



The Orchid Society of the Triangle (Durham, Raleigh, Chapel Hill) and surrounding area of North Carolina
Associated with Sarah P. Duke Gardens

Orchidaceae

Monthly Newsletter of the Triangle Orchid Society

March 2017

Steve Arthur:

Orchid Viruses- What You Need to Know

March 13, 2017, 7:30 PM

Steve Arthur is a scientist. He worked for the Medical College of Georgia in Augusta and with the Department of Veteran's Affairs for thirteen years, doing research on animal tissue culture. More recently he taught middle school science for eight years in a private Catholic school, also in Augusta. He and his wife live in Graniteville, SC and have two grown daughters.

Steve began growing orchids over thirty years ago. His current greenhouse covers 10,000 square feet of growing area. He grows a "mishmash" of things, but tends to focus on cattleyas. He has been making crosses for years. He has a lab in his greenhouse and does contract seed harvesting and sowing for other nurseries.

Steve is also closely affiliated with Carter & Holmes and manages their lab. He frequently sells plants for them. Steve is an AOS judge and has travelled extensively throughout Central and South America. The entry to Steve's greenhouse is a large meeting room where his local orchid society meets, and where he conducts classes on growing orchids.

This meeting room is also home to sixteen birds – mostly Macaws, but also Yellow Winged Parrots and Quaker Parrots. He purchased all of the birds at orchid shows.

Steve Will be Selling Orchids!

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www.triangleorchidsociety.org

The Triangle
Orchid Society
meets at the
Sarah P. Duke Gardens
420 Anderson St.
Durham, NC
The Second Monday of the
Month
at 7:30 pm

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Triangle Orchid Society Meeting Summary

February 13, 2017

At our February meeting, we had a very informative presentation on bulbophyllums by local TOS Board member and AOS judge Sarah Patterson, see page 5 for a brief summary. The total attendance was 52 and at least 6 guests were present.

Volunteers for this meeting:

Welcome Table: Ariel Zelaya

Raffle and Sales Table: Axel Elling, Nancy Harvey

Lights and Stands: Sidney Cox, Dan Schilling

Others: Ralph Belk

Show Table Discussions: James Curtis and Charles Walker

The Jack Webster Awards:

Greenhouse Awards

1st Place: ***Lycaste Abou First Spring***, grown by Nancy Harvey

2nd Place: ***Scuticaria salesiana***, grown by Pei-fen Liu

3rd Place: ***Cattleya Royal Beau 'Hihimanu'***,
grown by James Curtis

Non-Greenhouse Awards

1st Place: ***Ceratocentron fessellii***, grown by Charles Walker

2nd Place: ***Bardendrum Nanboh Pixy 'Cherry Moon' HCC/AOS***,
grown by Sarah Patterson

3rd Place: ***Paphiopedilum Hawaiian Contrasts***,
grown by Sidney Cox

Meeting Summary was submitted by Sidney Cox.

**February 2017
Jack Webster Awards
Greenhouse Grown**

**1st Place: *Lycaste Abou First Spring*,
grown by Nancy Harvey**



**2nd Place: *Scuticaria salesiana*,
grown by Pei-Fen Liu**



**3rd Place: *C. Royal Beau 'Hihimanu'*,
grown by James Curtis**

February 2017

**Jack Webster Awards
Non-Greenhouse Grown**

**1st Place: *Ceratocentron fessellii*,
grown by Charles Walker**



**2nd Place : *Bardendrum Nanboh*
Pixy 'Cherry Moon' HCC/AOS,
grown by Sarah Patterson**

**3rd Place: *Paph.* Hawaiian Contrasts,
grown by Sidney Cox**





***Bulbophyllums* – a Bizarre and Diverse Genus**

By Sarah Patterson

Pronounced as: “bulb-oh-FILL-um”

Bulbophyllum is a pantropical genus – meaning they come from tropical regions all around the globe. Their center of diversity is in the mountainous forests of Papua New Guinea, where there are over 600 species. *Bulbophyllum* may be one of the most numerous orchid genera, with more than 2,000 species and new ones being discovered every year.

Cirrhopetalum, *Megaclinium*, *Mastigon*, and other related genera have all been lumped by taxonomists into *Bulbophyllum* – at least for now. This means there are around 120 sections and sub-genera – with a huge variety of forms. Names can sometimes be a little confusing, since more than one name may be used for a single species.

Bulbophyllums are generally grouped together based on some shared plant characteristics. For starters, they have a single pseudobulb growing on a sympodial creeping rhizome. The inflorescence emerges from the base of the pseudobulb and typically is either upright or arched and pendulous. The flower’s lip is hinged at the column, allowing the lip to wiggle and move with the breeze or even a slight touch. Most are small to medium plants, though some are micro-minis and others relatively large. They are mostly epiphytes with a few occasional lithophytes.

When the topic of *Bulbophyllums* arises, typically people think of fragrance – more specifically, a foul fragrance. Though some species mimic the smells of pretty awful things (carrion, animal dung), others have a less offensive odor (plant sap, fungus, overripe fruit) or even a pleasant one (floral, sweet). Many species do not have a smell that carries very far from the flower, so you really won’t notice them unless you get near and have a sniff.

Most are warm growing, preferring a night minimum of 65°F in the winter and are quite happy with summer highs around 90°F or even a little higher. Many will grow nearly year-round when given these warmer conditions. Most prefer medium intensity light – look up where they grow to get a better idea of their light requirements. Understory plants need less, and upper canopy plants need more. If the plant has dark leaves and doesn’t bloom, you may want to increase light. Conversely, if they are extremely light green or get sunburned, then reduce the light.

Most *Bulbophyllums* prefer high humidity, around 60% or higher, and good air movement. They also like consistent moisture, drying out for only a short time. They have shallow root systems, so they do not need deep pots. The roots are also thin and wiry, so be careful when repotting and be mindful to not let them dry out for too long. They tend to be pretty adaptable to growing conditions, as long as you are able to water them enough. Mounting, growing in baskets, on tree fern, and in regular pots are all acceptable options. If growing indoors, sometimes top-dressing your pots with a little sphagnum can help retain moisture longer around the roots.

To learn more, a good book on this genus is *Bulbophyllums and their Allies – A Grower’s Guide* by Emly S. Siegerist (Timber Press, 2001). Also, if you want a quick reference on a species, look it up in the Internet Orchid Species Photo Encyclopedia (<http://www.orchidspecies.com>).

(Sarah described 34 different species in her talk!)

South Carolina Orchid Society 2017 Show Results

Registration: Sarah Patterson

Design: Sarah Patterson and Nancy Harvey

Transport and Set Up Exhibit: Karen Palmer and Nancy Harvey

Take Down Exhibit and Transport Home: Harry and Suzi Gallis

Exhibitor Plant Name Place

Triangle OS Exhibit #8		2nd
Bob Davidson	<i>Oncostele Succubus</i>	1st, Best of Class
	<i>Rhyncholaeliocattleya Sunday x Rhyncattleanthe Free Spirit</i>	
	<i>Phalaenopsis</i> (Brother Lawrence x Yellow Brite Lites)	2nd
Harry Gallis	<i>Phalaenopsis</i> DeLeon's 'White Superstar'	2nd
	<i>Paphiopedilum</i> Saint Swithin	3rd
Paul Welty	<i>Comparettia macroplectron</i>	2nd
	<i>Trichopilia suavis</i>	1st
	<i>Prosthechea garciana</i>	1st
James Curtis	<i>Cattleya walkeriana</i> 'Kenny' FCC/AOS	3rd
	<i>Cattleya</i> Royal Beau 'Hihimanu' AM/AOS	1st
	<i>Cattleya lueddemanniana</i>	
	<i>Laelia harpophylla</i>	
Sara Gallis	<i>Dendrobium</i> Gloucester Sands	1st
Elena Turner	<i>Masdevallia</i> Whiskers	2nd
	<i>Cattleya</i> (Pink Doll x Pole-Star)	3rd
	<i>Cattlianthe</i> Rajah's Ruby 'Sweetheart'	
Sarah Patterson	<i>Stenosarcos</i> Vanguard 'Red Stripe'	
	<i>Bardendrum</i> Nanboh Pixy 'Cherry Moon' HCC/AOS	1st
Nancy Harvey	<i>Lycaste</i> Abou First Spring '#1'	1st



Virginia Orchid Society 2017 Show Results

Registration: Sarah Patterson

Design: Sarah Patterson and Nancy Harvey

Transport and Set Up Exhibit: Nancy and Robert Harvey

Take Down Exhibit and Transport Home: Kelly Nipp and Steven McAllister

Triangle Orchid Society 5-ft round table exhibit (1st), visiting society (3rd), all exhibits (HM)

Bob Davidson	<i>Oncostele Succubus</i>	1st, Best of Class
	<i>Rhyncholaeliocattleya Sunday x Rhyncattleanthe Free Spirit</i>	
	<i>Phalaenopsis</i> (Brother Lawrence x Yellow Brite Lites)	
	<i>Phalaenopsis Benedict Masson</i>	3rd
	<i>Paphiopedilum Fairre Helen</i>	1st
	<i>Brassidium Jerry 'Pacific Empire'</i>	3rd
	<i>Rhyncattleanthe Bouton D'or 'Lewis' AM/AOS</i>	3rd
Harry Gallis	<i>Phalaenopsis DeLeon's 'White Superstar'</i>	2nd
	<i>Paphiopedilum Saint Swithin</i>	
	<i>Dendrobium</i> (Hawaiian Mini Stripe x Blue Twinkle)	2nd
Paul Welty	<i>Stenorrhynchos speciosum</i>	2nd
James Curtis	<i>Cattleya Royal Beau 'Hihimanu' AM/AOS</i>	1st
	<i>Cattleya harpophylla</i>	1st
Elena Turner	<i>Cattlianthe Rajah's Ruby 'Sweetheart'</i>	
Ralph Belk III	<i>Dendrobium Ekolu Quintal</i>	HM
Sarah Patterson	<i>Stenosarcos Vanguard 'Red Stripe'</i>	2nd
Nancy Harvey	<i>Caulocattleya Chantilly Lace 'Twinkle' HCC/AOS</i>	3rd
	<i>Dendrobium Ise</i>	3rd
	<i>Phalaenopsis Pylo's Texas Spring</i>	
	<i>Paphiopedilum Julius</i>	
Sidney Cox	<i>Paphiopedilum Hawaiian Contrasts</i>	3rd
	<i>Dendrobium [(Haleahi Twist x <i>canaliculatum</i>) x <i>canaliculatum</i>]</i>	2nd



Greensboro Orchid Society 2017 Show Results**Triangle Orchid Society:** Trophy - Best Society Exhibit; 1st Place in Class**Sarah Patterson:**

Cattleya (California Apricot x Jillian Lee): Trophy - Best 1st Bloom Seedling, 1st Place
Leptotes pohlitinocoi: Trophy - Best Miniature 1st Place, 1st Place
Stenosarcos Vanguard 'Red Stripe' 1st Place

Nancy Harvey:

Brassocatanthe Robert Randall 'Highland' AM/AOS 2nd Place
Paphiopedilum Julius 2nd Place
Calanthe Rozel 2nd Place

Paul Welty:

Paphiopedilum Magical Venus 1st Place
Dendrobium faciferum 1st Place
Paphiopedilum [(Makuli x *curtisii*) x *Maudiae*] x *Maudiae*
Phalaenopsis Surf Song 3rd Place
Psychopsis Mariposa alba 2nd Place
Phalaenopsis Everspring Prince 1st Place

Ralph Belk, III:

Dendrobium Ekolu Quintal 1st Place
Dendrobium (Haleahi x *canaliculatum*) x *canaliculatum*

Elena Turner:

Phalaenopsis No Name

Sidney Cox:

Dendrobium (Haleahi x *canaliculatum*) x *canaliculatum*
Epidendrum paniculatum 'Miyao' 2nd Place

Kelly Nipp and Steven McAllister:

Dendrobium lindleyi 2nd Place
Phalaenopsis amabilis

Harry Gallis:

Dendrobium (Hawaiian Mini Stripe x Blue Twinkle)
Phalaenopsis Little Gem Stripe 'No 1' 1st Place
Rhyncattleanthe Carolina Orange Glow 'Riverwood' AM/AOS
Rhyncholaeliocattleya Beaufort Gold 'Susan Fender' AM/AOS
Cattlianthe (Trick or Treat x Spring Fires)



Mildred C. Howell

ROANOKE RAPIDS - Mildred C. Howell, 94, of Roanoke Rapids, was accompanied by her Lord to be with past loved ones, especially Dewy Crutchfield, her beloved father, on Saturday, Dec. 3, 2016. She was preceded in death by her parents, Dewy and Mollie Crutchfield of Roanoke Rapids; and her stepson, William M. Howell Jr. of Rocky Mount. Mildred is survived by her loving and devoted husband of 56+ years, William Mack Howell; her children, Dennis Wayne Rogers of Newport News, Va., Belinda Kay Rogers of Fort Mill, S.C., James Steven Rogers of E. Falmouth, Mass., and her stepdaughter, Linda Howell of Rocky Mount. She is also survived by 15 grandchildren and numerous great-grandchildren.



Mildred the wife, mother, grandmother and friend will be missed by all who know and love her. Her dedication to and her love for her family will never, ever be forgotten. Due to the family's deepest appreciation for and gratitude to Community Home Care and Hospice, it is the family's wishes that in lieu of flowers, a donation be made in Mildred's name to this most caring and gracious organization. The viewing and family visitation was held from 7 to 8:30 p.m. Monday, Dec. 5 at the Hockaday Funeral Home, 507 U.S. Highway 158, Roanoke Rapids, NC 27870.

Patrick Conley

CHAPEL HILL - Patrick Conley, died peacefully at the Cedars of Chapel Hill on December 13, 2016. He was 95. The only child of Boerne Lurl Conley and Mary Barlow Conley grew up in Roby, Texas. Former vice president of the Boston Consulting Group and Westinghouse Electric, Distinguished Engineering Alumnus of Rice University, World War II naval officer, respected horticulturalist and orchid enthusiast, accomplished yachtsman, and long-time resident of Manchester-by-the-Sea, Massachusetts. Following his retirement in 1984, he became a Certified Judge with the American Orchid Society. He is preceded in death by his wife of 67 years, Lucy, and by his son, Peter Conley. He is survived by his son, Dr. Christopher Conley and wife Katharine of Paradise Valley, Arizona, his daughter Molly Dempsey and husband Dr. Bert Dempsey of Chapel Hill and nine grandchildren. Memorial contributions may be made to the Arnold Arboretum of Harvard University or to the Friends of Manchester Trees.



Upcoming Orchid Events

March 18

Monthly American Orchid Society Judging

Plants must arrive between 10:30 - 12:30

4301 Lawndale Drive

Greensboro NC

March 25-26

Western North Carolina Orchid Society

Orchid Festival

100 Frederick Law Olmsted Way

Asheville NC



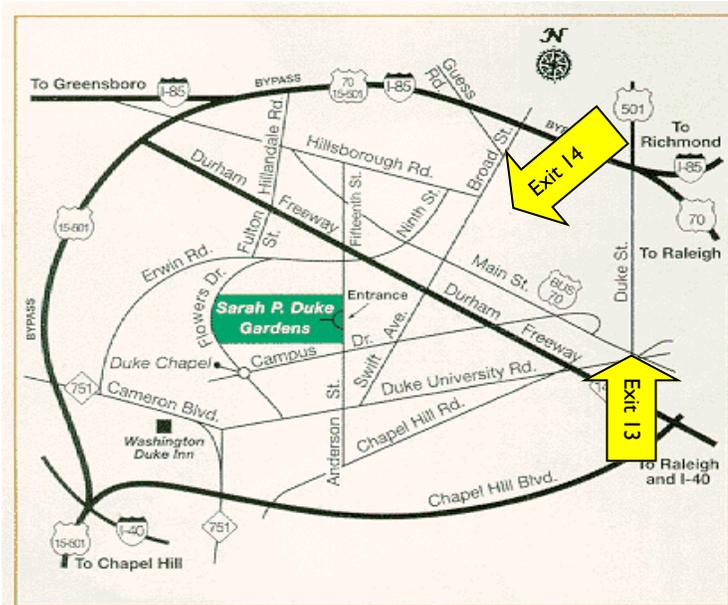
Bulbophyllums
Photography by Ariel Zelaya



Orchid Eye Candy! Photography by Ariel Zelaya

DATE	SPEAKER	TOPIC
APRIL 10	TOS SPRING AUCTION!	
MAY 8	Harry Gallis	Novelty Phalaenopsis
JUNE 12	Alan Black	<i>Brassavola cucullata</i> Hybrids

Triangle Orchid Society Meeting Agenda	
7:00 - 7:30	Set Up Show Tables
7:30 - 7:40	Business Meeting and Announcements
7:40 - 8:30	Speaker's Presentation
8:30 - 8:50	Break
8:50 - 9:20	Show Table Reviews and Awards
9:20 - 9:30	Raffle
9:30 P.M.	Meeting Ends Take down show tables



From the East:
 Durham Freeway (#147) to Exit 13.
 Right on Chapel Hill Rd.
 Right on Anderson St.
 Sarah P. Duke Gardens (420 Anderson) on left.

From the West:
 Durham Freeway (#147) to Exit 14.
 Right on Swift Ave.
 Right on Campus Dr.
 Right on Anderson St.
 Sarah P. Duke Gardens (420 Anderson) on left.

Newsletter Editor
 Suzanne Hens
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Charles Walker
 Thank You
 for proofreading this newsletter.

2017 Triangle Orchid Society Dues
 \$22 per year single, or \$30 per year for two persons living at the same address.
 Send your dues to: Anne Williams, TOS Treasurer, 1506 Kent St., Durham NC 27707