



Central Jersey Orchid Society Newsletter

December 2023 Issue

December 2023 President's Message

Dear Members,

Welcome to a new year in bloom! For many of us December and January brings a first flush of blooms from our cattleyas and dendrobiums. It's the season for color! With that are a few resolutions for the new year:

- **Be on the lookout for bugs.**

All our plants are now inside, and unfortunately so are some of our not so welcome hitchhikers. The St. Augustine Society of Orchids (staugorchidsociety.org) has terrific information on avoiding and treating plant pests and diseases.

- **Keep your tools and growing environment clean.**

There are many methods of sterilizing your tools, such as heat, or alcohol. Many growers use single edge razor blades to avoid contagion between plants. Viruses and disease can spread rapidly in our indoor areas, whether in a grow room or a greenhouse. Remember to discard any old or diseased plant material. Spores from a bacterial infection or virus can live on to infect our plants.

- **Keep your tools sharp.**

Avoid crushing your stems rather than cutting them cleanly.

- **Avoid overcrowding.**

With our now very cramped spaces, (how does that happen?) air movement is very important.

- **Seek assistance.**

Our societies are critical for exchanging information, and the AOS (aos.org) is a wonderful source of information regarding cultural information, tips and tricks, publications and webinars. If you do not belong yet make it a resolution to join this year. As a member of the AOS, your membership benefits include:

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Orchid of the Month



Comparettia speciosa Joe Thomas

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Savings on Orchids, supplies, and more.

- Discounts to all AOS members on purchases from more than 50 of the top orchid vendors in the world. The **Orchid Marketplace™** makes it easy to locate the best vendors of orchid plants, seedlings, supplies, books, greenhouses, cards, fertilizers, watering equipment, potting mixes, lighting setups and other orchid-related products.
- **Big Discounts** (up to 50% off) on AOS publications in the online [shop](#). Members receive discounts on back- issues of ORCHIDS magazine and AOS published books.
- **Reduced processing fees** for AOS-judged awards. Members save \$20 on processing fees for each AOS award they receive.
- **FREE and discounted admission** to nearly 300 Botanical Gardens and Arboreta, (a \$30+ value after just two uses).
With the Reciprocal Garden Admission program, members enjoy free or reduced admission to and discounts at hundreds of gardens, conservatories, and arboreta nationwide.

Please remember:

Set up for the January NJOS show is on January 11, 2024. We have reserved a display area and need to fill it with our lovely, cleaned and groomed plants. If you have already volunteered to assist, a big thank you! This event, which is a premier orchid show for the East Coast, will feature displays from all the orchid societies in our region and is judged by both the NJOS and the AOS. Please help your society compete as a design winner and get your orchids in front of some experts for judging.

Please remember:

Wear your shirts! We are proud of us and want to show off!

Happy Growing,

Anne Skalka, Pres. CJOS

New Meeting Location
Trinity Church 33 Mercer St,
Princeton, NJ 08540-6893

Meetings and Events 2023

Arrive at 6:30.

Meeting will start at 7:00PM

Meetings are held the **Third Thursday** of the month.

September: Greg Griffis
“The Terrific Terrestrials”

October: CJOs Auction

Nov: Kim Feddersen from Fair Orchids

December: Holiday Party

January: Sergey Skoropad

February: TBA

March: William Bodei
Creating beautiful outdoor spaces
where orchids thrive

April: John Bryan

May: Panel of Experts

June: CJOs Picnic

Officers and Committees:

President - Anne Skalka

Vice President – Jaymie Santiago

Treasurer/Membership – Michelle Thomas

Corresponding/Recording Secretary -Tobie Parnett

Editor Newsletter - Ed Frankel
CJOsnewsletter@gmail.com

George Wallace – Web Master

Jeff Tyron – CJOs Photographer

Details (Maps and Pictures) of Meeting Location on Pages 16-19

CJOS Members Show Table

Cattleya

1. Lc. Busy Bev 'Blue Jewel' AM
Jim Murtha.



1. Pot. (Rth).
Patsy Lee Rader

2. Blc. Hawaii Stars 'Pink Lace'
Tobie Parnett.



Dendrobium/Oncidium

1. **Den Hsinying Glomo (mohli anum x glomeratum)**
Robert Billmers



2. **Den. Warawi Red**
Pam & Ed Frankel

Other

1. **Cl. Diane Drisch: (Grace Dunn x trgrinum)**
Rachel Lemcke



Paphs/Phrags

1. **Paph. Spicerianum**
Karen Kennedy



2. **Paph. NOID**
Joe Thomas

3. **Phal. Violacia**
Jim Murtha



Vanda and Phals

1. **Phal. Tetrapsis**
Jeff. Tryon



2. **V. Thai Spots**
Joe. Thomas



3. **Phal. Violacia**
Jim Murtha

Species

1. ***Comparettia speciosa***
Joe Thomas



2. ***Epi. Garciana***
Anne Skalka



3. ***Coel. Rochussenii***
Anne Skalka

Orchid of the Month



Comparettia speciosa
Joe Thomas

Important Show Table information!

A document is attached to the email which sends this newsletter. Now you can fill out your show table card at home. This will save you time and you can hopefully print better (more legibly) for the judges to read and record.

How Do You Grow?

Each month, I would like to show a members growing methods/conditions. Please send me pictures of your growing conditions (summer/winter) CJOSNewsletter@gmail.com. Let's see some pictures of your growing space.

The following is reprinted with permission from Sue Bottom



There are plenty of pesticides and insecticides on the market that you can use as a spray or a drench on your orchids. These are generally offered as fairly concentrated chemicals with lots of recommendations to prevent personal harm during their use. The potential for inhalation and skin exposure is greatest when spraying orchids, so respirators and protective clothing are often recommended. Those chemicals that are xylem mobile in the plant can be used as a drench, where you pour the mixture through the potting media for absorption through the roots. This has a lesser potential for personal exposure, so you may only have to don gloves and boots to protect yourself.

A great alternative to both of these approaches is a granular chemical that can be spread around the top of the potting media as top dressing. When the plant is watered, the chemical is dissolved and carried down to the roots, absorbed, and transported up into the plant through the xylem. These granular chemicals tend to have a much lower concentration of the active ingredient. You can simply wear gloves as you spread the chemical and be protected from ill effects. Another major benefit is the cost, the granular products tend to be much less expensive than their concentrated counterparts.

Here are some granular chemicals you may wish to keep in your arsenal, organized by the type of problem they are designed to fight. (*note: the first number after the trade name is the concentration in weight percent of the active ingredient, and the second number is the formulation: WP-wettable powder, G-granular, SC-suspension concentrate, SG-water soluble granules, SL-soluble concentrate, SP-water soluble powder, WDG-water dispersible granule*).



Mealybugs on Psychopsis flower

Pesticides. Scale is a major pest of cattleyas and phals and paphs are mealybug magnets. There are lots of household cures that can suppress but rarely eliminate these pests. Some effective products containing imidacloprid like the Bayer products and those labelled for Tree and Shrub treatment are available at local nurseries, and the very concentrated products like Merit 75WP (active ingredient imidacloprid) and Safari 20SG (active ingredient dinotefuran) are available at specialty nursery supply stores.

There is a granular product containing 0.5% imidacloprid with trade names Merit 0.5G, Hi Yield Grub Free, Imidacloprid 0.5G and Generic Merit among others, sold in 10 and 30 lb bags. I have been using this product for several years on landscape plants as well as orchids. It is very handy to use as a spot treatment on an infected plant and it is very effective at killing scale.

There is only one systemic miticide, Kontos, and the label says not to use it on orchids. The other miticides are all intended to be sprayed on upper and lower leaf surfaces for best control, although some have the advantage of translaminar activity. At present, there is no granular miticide.



Granular Chemicals

by Sue Bottom, sbottom15@hotmail.com

There is no granular systemic product for thrips, but systemic control of thrips using drenches is possible using products containing the active ingredients acephate (Orthene) and dinotefuran (Safari). Raymond Cloyd's article on [Control of Thrips with Systemic Insecticides](#) suggests that the more water soluble systemics are more rapidly absorbed by the roots and translocated throughout the plant, including the flower buds. We have found Orthene drenches to be very effective at controlling floral damage to Cattleya flowers. We haven't used Safari, which is about half as water soluble as Orthene. Besides flowers, thrips feed on the foliage of soft leaved orchids like Catasetums whereas they don't do much damage to waxy Cattleya leaves. If leaf feeding is a concern in your growing area, you will have to spray insecticides for control rather than rely on drenches.



Anthracnose on stanhopea leaf

Fungicides. There are many granular fungicides on the market, mostly developed for turf grass on golf courses. These often contain the same active ingredients as are found in concentrated products like Heritage, Banner Max II, Insignia, Pageant, Empress Intrinsic, Heritage, and others. Perhaps at some point these products will be labeled for use on ornamentals. For now, there is one product labeled for use on ornamentals (though orchids are not specifically listed, so they presumably were not tested). Fame Granular fungicide contains 0.25% fluoxastrobin, and is reported to be effective for anthracnose, rhizoctonia, sclerotium, fusarium, phytophthora and pythium (as a preventative). Another granular product is 3336DGLite which contains 2.08% thiophanate methyl, the same active ingredient as is found in Cleary's 3336, Thiomyl and Banrot. It is labelled for use in commercial horticultural applications. It is listed as effective for anthracnose and, when incorporated into the potting media as a preventative, for rhizoctonia and fusarium.

I get anthracnose on my thin leaved orchids like stanhopeas and gongoras, so I wanted to try Heritage to see if it would stop the infections. Heritage is a broad spectrum systemic fungicide effective for leaf spotting fungi like anthracnose and the cercosporoids as well as those that cause the stem, bulb and root rots like rhizoctonia, fusarium and sclerotium. I mistakenly ordered Heritage G instead of Heritage SC, the granular rather than the sprayable product. Once I got over being annoyed at my mistake, I thought what a great way to spot treat those stanhopeas. I cut off the infected leaves, sprayed the oxalis, top dressed with a little cypress mulch and some Heritage G before placing them in their winter home. It also should work well for that pesky cercosporoid infection that ruins the leaves on my dendrobiums as well as the occasional anthracnose on cattleyas.

The granular chemicals are a breeze to apply, you simply top dress the pot and water. When you notice a problem, stop and apply the chemical and then continue whatever you were doing. Easy, no elaborate preparations, no suiting up, just sprinkle and go!

References:

Control of Thrips with Systemic Insecticides, Raymond Cloyd, Greenhouse Grower, June 10, 2013, <https://www.greenhousegrower.com/production/insect-control/control-of-thrips-with-systemic-insecticides>

North Jersey Orchid Society
Rutgers University SEBS
Floriculture and Teaching Greenhouse
Annual Show & Sale
January 12-14, 2024

Friday Noon – 5 PM, Saturday 10
AM – 5 PM, Sunday 10 AM – 4 PM

Free Admission & Free Parking
Breathtaking Orchid Displays
World-Renown Vendors
“Ask the Orchid Doctor”

Douglass Student Center,
Rutgers University
100 George Street,
New Brunswick, NJ

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Visit us online at njorchids.org
Contact us at njorchidshow@gmail.com



25TH
ANNIVERSARY

Orchid Show and Sale
February 16th, 17th, 18th



SCAN ME

Don't miss the biggest ORCHID EVENT of the year!

deepcutorchidsociety.org/show



Upcoming Webinars



DRACULA.....Whimsical Monsters of the Orchid World

Tom Etheridge

Thursday, March 16th, 2023
8:30 PM EDT

Join Tom Etheridge, AOS judge and former trustee and officer, as he takes us through the mysterious world of Draculas. See why they are named "Dracula."



AOS Greenhouse Chat with Ron McHatto

Ron McHatto

Tuesday, April 4th, 2023
8:30 - 9:30 pm EST

Q&A. Find answers to questions you did not even know you had.



Heirloom Cattleyas

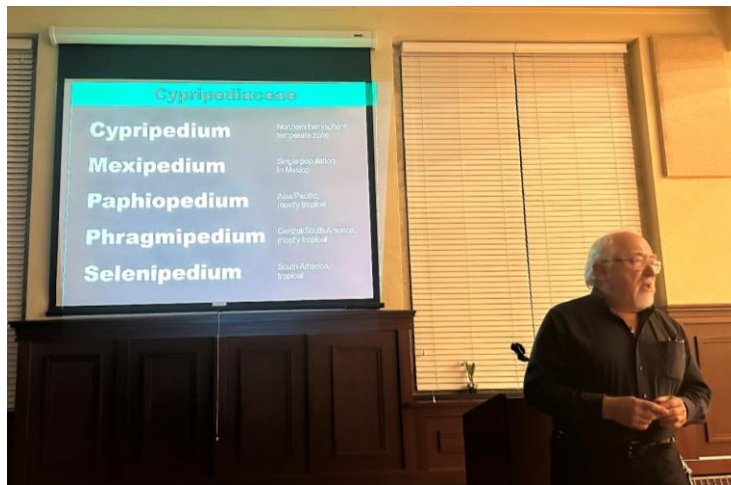
David Toyoshima



Wednesday, April 12th, 2023
8:30 PM-9:30PM EDT

David Toyoshima is a long-time cattleya enthusiast. David will share his fascination about his beloved, heirloom cattleyas and other historically significant orchids.

Go to [AOS.org](https://www.aos.org) for information on orchid culture and care. While you are visting their site, please join AOS. Support this worthy organization.
<https://www.sepos.org/show>

Here are a few Slides from Kim Feddersen (Fair Orchids) November talk



The Slipper Grid			
	LIGHT	TEMP	WATER when
Paphiopedilum			
• Paphiopedilum Single flowered		Interm	Moist
• Sigmatopetalum Maudiae types		Interm+	Moist
• Brachypetalum Succulents, whites		Interm+	DRY
• Parvisepalum Balloon slippers		Varies	Moist
• Cochlopetalum Sequentials		Interm+	Moist
• Polyantha Multi-florals		Interm+	Moist
Mexipedium xerophyticum		Interm+	Moist
Phragmipedium caudatum, sargentianum, longifolium & their hybrids		Interm+	LOTS
Others		Interm+	Stand in H ₂ O

Paph & Phrag culture reqmts

- The most common cultural deficiency, is insufficient water.
- The second most common problem, is incorrect potting depth.
- **My Paph grows fine, but it won't bloom!**

Paph won't bloom




A few hybrids are known to be difficult to bloom (& plants with 'odd' parent combinations might never bloom).

The most common cause, is lack of a **temperature drop** at nights.

Paphs need a 10-15°F temperature drop for 2-3 weeks to initiate buds in the mature fans. They then bloom abt 5 months later.

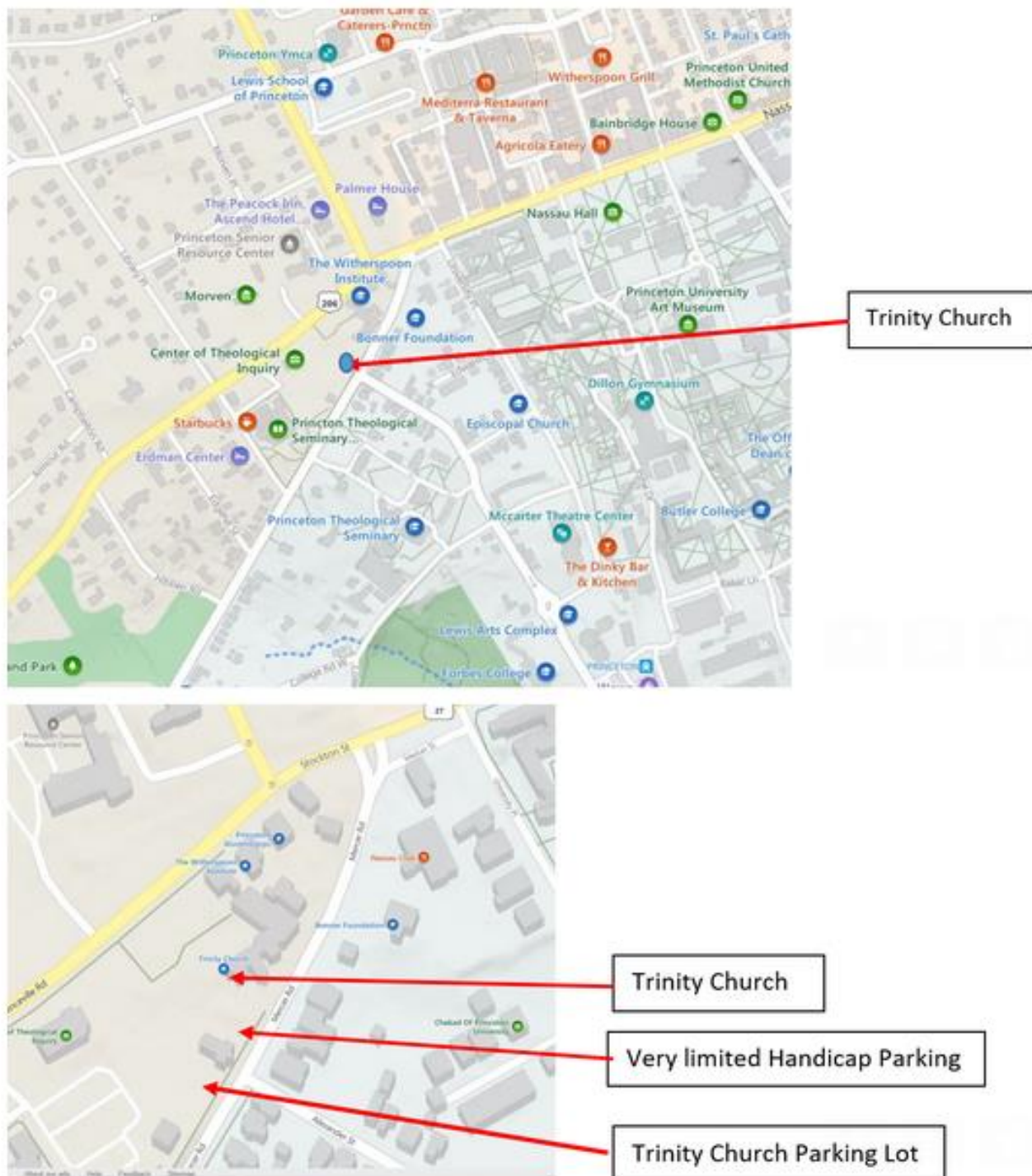
Paphiopedilum insigne

The species most used in breeding:

		
var. mooreanum	var. sanderianum True Alba	var. sanderiae Albescent

Meeting Location Trinity Church 33 Mercer St, Princeton, NJ 08540-6893 (using 47 Mercer St for GPS may pinpoint the parking lot better)

Here are some map locations and pictures (next few pages) to help find the new location. Here is one of the easiest ways to pin point the new meeting location: It is almost directly opposite Alexander Rd. Since it will probably be dark, I have included a few night time pictures of the meeting location.





Church Entrance

Church Parking Lot



Church Entrance

Night Time pictures of meeting location



This view is looking south on Mercer St (away from downtown Princeton) note the crosswalk just before the entrance to the Parking lot.



This view is looking north on Mercer St (toward downtown Princeton)



This view is in the parking lot facing toward the meeting entrance door.

This view is the door (the one that is brightly lit, straight ahead) for the meeting entrance

