



Newsletter

April 2019

Volume LVIII Issue VII

The First, Original Orchid Society in Connecticut

Affiliated with The American Orchid Society & Orchid Digest

Inside this Issue

- Page 1:
 - Next Meeting
 - Featured Event
- Page 2:
 - President's Message
- Page 3:
 - Upcoming Events
 - COS News
 - Orchids in the News
- Page 4 -7:
 - Show Table
- Page 7:
 - March Minutes
- Page 8 - 13:
 - COS Show
- Page 14:
 - Survival of the Trickiest
 - COS Library
- Page 15:
 - Mentors
 - Membership Info
- Page 16:
 - Officers & Contacts
 - Mission Statement



Next Meeting

Wednesday April 10th, 2019
Farmington Senior Center
Unionville, CT 06085

6:30 pm.: Doors open. Socializing.
Come early and help set up.
7:30 pm: Business meeting.
8:00 pm: Featured speaker and/or
presentation.

Please bring a snack for the
refreshments table!
Don't forget to bring your blooming
plants for the show table!

For notice of last-minute cancellations,
visit our website: www.ctorchids.org

Featured Events

April Meeting Orchid Pests and How to Treat Them

Steven A. Frowine is a former
member of the Connecticut Orchid
Society. We welcome him back to
Connecticut.

Professional Horticulturist, Author,
and Lecturer Author of Orchids for
Dummies, Fragrant Orchids,
Gardening Basics for Dummies,

President's Message

Hello everyone,

Wow, what a show. So many members to thank for pitching in and doing whatever needed to be done. Everything came together smoothly. The amazing array of plants with beautiful flowers at their best was a sight to behold. We had guests come from Manhattan, Rhode Island, New Hampshire, and Massachusetts to name a few. The COS display won the AOS trophy, which will be placed in the archives. I would like to give special recognition to Dave T. for organizing all the plant registration and judging details and everyone who made his task easier. Also, Tom G who designed and put together an amazing display without seeing in advance what plants he would have. Tom had two special orchid elves (Sue K & Judy B) who placed plants and judging tags to make Tom's task easier. What a great fun group!

April 13th I will be giving a repotting talk at Hollandia Nursery in Bethel. April 14th Sue K will be giving a basic Orchid Growing talk at Hollandia Nursery Bethel. Stop by and say hi.

This month we welcome Steve Frowine in Farmington. Many may recognize his name as Steve is the author of many books but Orchids for Dummies is a stand out. The topic is Orchid Clinic.

Please print and bring a copy of the handouts that are on the web site. I am sure you will want to take notes.

COS will be selling orchids for the Easter /Passover holiday at our regular meeting

See everyone wed 10th.

Cheryl

Thank you all for a great show!

Upcoming AOS Webinars

All webinars from 8:30-9:30PM EST

Registration at www.aos.org

April 9: Greenhouse Chat

Presenter Ron McHatton, American Orchid Society Director of Education, and accredited AOS judge, will hold a Q&A session on orchid culture. Advanced Registration (space is limited) required. The webinar is free for everyone.

April 18: How to Grow Habenarias



Upcoming Events

February 23 – April 28

New York Botanical Garden "Orchid Show: Singapore"
Bronx, NYC

April 5 – 7

SEPOS Show Oaks, PA

May 17 - 19

Redlands International Show Homestead, FL

COS Library

Our library is fully categorized. There are currently 227 individual titles as well as AOS Orchid magazines and Orchid Digests. These resources are available to any society member.

To request a book, contact Cheryl.

Take a look [here](#).

Orchids in the News

Threatened white fringeless orchid introduced to pocket wilderness as conservationists work to save it: [here](#).

Searching for rare orchids in Sonoma: [here](#).

THE COS SHOW: more [here](#).

March Show Table

Culture is as noted: C- cool I-Intermediate W-Warm; G- Greenhouse W- windowsill L- Lights

Camaridium preastans	C. Mizak	i, g
Cattleya Dorothy Fiene 'Villa Park' syn. Lealiocattleya	T. Gargano	i, g
Cattleya Park Ridge 'Thornridge' syn. Laeliocattleya	T. Gargano	i, g
Coelogyne Snow White	T. Gargano	i, g
Cymbidium Silva M77	C. Mizak	i, g
Cymbidium Sunshine Falls 'Butterball'	C. Allen	c, g
Dendrobium x delicatum	C. Mizak	i, g
Dendrobium hybrid ig.	T. Gargano	i, g
Dendrobium nobile	K. Richardson	i, w
Dracula papillosa 'Stig'	R. Schwartz	l, l
Oncostele Tiger Barb 'Plenty' syn. Ondontocidium	C. Allen	i, g
Paphiopedilum hybrid ig.	S. Kennedy	w, g
Paphiopedilum mixed collection of 5 complex hybrids	J. Richards	i, l
Paphiopedilum Papagayo	K. Kuziel	i, w
Paphiopedilum Supersuk 'Eureka' AM/AOS	M. Wicki	c, w
Rhyncholaeliocattleya Ruby Ace 'Abe' syn. Potinara (Cattleya Mini-Purple x Rhyncholaeliocattleya Waianae Comet)	S. Kennedy	w, g





Homemade Insecticidal Soap

1-2 drops dish soap
1-2 drops cinnamon extract
1 gallon water



Paphiopedilum
hybrid ig.



Phalaenopsis Papagayo

Paphiopedilum
Supersuk
'Eureka'
AM/AOS



Paphiopedilum
???

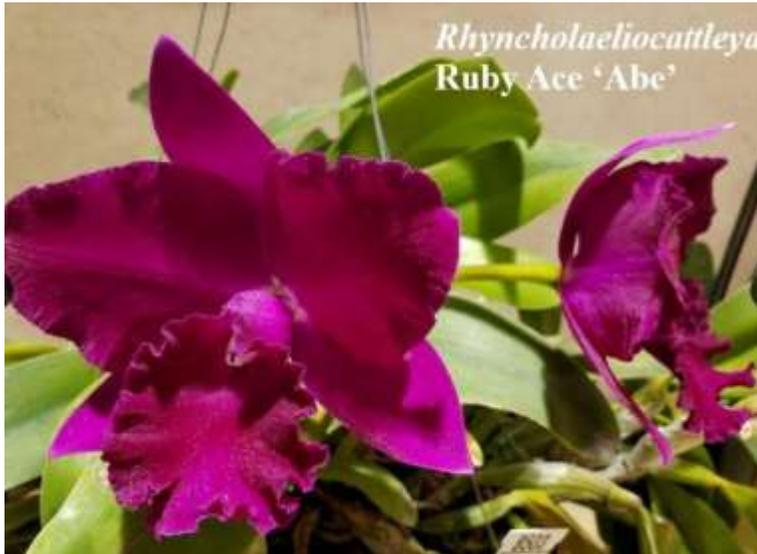


Paphiopedilum
complex hybrid

March Meeting Minutes

March 13, 2019

Repotting Clinic: The members enjoyed a repotting workshop. Local experts donned gloves and dived in, fixing plants very much in need of repotting. A minimal fee of \$5 covered the materials.



The awards won at the show are
posted on our website!

COS Show and Sale

March 30 and 31, 2019

Connecticut Orchid Society Table







Amherst Orchid Society



Cape and Island Orchid Society



New Hampshire Orchid Society



Deep Cut Orchid Society



White Plains Orchids



Ecuagenera



Survival of the Trickiest, Part 5 Orchid Mimics



Stigmaphyllon lindenianum (left), an oil-producing flower in the Malpighia family. *Trichocentrum ascendens* (center) and *Rossioglossum ampliatum* (right), are orchids in the Oncidium tribe that mimic the Malpighia flower. All photos by Papadopulos et al. [1], by permission of Creative Commons license.

It has been estimated that one third of all orchids deceive their pollinators and provide no reward for pollination. A common trick that orchids use is to mimic other flowers that do provide a reward.

Malpighias are a group of trees, shrubs and vines in the New World tropics, noted for attracting bees by providing nutritious oils, rather than pollen or nectar. It was long thought that many Oncidium orchids, growing in the same regions, fool pollinators who are visiting nearby Malpighias by mimicking the Malpighia flowers in color and shape.

But this was mainly conjecture, based on the apparent similarity to human eyes. For example, the flowers pictured above are all yellow.

In 2013, a team of scientists did a more rigorous study measuring the colors of some Malpighia flowers and nearby Oncidium-tribe flowers, including the three pictured above. Human eyes detect red, green, and blue light (and various mixtures of the three). Bees' eyes can't see red, but they detect green, blue, and ultraviolet, so that's what the scientists measured.

Comparing the flowers in the colors that bees see, the scientists found that the Oncidium flowers and the Malpighia flowers reflect almost identical amounts of green and ultraviolet, but no blue, a mixture called bee-purple. So not only do the flowers look the same color (yellow) to us, they look the same color (bee-purple) to the bees.

Other flowers growing in the vicinity of the Malpighias were found to have completely different colors in bee-vision, so bees could easily tell them apart. But bees visiting the nutritious Malpighia flowers could easily be fooled into visiting nearby Oncidium flowers with exactly the same color and similar shape.

And when they do, of course, the bees pollinate them in the process, without the orchids having to waste any energy producing food for the bees. Another successful orchid trick.

Larry Kuekes

Reference:

1. Convergent evolution of floral signals underlies the success of Neotropical orchids, *Proceedings of the Royal Society*. Papadopulos et al., 2013.

https://www.researchgate.net/publication/242333945_Convergent_evolution_of_floral_signals_underlies_the_success_of_Neotropical_orchids

Mentor List

The following COS members are available to answer your culture questions and help you with any orchid growing problems you may have.

Judy Becker beckerjudy8@gmail.com (860) 824-0561
(8:00--8:00 pm) Greenhouse growing methods: Wide variety of species & hybrids

Sam Hinckley samuelhinckley@comcast.net (860) 688-0943
(After 7:30 pm) Windowsill growing methods: Species & hybrids

Glenn McGeough mcgeough7@gmail.com (203) 482-3973
Specializing in Cattleyas.

Jeffrey Richards jeffrey.richards@snet.net
Greenhouse growing methods: Specializing in Paphiopedilums.

Sharon Smith Delisle sharonsmithdelisle@hotmail.com
Under lights & windowsill growing methods: Bulbophylums, Cymbidiums, Dendrobiums, Paphiopedilums, Miltoniopsis, & mixed genera.

David Tognalli dtog54@sbcglobal.net (860) 521-7249 (Contact Evenings & weekends)
Windowsill & outdoor growing methods: Warm growers, Cattleyas, Dendrobiums, & mixed genera.

Connecticut Orchid Society is an incorporated non-profit 501 (c) (3) organization founded in 1959. Please consider making a charitable contribution to COS.

Most donations made to COS are tax deductible.



COS Membership Information

Membership is open to anyone interested in orchids. Members join the Society by payment of annual dues. Memberships may be individual, student, family, life, or honorary. Honorary membership is for life and is made by nomination of the Board of Directors and majority vote of the membership present at a regular meeting. Annual membership includes electronic delivery of the newsletter. The newsletter is published each month except July and August.

COS Membership Dues: \$20/yr. Individual \$25/yr. Family

\$200 Individual or \$250 Family Lifetime Membership (never pay dues again!) Visit www.ctorchids.org to apply for/renew membership. We accept Paypal.

Contact Membership Chairperson Mary Rampone at COSMembership@earthlink.net for details.

2018 Connecticut Orchid Society Officers & Posts

PRESIDENT	Cheryl Mizak	203-264-6096
VICE-PRESIDENT, EDITOR	Rebecca Schwartz	rebecca.r.schwartz@gmail.com
TREASURER	Dave Tognalli	860-521-7249
DIRECTOR -AT- LARGE	Sue Kennedy	860-567-1337
DIRECTOR -AT- LARGE	Karen Kuziel	203-272-9077
RECORDING SECRETARY	Carla Koch	203-272-8121
MEMBERSHIP CHAIRPERSON	Mary Rampone	203-263-2831
CORRESPONDING SECRETARY	Sharon SmithDelisle	203-744-1849
LIBRARIAN/HISTORIAN		
AOS REPRESENTATIVE	Cheryl Mizak	203-264-6096
CONSERVATION CHAIRPERSON		
SPECIAL EVENTS COORDINATOR		
REFRESHMENT CO-CHAIR	Karen Kuziel	203-272-9077
WEB MASTER	Mary Ellen Wilson	

Contact Us

By Mail:

Connecticut Orchid Society, Inc.
 Editorial Office
 P.O. Box 198
 Farmington, CT 06034-0198

By Email:

President Cheryl Mizak
president@ctorchids.org
 Co-Editors Rebecca Schwartz and Monty Sabolcik



Connecticut Orchid Society Mission Statement

The Connecticut Orchid Society is an incorporated, non-profit association for the preservation and extension of knowledge concerning the conservation, ecology, science, cultivation, hybridization, appreciation and uses of orchids; and to carry on such activities as may be necessary or desirable to effectuate such purposes.