momilani Rainbow 'The Gypsy' | Grown by Dave and Edna Markley |
| 2 Eplc. Volcano Trick 'Orange Fire' | Grown by Dave and Edna Markley |
| 3 C. No ID | Grown by Tom and Pat Stinson |

Paphiopedilum:

- | | |
|-------------------------|---------------------------------|
| 1 Paph. henryarum x sib | Grown by Cortney White |
| 2 Paph. rothschildianum | Grown by Tessie Steelman |
| 3 Paph. No ID | Grown by Sandra and Terry Stohr |

Phragmipedium & Mexipedium:

- | | |
|--------------------------------------|------------------------------|
| 1 Mex. xerophyticum 'Oaxaca' | Grown by Tom and Pat Stinson |
| 2 Phrag. Olaf Gruss | Grown by Nancy Shapiro |
| 3 Phrag. Eric Young 4N X longifolium | Grown by David Evans |

Oncidium:

- | | |
|--------------------------------------|------------------------|
| 1 Ionocidium Popcorn 'Highland' | Grown by Angeline Rini |
| 2 Erycina (Psychmorchis) Pusilla | Grown by Cortney White |
| 3 Onc. Sharry Baby 'Sweet Fragrance' | Grown by Angeline Rini |

AUGUST 2020 VIRTUAL SHOW TABLE

Vanda:

- 1 Rhy. retusa Grown by Tessie Steelman
- 2 Vanda Yellow Butterfly Grown by Tom and Pat Stinson
- 3 Vanda Mimi Palmer Grown by David Evans

Phalaenopsis:

- 1 Phal. Summer Rose 'Blue Star' Grown by Amy Thomas
- 2 Phal. lindenii Grown by Tennis Maynard
- 3 Phal. pulcherrima 'Fangtastic Peloric' Grown by Amy Thomas

Catasetum:

- 1 Ctsm. Orchidglade 'Davie Ranches' AM/AOS x Ctsm. tigrinum 'SVO'
Grown by Nancy Shapiro
- 2 Ctsm. tenebrosum (Mislabeled)
Grown by Tessie Steelman
- 3 Ctsm. Portagee Star 'Brian Lawson's Sunrise' HCC/AOS X Ctsm. tigrinum
'Wyche' HCC/AOS
Grown by Jennifer Sonnenberg

Dendrobium:

- 1 Den. aggregatum Grown by Tessie Steelman
- 2 Den. Diamond Queen Grown by Angeline Rini

AUGUST 2020 VIRTUAL SHOW TABLE

Pleurothallid:

- | | |
|---|----------------------|
| 1 Masd. Steve Vance 'Rita's Realm' AM/AOS | Grown by David Evans |
| 2 <i>Dracula vespertilio</i> | Grown by Tom Hart |
| 3 <i>Dracula cordobae</i> | Grown by David Evans |

Other:

- | | |
|----------------------------------|--------------------------------|
| 1 <i>Cym. ensifolium</i> | Grown by Ken Mettler |
| 2 <i>Habenaria erichmichelii</i> | Grown by Dave and Edna Markley |
| 3 <i>Bulbophyllum macranthum</i> | Grown by Tennis Maynard |

learn. grow. share.

CATTLEYA SP.



C. guttata alba
Grown by Tennis Maynard



C. mendelii
Grown by Ken Mettler

CATTLEYA SP.



Epi. ciliare (syn. Coilostylis ciliaris)
Grown by Ken Mettler



CATTLEYA SP.



C. luteola
Grown by Dave and Edna Markley



B. nodosa
Grown by Ken Mettler



B. nodosa
Grown by Troy Timbrook

CATTLEYA HYBRIDS



Blc. Momilani Rainbow 'The Gypsy'
Grown by Dave and Edna Markley



Eplc. Volcano Trick 'Orange Fire'
Grown by Dave and Edna Markley



CATTLEYA HYBRIDS



C. No ID
Grown by Tom and Pat Stinson



PAPHIOPEDILUM



Paph. henryarum x sib
Grown by Cortney White



Paph. rothschildianum
Grown by Tessie Steelman



Paph. No ID
Grown by Sandra and Terry Stohr



PHRAG / MEXI



Mexipedium xerophyticum 'Oaxaca'
Grown by Tom and Pat Stinson



PHRAG / MEXI



Phrag. Olaf Gruss
Grown by Nancy Shapiro



Phrag. Eric Young 4N X longifolium
Grown by David Evans



ONCIDIUM



Onocidium Popcorn 'Highland'
Grown by Angeline Rini



Erycina (Psygmoorchis) Pusilla
Grown by Cortney White



ONCIDIUM



Oncidium Sharry Baby 'Sweet Fragrance'
Grown by Angeline Rini

Oncidium No ID
Grown by Nancy Shapiro



VANDA



Rhy. retusa
Grown by Tessie Steelman



Vanda Yellow Butterfly
Grown by Tom and Pat Stinson



VANDA



Vanda Mimi Palmer
Grown by David Evans



Vanda Kulwadee Fragrance '#17'
Grown by Tennis Maynard

PHALS



Phal. Summer Rose 'Blue Star'
Grown by Amy Thomas



Phal. lindenii
Grown by Tennis Maynard



PHALS

Phal. pulcherrima 'Fangtastic Peloric'
Grown by Amy Thomas



Phal No ID
Grown by Dennis Steinbeck



Phal. No ID
Grown by Robert Dudley



CATASETUM



Ctsm. Orchidglade 'Davie Ranches' AM/AOS x Ctsm. tiginum 'SVO'
Grown by Nancy Shapiro



Ctsm. tenebrosum (Mislabeled)
Grown by Tessie Steelman

CATASETUM

Ctsm. Portagee Star 'Brian Lawson's Sunrise' HCC/AOS X
Ctsm. tigrinum 'Wyche' HCC/AOS
Grown by Jennifer Sonnenberg



Ctsm. Frilly Doris 'SVO II' AM/AOS
Grown by Nancy Shapiro

DENDROBIUM



Den. aggregatum
Grown by Tessie Steelman



Den. Diamond Queen
Grown by Angeline Rini

PLUEROTHALLID



Masd. Steve Vance 'Rita's Realm' AM/AOS
Grown by David Evans



Dracula vespertilio
Grown by Tom Hart

PLUEROOTHALLID



Dracula cordobae
Grown by David Evans



Masd. Cheryl Shohan 'The Babe'
Grown by Tom and Pat Stinson

OTHER



Cym. ensifolium
Grown by Ken Mettler



Habenaria erichmichelii
Grown by Dave and Edna Markley



OTHER



Bulbophyllum macranthum
Grown by Tennis Maynard

OTHER



Bulbophyllum pardolatum
Grown by Dennis Steinbeck



Maxillaria rubescens
Grown by Dennis Steinbeck

OTHER



Zygopetalum Jumpin Jack 'Kalapana'
Grown by Angeline Rini



Thrixspermum Centipeda
Grown by Cortney White

Into the Wild

Southern Slender Ladies' Tresses

• • •



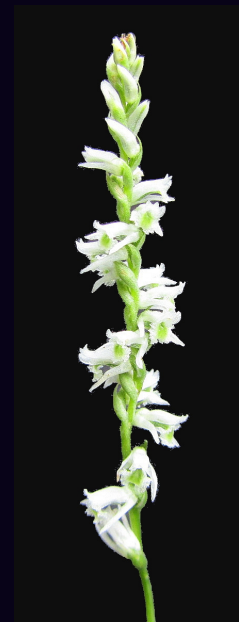
By Ken Mettler

By early August, there seems to be a lull of blooming wildflowers as most of the big, showy *Platanthera* species, and other flamboyant summer flowers are finishing blooming, or have already gone to seed. It seems that nature has done with its summer show, and is waiting for a change in the weather for the fall season to begin. And no fall season would be complete without the delightful Ladies' Tresses, genus *Spiranthes*. Of the eleven species of *Spiranthes* found in Ohio, ten bloom from August through October, sometimes extending into early November. How's that for extending the season?

Spiranthes get their common name, "Ladies' Tresses", from the presentation of their small, white flowers that spiral around their stem, looking like long, curled locks of hair. All the species are very similar in appearance, and enthusiasts need to pay attention to subtle differences in color (mostly white), shape, preferred habitat, and if the basal leaves are present at the time of flowering.

Into the Wild

An easy species to identify, and the first of the fall bloomers, is the Southern Slender Ladies' Tresses, *Spiranthes lacera* var. *gracilis*. Unlike the pretentious Lady's Slippers and *Platantheras*, these plants have a subtle, refined beauty all their own. Basal leaves emerge in the spring, and form neat, little rosettes, only two to three inches in diameter, that lie almost flat on the ground. The basal leaves typically wither by mid-July. Then in August, a slender bud spike emerges, six to 18 inches tall. The tiny flowers, not much more than a quarter inch across, spiral along the upper three or four inches of the inflorescence. A distinctive feature is the green spot on the center of the lip. No other *Spiranthes* has this green spot.



They prefer growing in sites that have some disturbance. Mowing once or twice a year seems to suit them well, as long as they don't get cut down in August or September. The blooming stems seem to be quite tasty to deer. I suspect that the nectar in the flowers adds a sweetness that the deer enjoy, although I've never tasted one! Slender Ladies' Tresses can grow from almost full sun to moderate shade in thin woods, sparse pastures, and fields with only a moderate amount of competing vegetation.

All Southern Slender Ladies' Tresses images and article provided by Ken Mettler

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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