



# The Greater Cincinnati Orchid Society

<https://cincinnatiorchids.org>

## September 2020 Newsletter

The Greater Cincinnati Orchid Society hopes everyone is staying healthy. Be sure to catch all the changes to our activities as we social distance. While we normally meet at the Civic Garden Center, we plan, at present, to meet online with Zoom. We will be emailing Zoom meeting information for our society and for other societies as they offer their meetings to our members. We are also sharing members' orchids with an online Show-and-Tell.



© Richard Noel

Dendrobium Bruce Gordon 'Jane H Jones' HCC/AOS. Awarded at the judging center January 15, 2020. Photo by Rick Noel

### President's Note

Greetings

Hope your summer has been going as well as can be under the circumstances. Getting back to normal seems to be a never-ending process with bumps in the road. We continue to make the best of it with the internet and by phone to sustain our orchid interests and stay in contact with the many friends we have made through our society.

During the summer heat damage can affect your orchids. Is your plant showing the common signs of heat damage?

## **Signs of Heat Stress and Damage**

Your orchids will let you know if there is a problem. Signs of heat stress and subsequent damage.

- Freckles
- Red or purple tint
- Withering of leaves or flowers.

Much like us, an orchid can burn, and it will show immediate signs of it. If you see any red or purple on the leaves, then your orchid was likely burned. However, even if you don't notice any immediate symptoms, that does not mean that your orchid was not damaged. Other symptoms of a heat stressed or damaged orchid that may show up within 24-48 hours after exposure are:

- Yellowing leaves and/or stems
- Withering leaves
- Brown leaf tips and roots
- Bud blasting (loss of buds)
- Flowers dropping prematurely
- Withered pseudobulbs

Browned and burned roots in combination with the dried up pseudobulbs means that your poor orchid has little to no chance of recovery because the pseudobulbs are the moisture reserves. Extreme heat exposure will drain the moisture reserves of the pseudobulbs.

## **Heat Damaged Orchid Rescue**

Most people have an immediate response to over water anything that is dehydrated. Unfortunately, like most things, orchids can only absorb so much water at one time. This means that if you were to pour in copious amounts of water to "help" the heat damaged plant, then you can cause even more problems associated with overwatering – mainly root rot. Steps to help begin the recovery process for your plant:

1. Immediately remove the orchid from the sun/heat and place it in a cool area with plenty of ventilation.
2. Assess the damage to the plant and look for leaves and blooms that are heavily affected. If there are areas that are completely damaged, remove them and the blooms to prevent the orchid from spending unnecessary resources on them and focusing more on the rest of the plant.
3. If there are exposed roots that are severely damaged and burned from the sun, cut them as well. Your orchid will likely go into shock from the dehydration alone as well as the trimming of roots but preventing root rot is essential.
4. Avoid fertilizers for a few months. If your orchid has been burned, putting chemicals and fertilizers on it may only increase the damage. This is a common mistake and should be avoided on burned or sun damaged orchids.
5. Water the orchid normal amounts, but slightly more frequently. Check the moisture levels in your moss to ensure that it is being properly soaked up and no rot is setting in.

Sometimes it may be necessary to cut back the orchid completely and leave just the stem and roots. This should only be done in the event of severe sun damage and dehydration. Once you have determined that all significant damage has been removed from the plant, you should look for a snug clay pot for your orchid to replant it. Use plenty of long strand sphagnum moss that has been soaked the previous night and make sure that it is kept in a well-ventilated area to prevent water retention and further damage.

With luck, your orchid should grow back. Avoid fertilizers for a few weeks until you see regrowth. Once you have determined that your repotting is successful and that the orchid is growing, you can use diluted fertilizers to aid it until it has made a full recovery.

Also keep an eye open for pests or viruses because they are more susceptible after a trauma like heat exposure.

### **Orchid Types and Heat Damage**

Some varieties of orchids react more strongly to heat than others, like mounted orchids. These orchids are highly sensitive to heat because they lack the protective pot and extensive moss that helps keep the roots safe in potted variants. Expect more frequent watering for mounted orchids and expect more root damage in the event of these orchids being left in the sun for too long. Since the roots are completely exposed, a mounted orchid can have its entire root system irreparably destroyed by the sun thanks to the lack of protection

Please read the upcoming newsletters, emails and website for society updates. Let's hope we get back to normal ASAP. Until next time, Happy Orchid Growing and Good Health.

### **September Meeting Zoom Tuesday September 1 6:30 pm**

The speaker for Tuesday's meeting is Edgar Stehli of Windswept in Time Orchids  
<https://windsweptorchids.com>

He will be speaking on Miniature Orchids.

The meeting will begin at 6:30 with a short business meeting and time for questions. Edgar's talk will start at 7:00 pm. After the talk we will auction selected orchids from Edgar (listed below). Plants are photos from Edgar. When the plant is not in bloom, the bloom photos are from the internet.

The bloom photo for *Bulbophyllum medusa* 'Windswept's Whimiscal Hair' is the award photo for Edgar's plant.

We will have a plant list for orders and will pick up the auction flowers and ordered flowers and bring back to Cincinnati.

Auction plant #1.

**Ascocenda Kalapana Delight 'Sunrise'**

This is the first of nine Ascocenda Kalapana Delight 'Sunrise' This is a small plant with only three blooms this go around, but given good conditions, this plant can bloom several times per year.



Auction plant #2.

***Bulbophyllum medusa* 'Windswept's Whimsical Hair' CCM/A0S**

This is a division of our plant awarded at the MAOC in Dayton held a few years ago in the art museum.



Auction plant #3

*Brassavola grandiflora*

This plant is a division of the plant I often enter in our exhibit at the GCOS show. The mother plant has won many trophy ribbons at the shows. Plant and flowers are larger than *B. nodosa*, but carry that wonderful evening fragrance.



Auction plant #4

*Haraella retrocalla*

This wonderful mini is in bud right now but blooms frequently throughout the year. The bright yellow flowers with their purplish markings are very eye-catching.



Auction plant #5

*Angraecum didieri*

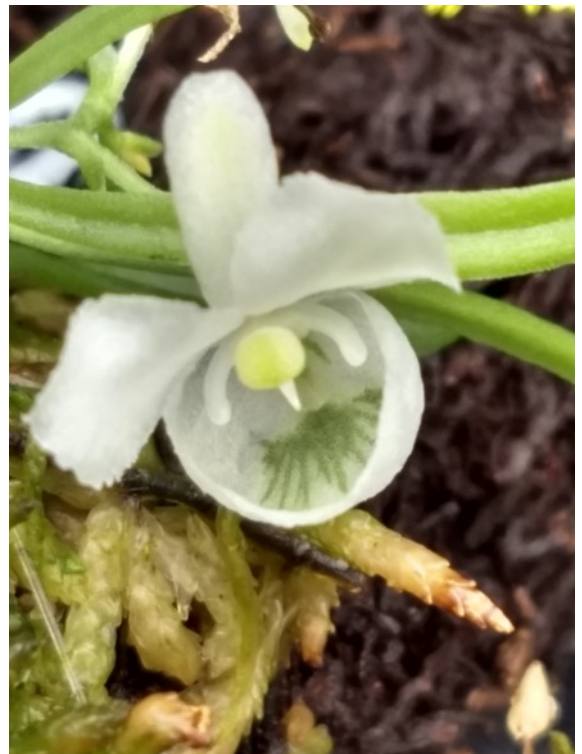
Another miniature orchid that should be in everyone's collection. The nearly silver dollar sized white flowers carry a wonderful evening fragrance and sport a four to five-inch-long nectary.



Auction plant #6

*Centroglossa macroceras*

Another miniature orchid sporting beautiful, long lasting flowers. The plants seem to be warm tolerant. Removed from flask in January, many are in bloom now. The flowers can last for months.



Auction plant #7

*Aerangis luteo-alba*

One of my favorites in the Angraecum group. The plant likes the same conditions as Phalaenopsis, lower light, plenty of water food and air movement. The plants usually produce multiple inflorescence with that beautiful red column in the center of the white, quarter sized flowers. The plant will form a clump of 'pup' plants as it matures.



Auction plant #8

*Angraecum equitans*

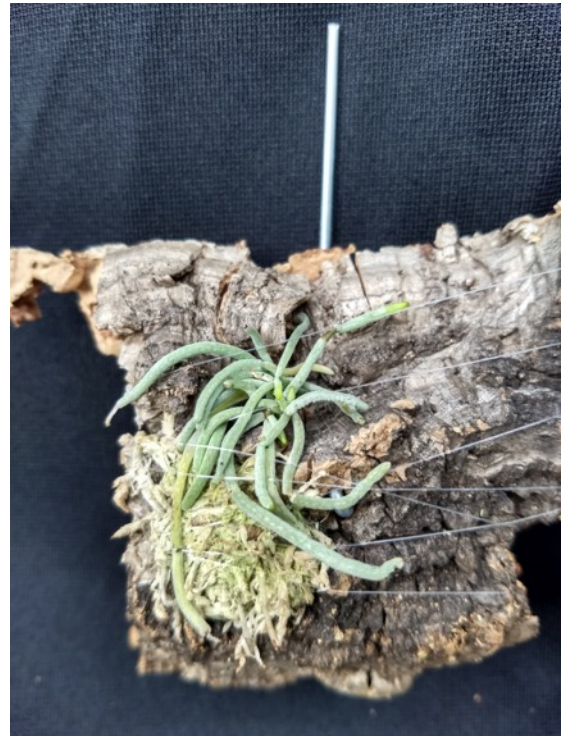
A cool loving miniature with beautiful glossy foliage. Blooming size.



Auction plant #9

*Dendrophylax sallei* x *lindenii*

This plant is so small it doesn't even have leaves!  
This is a seedling and needs to grow for a few years  
before it will bloom. Both species have similar  
flowers, but the hybrid seems to have "hybrid-vigor".  
A must have for the orchid addict 😊.



## GCOS Remembrance

GCOS member Dr. William Robert Meyers, husband of Pat O'Connor died on August 22, 2020 after a long illness. His obituary can be found at:

<https://www.legacy.com/obituaries/cincinnati/obituary.aspx?n=william-robert-meyers&pid=196703129>

Our thoughts and prayers are with Pat and Bill's family.

## GCOS Fall Show and Vendors Day have been Canceled

We are sorry to have to cancel. Hope everyone stays safe. We will continue to email orchid vendors sales and information.

## GCOS Zoom Meetings

**September 1:** Edgar Stehli of Windswept in Time "Miniature Orchids" You will be able to preorder plants and Edgar will have plants to auction. We will arrange a location to pick up ordered plants.

**October 6:** To Be Announced

**November 3:** Kristen Uthus of New World Orchids



## **December 1: Our Zoom Christmas Party**

### **GCOS Board**

Next year two Director positions will be open. This is a great opportunity to learn more about the society, to bring fresh ideas to our group, and to help strengthen and grow our society. If you would be interested in a position either next year or in the future, please contact.

The next Zoom board meeting will be 7:00 pm Tuesday, September 29

### **GCOS Membership 2021**

Because of the effects on finances of many people as a result of the pandemic and loss of employment, GCOS is extending the membership of those who joined GCOS at the Spring Show for the 2021 season. We are also willing to waive fees for members next year if needed. We are encouraging those who can afford it to continue to financially support GCOS. All will need to complete the membership application for 2021. It will be available online later this year.

### **Your Orchid Photos on Our Web**

If you want to send to send your photos with a short description and the name of the plant and your name to Laura McFarland [laura.mcfarland.94@gmail.com](mailto:laura.mcfarland.94@gmail.com).

### **Orchid of the Month**



## **Barkeria ([bar-KER-ee-ah](#)) spectabilis**

(click on link above for pronunciation)

Known as The Showy Barkeria.

The genus *Barkeria* is in the Cattleya Alliance and closely related to Epidendrum. This genus, first described in 1838, honors George Barker of England, who imported and flowered the first plant from Mexico. *Barkeria spectabilis* has been awarded 14 times and used in creating 14 registered crosses.

*Barkeria spectabilis* is an epiphytic or lithophilic cool to cold growing small sized orchid species that is native to Mexico, Guatemala, El Salvador and Nicaragua at 4900 to 6550 ft. elevations. Usually found growing on oak trees on the Pacific slopes from the State of Chiapas in southern Mexico southward into Central America. Typical habitat is in forests under bright light conditions (2500-4000-foot candles during summer months). They usually grow on tree or shrub branches and prefer moist conditions for good growth.

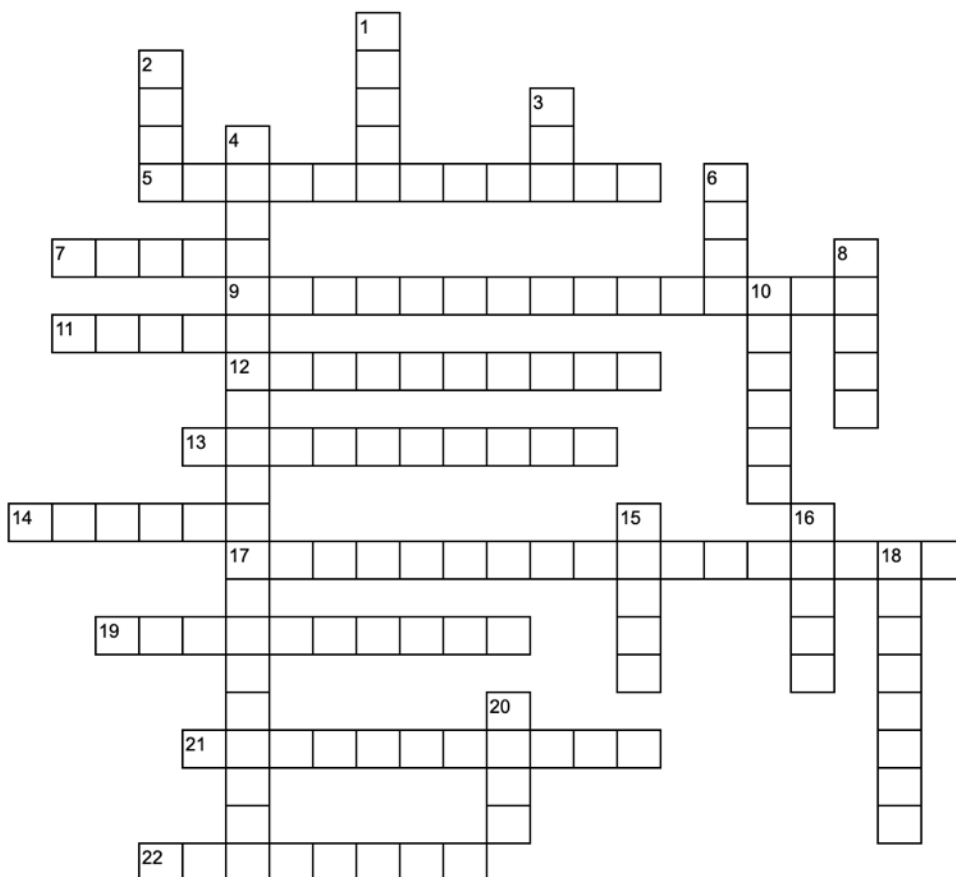
There are up 15 or more very showy long-lasting, nodding blossoms on an inflorescence. Flowers are 1.6" to 3" with pale lilac with red-purple spots on the lip that open in succession and blooms during the summer. Erect spindle-shaped pseudobulbs are 2" to 6" long.

*Barkeria spectabilis* is usually grown mounted to wood branches or other suitable substrate with sphagnum moss between its flattened roots and the substrate. They are typically not happy in a pot. Summer temperatures on average range from 54-72°F and 47-66°F during the winter. Plenty of air movement is required. Watering frequency will depend on how it is grown. Mounted plants may need watering daily to every third day with some influence from temperature levels. Water should be reduced when leaves drop (deciduous) during the winter months with active watering resuming during the spring when new growth appears. Relative humidity should be between 75-80% depending on the time of year. Spanish moss may be draped over roots to help retain moisture for absorption.

Happy Growing

John Jaworski

## September Orchid Puzzle of the Month by Roger Miller



### Across

- 5 moth orchid  
 7 offshoot from some monopodials  
 9 Brazilian treasure  
 11 easily lost identifier  
 12 orchid-less continent  
 13 carnivorous fungus gnat grabber  
 14 orchid seedling nursery?  
 17 'clamshell' orchid  
 19 upside down  
 21 prominent red contributor to Cattleya hybrids  
 22 four Oncidium alliance members make this up

### Down

- 1 orchid pest  
 2 processed for growth enhancement  
 3 close to blooming size  
 4 cocoanut aroma maker  
 6 orchid medium  
 8 flour from some *Orchis* species for desserts, beverages, drugs  
 10 orchid rich S.A. region  
 15 Fla. *Vanda* grower  
 16 like surname in humans  
 18 Caribbean twig dwellers  
 20 rarely exhibited by orchids

# July Orchid Puzzle of the Month Answers

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	
1	C	A					D	I	S	T	I	C	H	A	A	I	T	E	N	I	F	O	E	N		A	B	C	M	
2	E	A	O	P		S		R	H	Y	N	C	H	O	S	T	E	L	E	H	A	L		I	E	O	U			
3	N		T	L	L	D	I	A		S	N	A	C	I	D	A	R		A	A	E	P	I		L	L	R	I		
4	T		T	U	E	I	R	R	E	S	T	R	E	P	I	A	I		B	C	I		N	L	L	Y	N			
5	R		L	L	G	U	C	E	C	H	I	N	A	T	A	L		E	A	L		E	D		A	I	O	I		
6	O		I	O	E	R	R	H	I	O				E	N	L	E		T	N	E	C	V	N	P	L				
7	L	R	R	V	A	N	D	A	S	T	E	I	H	L		R	I	T		A	C		Y	I	P	D	R	T	O	
8	O	A	A	A	E		O	I	S	U	H	A	D	I	I	V	U	H	C	X	H	A	C	I	R	S	O	A	R	
9	S	S	S	N	C	E	P	T	G	I	I	A		A	L	M		Y	S	I	I	S	L		I	A	L	L	C	
10	S	S	S	I	N	A	H		S	E	L	A	L		L	U	L	G	I	L	L	O	I		P	M	O	U	A	
11	A	O	A	L	E	E	R			S	E	H	L		B	S	R	S	L	L	N	A		E	O	C	M	M		
12	C	V	L	R	L	A	L	A		I	T	P	I		A	O	N	A	E	E	S	H	D	D	I		E			
13	A	O	A	W	L	G	E	N		V	I	S		S	M	C	E	R	R	V	T	N	I	E	B		D			
14	T	L	E	A	I	M	U	I	D	I	B	M	Y	C	P	U	H	N	I	I	N	R	A	U	S					
15	B	A	A	R	L	V	I	C	L	R	O	O		I	I	L	I	A	A	W	I	R	M	T	M	V	O			
16	U	N	E	A	E	R	P	O	L	A	L	X	I	M	I	R	I	L	S	E	N	I	A	N		A	U	A	C	
17	L	T	S	N	P	E	E	P	E	C	A	A	B	U	G	A	D	A		A	L	T	A		I	L	A			
18	B	H	O	G	A	K	D	H	B	U	C	L	O	E	N	N	E	H	T		H	A	K		D	I	L			
19	O	E	R	I	N	N	I	A		L	E	L	R	V	I	T	P	H	A	L	A	E	N	O	P	S	I	S	C	
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24	L				A	E	H	C	E	H	T	S	O	R	P	A		A	I	L	A	N	I	P		S				
25	U				D	I	L	L	A	H	T	O	R	U	E	L	P		C	E	N	T	I	P	E	D	A			
26	M	U	T	E	S	A	T	A	C	F	I	N	L	E	Y	I	U		Y	V		I		P	L	I	T			
27	C	Y	L	I	N	D	R	O	C	H	I	L	U	S		S		P	V		A	K		I	Z	E	N	C		
28	G	O	R		E	L	A	D	E	P	I	U	Q	S	E	S	R		I		S	D	A	Y	P	E	I			
29	I	E	B	O		S	I	S	P	O	I	N	O	T	L	I	M		S		E	A	L	G	H	M	T			
30	G	A	B	L			L		D	L	O	P		I		N	T	I	O	A	A	S								
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32	N	A	I	C		S	N	I	I	A	O	U	A	D		M	U		R		T	H	E	T	S	D				
33	T	I		I	Y	A	I	P	C	T	M	R	I		U	L		U		S	C	T	I	E	O					
34	E	R		R		M	S	U	N	N	A	U		T	C	R	E	M	A	S	T	R	A	I	O	E	N	H	H	
35	A	T	H	T	I	A	V	O	I	E	M	U	C	E	A	R	G	N	A			R	H	L	U	T	R			
36	P		L	R	A	D	A	W		M	U	L	I	H	C	O	R	T	P	Y	L	A	C	T	U	M	S			
37	O		H	T	L	O		O		D		A	N	G	R	A	E	C	O	P	S	I	S	N	M	O				
38	C	E	I		H			D	I	A	P	H	A	N	A	N	T	H	E			A		R						
39	S	T	A	N	H	O	P	E	A	M	U	N	A	I	D	L	I	H	C	S	H	T	O	R	X					
40																														

## GCOS Social Media

GCOS Facebook Group

<https://www.facebook.com/groups/687922501752919/>

GCOS Facebook Page

[https://www.facebook.com/search/top/?q=greater%20cincinnati%20orchid%20society&epa=SEARCH\\_BOX](https://www.facebook.com/search/top/?q=greater%20cincinnati%20orchid%20society&epa=SEARCH_BOX)

## Greater Cincinnati Orchid Society Board of Directors

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Contact us at [info@cincinnatiorchids.org](mailto:info@cincinnatiorchids.org)