

April
2021

The Orchid Grower

Orchid Growers' Guild of Madison

www.Orchidgrowersguild.org



Meeting Dates Meetings on Zoom at 1 PM

- April 18
- May 16
- June TBA
- September 19
- October 17
- November 21
- December 19

Meetings start at 1:30 pm at Olbrich Gardens unless otherwise noted

Up-Coming Events

- August 27-27, Ohio Valley Orchid Fest, sponsored by Miami Valley Orchid Society
- September 24-26, Chicagoland
- October, Fall Orchid Sale, Olbrich
- 2022 February 5 & 6, Orchid Quest

Officers and Committees

President:

Susan Reed (2022)
Greed@chorus.net

Vice President:

Cynthia Wadsworth (2021)
cynthia.wadsworth@thermofisher.com

Secretary:

Keith Nelson (2021)
nelsonridge@tds.net

Treasurer:

Denise Baylis (2022)
jrbaylis@tds.net

Board:

Lisa Linde (2023)
CrazyCatPlantLady@gmail.com

(Continued on page 2)

NEXT MEETING, APRIL 18th David Sorokowski on "Novelty Paphs"

David Sorokowski of Paph Paradise Orchids will discuss 'Novelty Paphs'. He will try to define what a novelty Paph is, why we grow them and where they are going in the future.



Paphiopedilum Gloria Naugle

After receiving his degree in biochemistry from the University of Toronto, Dave opted to step outside his chosen field and operated a tropical fish import business for eight years. Upon returning to school, Dave received a degree in enology and viticulture from Brock University in St. Catharines, Ontario. While attending Brock, Dave began acquiring orchids one 2" pot at a time and before he graduated, Dave had over 100 orchids. Winemaking and a passion for orchids prompted Dave to seek a warmer climate in California about one year later. Dave has been growing paphiopedilums for about 15 years and seriously hybridizing for the past 10 years. He is an accredited AOS judge and his paphiopedilums have received over 100 awards to date from the AOS and CSA. Many of those awarded plants playing important roles in his breeding program. In 2018 Dave left winemaking in order to focus all of his time running Paph Paradise Orchids.

MESSAGE FROM THE PRESIDENT

Hi OGG members,

Thank all of you who have renewed your membership. The dues are especially important now because this year we didn't have our income from Orchid Quest to fund our programs.

On that note remember we will be having a members' auction in May at our monthly meeting, May 16. It will probably be a zoom auction again. More details will follow. Speaking of May, we also have our board elections. This year the expiring terms are

INSIDE THIS ISSUE

AOS Monthly Check List	4
Catsetum Project: April update	3
Hydroponics Recap	2
March Show and Tell	5-15
Next Meeting: "Novelty Paphs"	1
Olbrich Spring Orchid Sale	6
President's Message	

(Continued on page 2)

Nancy Thomas (2022)
mikeandnancy@tds.net

Carrie Weisman (2021)
cleocatz@msn.com

Away Shows:
Nancy Thomas
mikeandnancy@tds.net

Hospitality:
Volunteer

Librarian:
Open

Membership:
Carrie Weisman
carrie.wiesman@dwd.wi.gov

Newsletter:
Denise Baylis
jrbaylis@tds.net

Orchid Quest 2021:
Terri Jozwiak
lodijoz@charter.net

Programs:
Cynthia Wadsworth
cynthia.wadsworth@thermofisher.com

Ribbon Judging:
Open

Web Master:
Richard Jozwiak
OGGweb@charter.net

Liaisons:
AOS: Nancy Thomas
MAOC: Keith Nelson



Photograph by Lorraine Snyder
Lorraine spotted Chuck's orchid in the recent issue of Orchids magazine, page 281. It earned a First Class Certificate at 2020 Orchid Quest.

Cynthia, Vice President, Keith at Secretary and Carrie at an open board position. Cynthia and Carrie have agreed to continue but I am very sad to report that Keith is planning to move out of state soon. So the secretary's position is open. The board has been meeting by zoom on the first Tuesday evening of the month. All are welcome and encouraged to attend, just request a Zoom link from me to join! We will probably continue with ZOOM meetings, so distance is no obstacle for anyone interested in offering their services for secretary. Please notify Denise or another board member of your interest. Thank you in advance for your time.

Due to changes in Orchid Quest sources of income, we are investigating changes in our membership dues as well as mechanisms to increase donations from the membership. If you have any suggestions let the Board know. The board welcomes member input for this is your organization! For the organization to be successful and to grow, we need member input, support and volunteering time!

Agenda items for the next board meeting include, dues structure, programs, special projects, October public Orchid sale at Olbrich, as well as the upcoming OGG election of officers. Your input is vital!

Stay safe and get your vaccinations!

— Sue Reed

HYDROPONICS RECAP

Josh Carson's presentation was his odyssey over the past five years to perfect his orchid-growing technique rather than killing them. Josh had grown other plants using hydroponics, so this was an easy switch for him. He had found remembering to water his orchids was a challenge, so he switched to an 'ebb and flow' system. This system with timers floods a large plastic container in which his orchids are sitting and then drains the area, with the water draining into a large reservoir. Depending upon the water requirements of the orchids, like are with like in the same large container, the large containers are flooded several times a day, or several times a week. Josh has found that cone pots work well; orchid bark or hydroponic pellets work well as the plant media. Rapid Start as fertilizer with air pumps/air stones to aerate the water produce the best orchid growth. One of the most important items is Reverse osmosis water (RO), rain water or distilled water. RO or exceptionally low mineral content water is needed.



Josh also grows under lights with timers and uses metal stands which are found easily at many stores. Hydroponics allows him to control the growing environment of his plants from light intensity and duration, fertilizing and watering. And there is no need to worry about soil-related fungus, bacteria and pests as long as you are vigilant about what you introduce into the system. Hydroponics provides the humidity necessary for these tropical plants. Please contact Josh for more details on how to grow with ebb and flow on a budget.

Catasetum Project: April Up-date

Terri Jozwiak sent me pictures of her Ctsm Portagee Star 'Brian Lawson's Sunrise x Ctsm. Susan Fuchs 'Burgundy Chips' that bloomed with male flowers in one year and in the following year produced female flowers. In her own words, she describes the huge environmental differences that may have facilitated the production of female (hooded-green) blooms "This year the

greenhouse was quite cold. Later, as the winter progressed, I had to turn off the humidity because of a problem. So it was very dry and cold. I am sure when it bloomed last time, it wasn't as cold." Here are pictures of the orchid from two different years.

Thanks for sharing, Terri.



Male flowers one year.



Female flowers another year when temperature was cold and humidity was low in the growing area.



At left: My catasetum collection is waiting for the right conditions to renew itself through the production of new shoots. Two of the plants show the beginning of new shoots.

Remember to wait until roots of new shoots are at least three inches long before watering. However, you can safely mist the pseudobulbs if they appear to be shriveling. I spritz them twice a week.

Happy growing!
Gary Lensmeyer

Monthly Checklist for March and April from AOS

Cattleya



Although March is, in many parts of the country, still a cold and blustery month, the lengthening days and warmer temperatures allowed by increased light are long-awaited harbingers of the coming change of season. Some of the best standard cattleyas of the year will be in bloom, or will be blooming soon. The last of the winter-flowering hybrids will join the earliest of the spring hybrids in a wonderful display. Be on the alert for senescing sheaths that need removal. If these yellowing sheaths are not removed, the moisture they trap can lead to bud rot. Careful removal of the sheath will allow the buds to develop, although they will need additional support. Changing light conditions can also be a problem in March and April. An exceptionally bright day, especially immediately following a rain, can lead to sunburn of the foliage if shading is not attended to properly. There can still be periods of dull days where spikes can be weakened owing to the lower light. Lengthening days will mean increased metabolic rates necessitating increased water and fertilizer. The plants will indicate needs by drying more rapidly, which means more frequent watering and fertilizing.

With the passing of the season for winter bloomers, and the beginning of the season for spring bloom, it is also the time to be on the lookout for plants that will need potting after they bloom. Immediately after blooming has proven to be the best time to repot winter- and spring-flowering cattleyas. In most cases, they will be ready to grow roots, so if potted at this time, they will root right into fresh mix with little or no setback.

Cymbidium



Plants should be putting on a spectacular show this time of year. Adjust all staking and twist-ties and be on the lookout for aphids, slugs and snails. Give adequate water because flowering strains the plants. As new growths appear later, increase

the nitrogen level in the fertilizer. Should a plant look healthy but not be blooming, try increasing the light during the next growing season. The number-one reason for no flowers is lack of light.

Dendrobium (Australian)

These hard-cane dendrobiums will be at their flowering peak now. It is not unusual to see a specimen of this type in an orchid show boasting 1,000 flowers. The secret with this group -- bred primarily from *Dendrobium kingianum* and *Dendrobium speciosum* -- is to provide ample water, fertilizer and light during the growing season.



Lycaste

This genus of superb orchids will be coming to the end of its flowering season. Soon you will see the beginning of new root growth, which is an excellent time to repot into fresh media. As new growth emerges, provide ample fertilizer and water. A sign of good culture is an increase in the size of pseudobulbs with each successive year.

Miltoniopsis

This marks the beginning of the flowering season. Amazing displays of color will dazzle the grower over the next few months. Prepare your plants for optimum display by staking spikes (if needed) and cleaning off the older yellow foliage. Do not miss the wonderful fragrance as the flowers unfold.



Paphiopedilum

March is the beginning of the season of heaviest potting for lady's-slipper orchids. However, it is a month where the volume of plants needing attention is still small. It is an excellent month to take the time to work with your paphiopedilums before the pressure of other potting prevents your doing the thorough job you should. Look at each plant: Is it clean of dead and dying foliage? Is it weed free? Does it

(Continued on page 5)

(Continued from page 4)

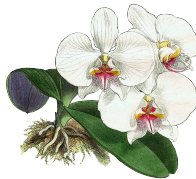
need potting? Is it in spike? Does it have an insect problem? Cleaning and restaging your paphs is one of the most satisfying tasks of the orchid year. Cleaned and potted paphiopedilums look happy.

The summer-blooming types will be showing the first of their buds in March and April. Be on the lookout for the buds, as well as any insect pests that may have found their way into the crowns of your plants. It is especially difficult to clean mealybugs, in particular, once they have become established in the plant. Better to get to them before they get a good toehold.

Increasing light levels should give emerging spikes the strength they need to grow straight and strong. Do not be too anxious to stake the spikes, because if they are staked too soon, the flowers may develop a "nodding" stance, where the dorsal will not stand upright. If the spikes seem to develop at an angle, let them, and stake after the flower has hardened for best carriage, especially on the hybrids with fairieanum background.

Phalaenopsis

In most of the country, March is the peak blooming month for phalaenopsis. Staking needs to be carefully attended to, so that the flowers will be displayed at their best for orchid shows and judging -- even those intended for your home will look best if properly staked. One of the most decorative aspects of phalaenopsis spikes is the



way they gracefully arch. If not staked properly, the spike will lack this grace and will not be as pleasing. Most growers like to have the final support just below the first flower, allowing maximum support, without sacrificing the beauty of the arching spike.

Rapid-growing spikes and open flowers place extra demands on the plant. Careful monitoring of watering and feeding will give the plants the energy they require to give their best floral display. Remember, too, that the lengthening days will also increase the frequency at which plants need water.

Beware of the invasion of sucking pests that accompany the flowering season. Flowers and spikes are favorite targets of mealybugs and scales. Be on the look out for their presence, often indicated by the appearance of sooty mold resulting from the exudate of the bugs, and treat before flowers or buds are too advanced. If flowers and buds are too far along, the chemical treatment may damage or abort them.

Pleurothallids

Members in this large and increasingly popular group will be looking their best now. If plants are not in flower, the next few months provide an excellent time to divide if needed or repot into fresh mix. Taking care of these tasks now will allow enough time for your plants to become established before the hot weather arrives.

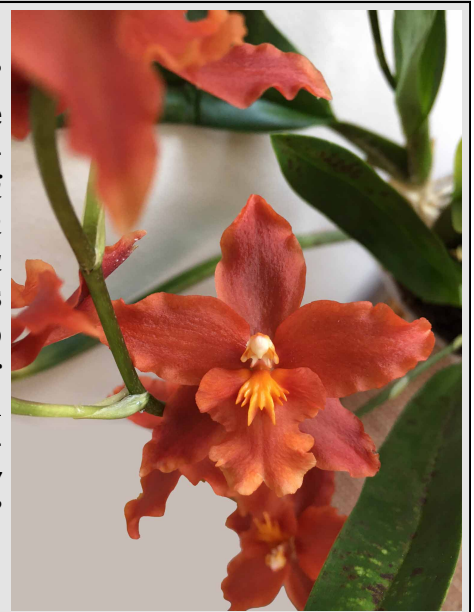


The AOS thanks Ned Nash and James Rose for this essay.



Lorraine Snyder created this table top display for the holidays. All are unregistered hybrids from her Phalaenopsis collection.

Nancy Thomas' Wilsonara Space Mine 'Red Rendezvous' (*Oncidium sphacelatum* x *Odontioda Carmine*). "This plant seems to grow and flower better in my cool basement temperatures (60-67 F)."



March Show and Tell Participants

Cynthia Wadsworth	<i>Dendrobium</i> Micro Chip (<i>aberrans</i> x <i>atroviolaceum</i>)
Cynthia Wadsworth	<i>Laeliocatonia</i> Renate now <i>Guaricattonia</i> Renate (C. Frenchy's Cheek-La x Grt. Why Not)
Doug Dowling	<i>Cymbidium</i> Skippy 'Koharubiyon' (October x <i>floribundum</i>)
Doug Dowling	<i>Potinara</i> Denis Roessiger (Sophrolaeliocattleya Angel Eyes 'SVO' HCC/AOS x <i>Potinara</i> Golden Circle 'OPRL') [NOW <i>Rhyncholaeliocattleya</i>]
Doug Dowling	<i>Vanda lilacina</i>
Gary Lensmeyer	<i>Cymbidium</i> Sarah Jean 'Ice Cascade' (<i>floribundum</i> x Sleeping Beauty)
Gary Lensmeyer	<i>Mormodia</i> B-C Elvira (<i>Clowesia</i> Rebecca Northen 'Hill Top' x <i>Mormordes</i> Nitty-Gritty 'Gold and Bronze')
Gary Lensmeyer	<i>Oncidium</i> Sprite
Gary Lensmeyer	<i>Paphiopedilum delenatii</i>
Jeff Baylis	<i>Oncidium splendidum</i>
Judy Stevenson	<i>Phragmipedium</i> Grande (<i>caudatum</i> x <i>longifolium</i>)
Judy Williamson	<i>Cymbidium</i> 'Lucifer' (Veronique x Carisbrook)
Keith Nelson	<i>Cattlianthe</i> Jewel Box (<i>Guarianthe aurantiaca</i> x <i>Cattleya</i> Anzac)
Keith Nelson	<i>Cyclopogon lindleyanus</i>
Lori O'Neill	<i>Phalaenopsis</i> (Golden Peoker x Golden Sun) CH
Lori O'Neill	<i>Phalaenopsis</i> (New Fancy x Acker's Ruby)
Lori O'Neill	<i>Phalaenopsis</i> Lucy Lih Strip
Lori O'Neill	<i>Phalaenopsis</i> Prairie du Sac x <i>Phalaenopsis</i> Isle x <i>Phalaenopsis</i> Platinum
Lori O'Neill	<i>Phalaenopsis</i> unknown hybrid
Lori O'Neill	<i>Phragmipedium</i> Belle Hougue Point (Eric Young x <i>caudatum</i>)
Lori O'Neill	<i>Vanda</i> Sansai Blue 'Ackers Pride' FCC/AOS (Crimson Glory x <i>coerulea</i>)
Lorraine Snyder	<i>Phragmipedium</i> St. Ouen Flava Hanne Popow (4N) AM/RHS x <i>Phragmipedium besseae</i> v <i>flavum</i> 'Chucks Choice')
Lynn West	<i>Phalaenopsis</i> mini unknown hybrid
Nancy Thomas	<i>Paphiopedilum delenatii</i>
Nancy Thomas	<i>Wilsonara</i> Space Mine 'Red Rendezvous' (<i>Oncidium sphacelatum</i> x <i>Odontioda</i> Carmine)
Sandy Delamater	<i>Dendrochilum banksii</i>
Sandy Delamater	<i>Dendrochilum saccolabium</i>
Sandy Delamater	<i>Paphiopedilum spicerianum</i> x Stone Lovely
Sandy Delamater	<i>Paphiopedilum venustum</i> x sib
Sandy Delamater	<i>Sophronitis mantiqueirae</i>
Scott Weber	<i>Stenorrhynchos speciosum</i>
Susan Reed	<i>Angraecum leonis</i>
Susan Reed	<i>Coelogyne cristata</i>
Susan Reed	<i>Lycaste lasioglossa</i>
Susan Reed	<i>Miltoniopsis roezlii</i> var <i>xanthina</i>
Susan Reed	<i>Paphiopedilum lowii</i>
Susan Reed	<i>Phragmipedium besseae</i>
Susan Reed	<i>Potinara</i> Ruby Delight 'SVO' x <i>Sophrolaeliocattleya</i> Angel Eyes 'SVO' AM/AOS
Terri Jozwiak	<i>Bulbophyllum taiwanense</i>
Terri Jozwiak	<i>Dendrobium aberrans</i> x sib
Terri Jozwiak	<i>Dendrobium discolor</i>
Terri Jozwiak	<i>Dendrobium</i> Nopporn Greenstar #524 (Burana Jade x Srimahapote)
Terri Jozwiak	<i>Dendrobium</i> Royal Wings (Roy Tokunaga x Silver Wings)
Terri Jozwiak	<i>Encyclia cordigera</i>
Terri Jozwiak	<i>Paphiopedilum</i> (Hama Chilwin x Hampshire Awesome)
Terri Jozwiak	<i>Phaius tankervilleae</i>

SPRING ORCHID SALE AT OLBRICH

Although OGG was unable to schedule our annual Spring Orchid sale this year because of covid, Olbrich managed to conduct one. At the conclusion of Orchid Escape at the end of February, Olbrich pulled the orchids that had been on display in the Conservatory to be sold to the public. During February signs had been posted throughout the Conservatory saying there would be an orchid sale starting March 3rd. All purchases must be completed on-line and the orchids picked up later. A few examples of each type were shown when the order page was up. The Paphiopedilums, and Phalaenopsis sold out in two hours. All but a few of the Oncidiums and Dendrobiums were purchased the first day.



Prices were appropriate for orchids which had been on display for a month: Paphiopedilums for \$18, Phalaenopsis in 4" pots \$16 and mini Phalaenopsis in 3" pots for \$10. There was a mix of Oncidiums and Dendrobiums which were offered at \$14.

Pick up started at 10AM Friday. The plants were first come, first served so the earliest visitors got the best flowers. More than 80% of plants were picked up by 1PM. Many of the remaining plants had no flowers and many looked rather desiccated.

— Keith Nelson



Oncidium



Jeff Baylis' *Oncidium splendidum*.



Gary Lensmeyer's *Oncidium Sprite*. "Purchased several years ago from Going-to-Pot. A smaller variety that I grow under lights. A reliable bloomer with interesting splash-color flowers."



Susan Reed's *Angraecum leonis*. "This is the second year with buds but the first time with a bloom. There are first time two spikes but the buds have a tendency to blast. This year I moved it out of direct air movement and up to higher shelf so it is warmer but still grown in the basement with no LED light. Humidity is low, so not ideal. Fragrant at night, very sweet vanilla."



Susan Reed's *Coelogyne cristata*. "This blooms every year in late January-February into March. Likes it cool in the winter and grows in my cool sun room, low 60's in the winter with an eastern exposure. Bought this plant maybe 15 years ago as a division of an Olbrich plant. (Never reported) I have several divisions for the auction."

Keith Nelson's *Cyclopogon lindleyanus*. "It has tiny flowers. Must be a little gnat that pollinates it. Flowers sequentially with new spikes for 3 months. This terrestrial is found in moist forests in northern South America."



Terri Jozwiak's *Bulbophyllum taiwanense*. "It's a tiny little thing mounted on a board with feather like flowers."



Scott Weber's *Stenorrhynchos speciosum*

Cymbidium



Judy Williamson's *Cymbidium* 'Lucifer' (Veronique x Carisbrook)



Doug Dowling's *Cymbidium* Skippy 'Koharubiyon' (October x *floribundum*)



Gary Lensmeyer's *Cymbidium* Sarah Jean 'Ice Cascade' (*floribundum* x Sleeping Beauty). "Purchased 10 years ago from Santa Barbara Orchids. Profuse bloomer. Stays in-flower for 3+ months. Grows outside in direct sunlight from June- October, then transferred to three season porch until end of November. Remainder of time in basement under lights."



Sandy Delamater's *Dendrochilum banksii*. "From the Philippines. First blooming, one spike."

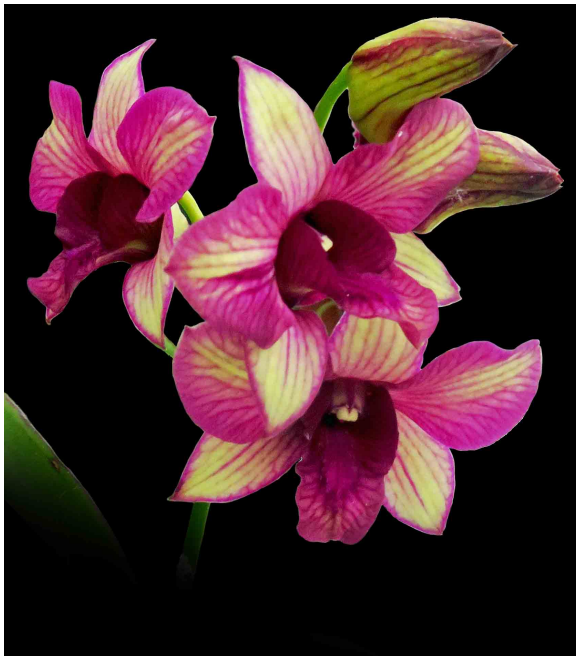


Sandy Delamater's *Dendrochilum saccolabium* "Unusual plant from the Philippines, not often seen. Bought in Florida around 2014. Best flowering this year with 16 spikes, each with around 40 flowers."

Dendrobium



Terri Jozwiak's *Dendrobium* Royal Wings (Roy Tokunaga x Silver Wings). "It is still blooming with four new clusters this month."



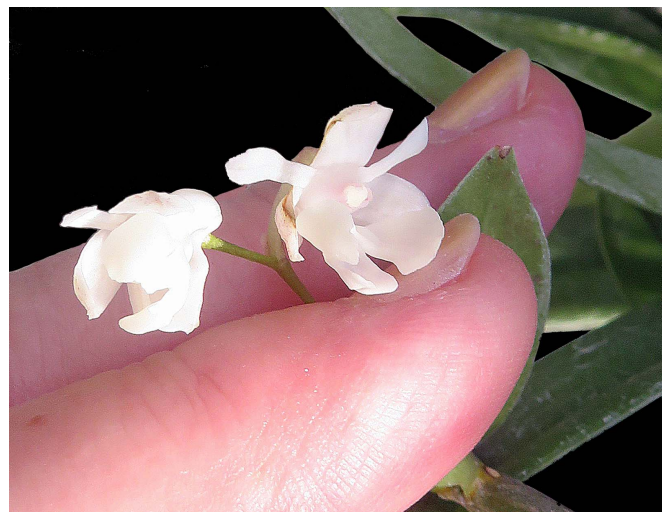
Terri Jozwiak's *Dendrobium* Nopporn Greenstar #524 (Burana Jade x Srimahapote). "This has a beautiful variegated blossom."



Terri Jozwiak's *Dendrobium discolor*. "This was blooming last month but now all of the flowers are open."



Cynthia Wadsworth's *Dendrobium* Micro Chip (*aberrans* x *atroviolaceum*)



Terri Jozwiak's *Dendrobium* *aberrans* x *sib.* "It has bloomed before but doesn't actually open the white bud too often."

Phragmipedium



Lori O'Neill's *Phragmipedium* Belle Hougue Point (Eric Young x *caudatum*). "Purchased at Acker's in 2004. Second spike bloom this winter."



Lorraine Snyder's *Phragmipedium* St. Ouen Flava Hanne Popow (4N) AM/RHS x *Phragmipedium besseae* v *flavum* 'Chucks Choice'. "Purchased at Hausermann's Chicagoland 9/19 as a seedling. First bloom."

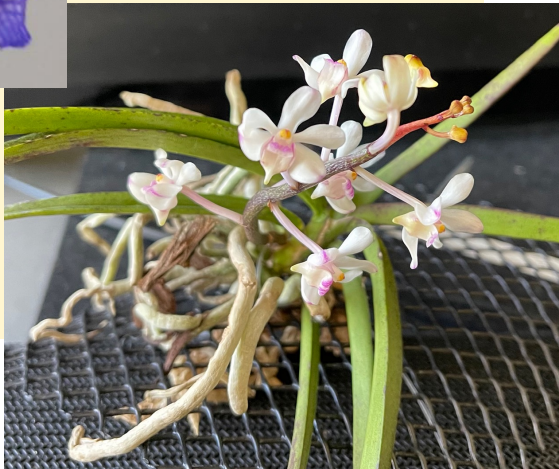


Susan Reed's *Phragmipedium besseae*. "From Fox Valley about 5 years ago. Took several years for it to bloom for me. The upper flower is just opening up. Having two flowers lasted quite awhile. Grow this cool with Eastern Exposure in the sun porch, so cool in winter and on warm/hot side in the summer. "



Lori O'Neill's *Vanda* Sansai Blue 'Ackers Pride' FCC/AOS (Crimson Glory x *coerulea*). "Purchased at Acker's in 2015."

Vanda



Doug Dowling's *Vanda lilacina* →



Judy Stevenson's *Phragmipedium* Grande (*caudatum* x *longifolium*)

Phalaenopsis



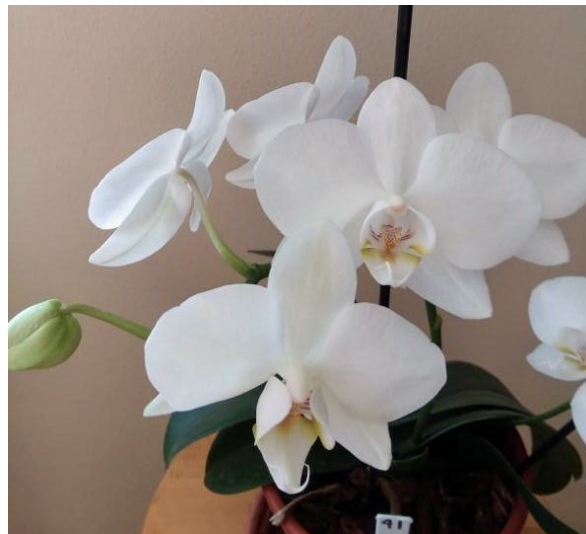
Lori O'Neill's *Phalaenopsis* Prairie du Sac x *Phalaenopsis* Isle x *Phalaenopsis* Platinum on the left. On the right her *Phalaenopsis* Lucy Lih Strip. "Purchased in 2003 and 2004 respectively."



Far left is Lori O'Neill's *Phalaenopsis* (Golden Pecker x Golden Sun) CH; and near left is her *Phalaenopsis* (New Fancy x Acker's Ruby). "Purchased at Acker's in 2004."



Lynn West's *Phalaenopsis* mini unknown hybrid



Lori O'Neill's *Phalaenopsis* unknown hybrid

Paphiopedilum



Gary Lensmeyer's *Paphiopedilum delenatii*.
"Fragrant flower that is long lasting, 8+ weeks."



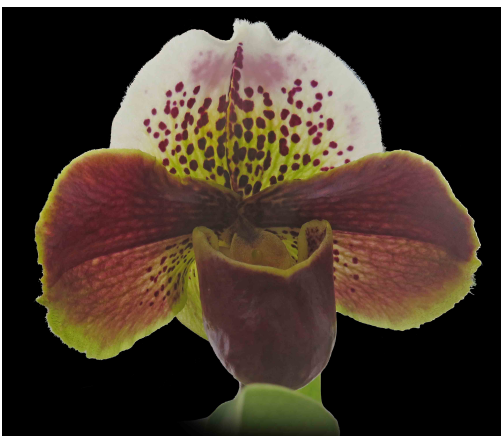
Nancy Thomas's *Paphiopedilum delenatii*. "This came from a flat of seedlings that OGG acquired from Orchids Garden Center several years ago. Has a light pleasant fragrance."



Sandy Delamater's *Paphiopedilum spicerianum* x Stone Lovely. "I bought this at last OGG auction. My first blooming. Flower is 4 in. x 4 in."



Susan Reed's *Paphiopedilum lowii*. "It blooms sometimes twice a year. Seems to like it cool in the winter and a fair amount of water. Also Eastern exposure close to the cristata. Five blooms this year and long lasting."



Sandy Delamater's *Paphiopedilum venustum* x sib.
"Bought at last Orchid Quest, my first blooming."

Terri Jozwiak's *Paphiopedilum* (Hama Chilwin x Hampshire Awesome). "This is the only Paph I can get to bloom yearly."



Cattleya-like



Keith Nelson's *Cattlianthe Jewel Box*
(*Guarianthe aurantiaca* x *Cattleya Anzac*)



Susan Reed's *Potinara Ruby Delight* 'SVO' x *Sophrolaeliocattleya Angel Eyes* 'SVO' AM/AOS.
"A Fred Clarke mini cattleya bought about one year ago. Goes in the cool basement, no variation on light except for the little natural light it receives from a window a few feet away. Majority of light from a Happy Leaf 33' pro LED light fixture."



Doug Dowling's *Potinara Denis Roessiger*
(*Sophrolaeliocattleya Angel Eyes* 'SVO' HCC/AOS x *Potinara Golden Circle* 'OPRL') [NOW *Rhyncholaeliocattleya*]



Cynthia Wadsworth's *Laeliocatonia Renate* now *Guaricattonia Renate* (*C. Frenchy's Cheek-La* x *Grt. Why Not*)



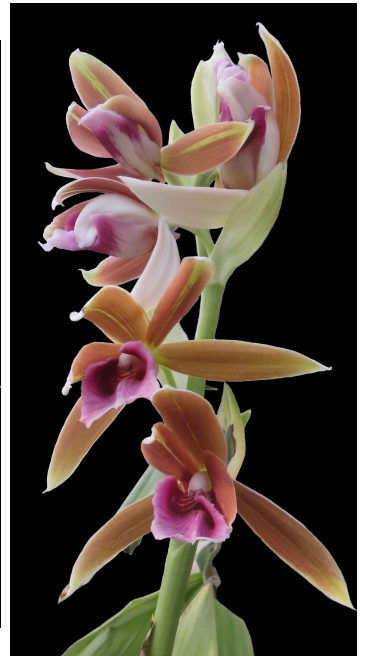
Sandy Delamater's *Sophronitis mantiqueirae*. Each flower is 1 1/2 x 1 1/2 in. Mounted on a 5 in. stick.



Terri Jozwiak's *Encyclia cordigera*. Just opened. I have several of these plants and they will likely be in bloom for another month or more.



Susan Reed's *Miltoniopsis roezlii* var *xanthina*. "Very fragrant species with a few flowers per spike. Second spike is starting. Growing close to the floor in the basement so cool and with three of the medium sized florescent bulbs without seasonal variation in artificial lighting."



Terri Jozwiak's *Phaius tankervilleae* "This is the LARGE plant that has gone to shows but I drastically chopped it up 2 years ago and made 2 plants. This year there were only 3 stems coming up to bloom."



Susan Reed's *Lycaste lasioglossa*. "This is grown under lights in the basement so the temperature range is small but in the 60's in the winter and low 70's in the summer. I don't change the light length of day and there is some sunlight coming in but very indirect to this plant. I use two old big florescents bulbs so not a high light requirement plant. It does like a drier rest period. I just cut back on the watering when no leaves or few leaves."



Gary Lensmeyer's *Mormodia* B-C Elvira (*Clowesia* Rebecca Northen 'Hill Top' x *Mormordes* Nitty-Gritty 'Gold and Bronze'). "First blooming catasetum seedling. Blooms during dormancy after all leaves fall. Fragrant flowers last for about 3 weeks."