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BCOS Meeting and Program Thursday, October 17, 2024 Regular Meeting 7:30pm

Churchville Nature Center
501 Churchville Lane
Churchville, PA 18966
Show Table Setup-7:00 p.m.

Program:

Novelty Cattleyas

This is a recorded webinar from the *AOS* website.

Learn about what used to be called, "Novelty Cattleyas." Fred Clarke will explain what parents are best used to create fanciful spotted and splash-petal cattleya hybrids. Also the growing, watering and lighting conditions for cattleyas will be discussed as well as the optimum time and technique for repotting.

In addition, there will be more plants for sale/auction... leftover from September, and more divisions and repotting as time allows.

There will be a show table so bring your blooming orchids for our in-house judging.



Bud Blast- When Good Orchid Buds Turn Bad

By Susan Jones originally appearing in Orchids magazine July 2003

It can be heartbreaking to watch helplessly as long-awaited orchid buds brown, die and drop instead of becoming those much-anticipated flowers. Bud blast, when buds wither and fall from an otherwise healthy plant, may occur through any of a number of causes. Buds are the most sensitive part of an orchid, and are easily affected by unsuitable conditions in the growing environment. Cattleyas, phalaenopsis and dendrobiums seem particularly susceptible to this problem. The most frequent reasons for this are as follows:

WATER Under- or overwatering is a common cause of bud blast. If a plant becomes too dry, it may withdraw moisture from buds as a survival mechanism. Overwatering can damage the orchid's root system, with the end result being a lack of water to the plant. As with under watering, when the plant is unable to absorb sufficient quantities of water, it will withdraw water from the buds, bringing about their demise. Budding Cattleyas are particularly sensitive to overwatering, which can cause buds to blacken and die while still in their sheath. Water that is allowed to sit on buds or in bud sheaths provides the perfect environment for fungi and bacterial growth, generating rots that will blast buds. Watering with cold water can shock a plant, causing bud drop.

TEMPERATURE Temperature extremes or rapid temperature changes are often a culprit in bud blast. If a budding orchid receives drafts from a window, an air conditioning or heating vent, or even a rush of air from a hot oven, it may drop buds. Similarly, buds may blast when exposed to temperature fluctuations that occur when taking a plant in from the car or outside during hot or cold weather, bringing plants back into a heated house after a summer outdoors, or temperature extremes caused by running heating or air conditioning for only part of the day.

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SHOWTABLE AWARDS - September, 2024

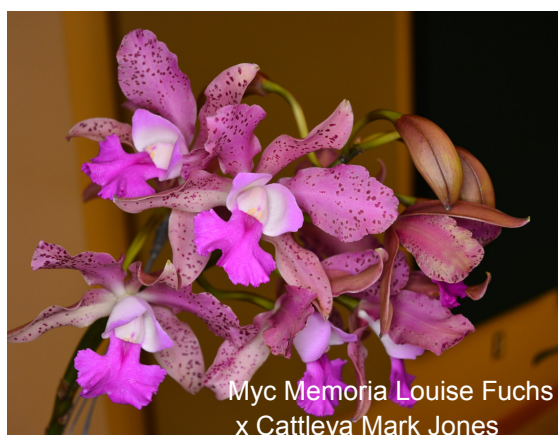
Windowsill Growers

	Genus	Species	Clone	Grower
Cattleya				
1st	Cattleya	harrisoniana		Carl Gustafson
2nd	Bc.	Sunset Glory		David Carrick
Dendrobium				
1st	Dendrobium	Enobi Purple	Splash	Jean Norton
2nd	Dendrobium	No Id		Richard Kaplinski
Paphiopedilum				
1st	Paphiopedilum	concolor		Carl Gustafson
Phalaenopsis				
1st	Phalaenopsis	Fintje Kunriawati		Sandy Kern
Pleurothallis				
1st	Masdevallia	nidifica		Carl Gustafson



Greenhouse Growers

	Genus	Species	Clone	Grower
Cattleya				
1st	Myrmecocattleya	Myc Memoria Louise Fuchs x Cattleya Mark Jones		Chuck Keiser
Vanda				
1st	No ID			Chuck Keiser



The Bucks County Orchid Society

OFFICERS

Sandy Kern <i>President</i>	Jean Norton <i>Vice President</i>
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Chuck Keiser <i>Treasurer</i>	Open <i>Secretary</i>
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Richard Kaplinski <i>Newsletter Editor</i>	Carl Gustafson <i>Awards Coordinator</i>
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Meetings are held 7:30 pm on the third Thursday of each month (**except July and August**) at the Churchville Nature Center, 501 Churchville Lane, Churchville, PA 18966

Other Societies and Vendors:

A list of other societies and vendors is now exclusively available on the BCOS website.

<http://041d544.netsolhost.com/WordPress/library/other-orchid-groups/> for other societies and

<http://041d544.netsolhost.com/WordPress/library/local-vendors/> for vendors.

EDITOR'S NOTE – Contributions to the newsletter will be greatly appreciated. Please submit relevant news, photos, awards or information relating to the Society, its members, the care and culture of orchids to the Editor at kaplrs@comcast.net Also submit orchids and orchid related items for sale. Please submit your copy by the first day of the month.



Bud Blast - Continued from page 1

ATMOSPHERE Orchid buds are sensitive to fumes from paint, natural gas leaks and other chemicals. Once pollinated, flowers generate methane gas, causing them to collapse and saving energy for seed production. Methane or ethylene gas from other sources may also trigger bud or flower collapse. Ethylene gas given off by ripening fruit; gas leaks; inefficient burning of gas stoves or heaters; engine exhaust; cigarette, cigar or pipe smoke; open fires; smog or air pollution can also cause bud blast and age and distort open flowers.

LIGHT If lighting available to its developing buds is inadequate, an orchid won't flower properly. Low lighting can cause buds to abort. Too much lighting may also cause trouble; direct sunlight on developing buds can overheat and desiccate them, leading to bud blast.

CHEMICAL DAMAGE Fertilizer, fungicide or pesticide applied at dosages above a plant's tolerance or in a manner inconsistent with manufacturer's instructions may damage buds, causing them to drop.

HUMIDITY Developing buds need high humidity. If their environment is too dry, or the ambient humidity fluctuates a great deal, buds may be adversely affected and drop.

INSECTS Aphids and thrips can cause bud blast. These insects feed on flowers and flower buds, sucking the plant juices. The buds of infested plants fail to develop properly, dropping from the plant or opening to damaged and disfigured flowers. Thrips can be controlled using Diazinon or Malathion. Aphid control often involves not only eliminating the aphids themselves, but also the ants that farm them. Insecticidal sprays and sugar-based ant baits are recommended. For a few aphids, dab with a cotton swab soaked in rubbing alcohol. Other means of control include insecticidal soaps, horticultural oils (Neem or Sunspray), growth regulators and chitin inhibitors (Enstar II), Pyrethrum-based insecticidal sprays, stronger insecticides (Malathion), and systemic insecticides (Orthene, Shield). Repeat any treatment method twice after the initial application at seven- to 10-day intervals to kill successive generations. Test new controls on a small population of plants before widespread use. When using insecticides, check labels to be certain the insecticide works against the particular pest and that it is approved for use on orchids. Always use any chemical in strict accordance with manufacturer's instructions. (Please note that the AOS does not endorse the use of any specific chemical agents. If you choose to follow recommendations given by a contributor make sure to adhere to all local, state and federal laws in the use of these agents. Take the time to learn how to use them safely and follow manufacturers usage instructions.)

GENETICS Occasionally, even under perfect cultural conditions, an orchid will continually abort buds. There may be a genetic mutation responsible for its inability to produce viable blooms, in which case the plant should be discarded.

DAVE OFF'S PLANT

YARD SALE

YOU'RE INVITED TO DAVE'S
ANNUAL PLANT YARD SALE!



Date: October 19



Time: 10 AM - 3 PM



Over 200 Plants!

Check out these exciting plants on offer:

- **Cattleya Select Divisions** – Hand-picked beauties!
- **Species Seedlings** – Start your collection from the roots!
- **Hybrids** – The best of both worlds, ready to thrive in your garden!

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OCTOBER

174 SCHOOL HOUSE RD.

EHT, NJ 08234



SOUTHEASTERN PENNSYLVANIA
ORCHID SOCIETY

AUCTION

WEDNESDAY, NOVEMBER 13TH

PREVIEW BEGINS 7PM
AUCTION BEGINS 8PM

Plant List and Absentee Bid form to be distributed prior to the auction!

First United Methodist Church of Phoenixville
865 S. Main Street, Phoenixville, PA 19460

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