

May
2017

The Orchid Grower

Orchid Growers' Guild of Madison
Website orchidguild.org



Meeting Dates

- May 21
- June Picnic Saturday, June 17
- September 17
- October 15
- November 19
- December 17

Meetings start at 1:30 pm at Olbrich Gardens unless otherwise noted

Officers and Committees

President:

Lorraine Snyder (2018)
lorraine.snyder127@gmail.com

Vice President:

Sue Reed (2017)
greed@chorus.net

Secretary:

Keith Nelson (2017)
nelsonridge@tds.net

Treasurer:

Denise Baylis (2018)
jrbaylis@tds.net

Board:

Liz Wood (2017)
eawood@wisc.edu

Nancy Thomas (2019)
mikeandnancy@tds.net

Carrie Weisman (2018)
carrie.wiesman@dwd.wi.gov

Away Shows:

Nancy Thomas
mikeandnancy@tds.net

FROM THE PRESIDENT, NEXT MEETING MAY 21, OLBRICH GARDENS

Hello Orchid Lovers,

May means it is Member Auction time at our meeting Sunday, May 21 at Olbrich Gardens at 1:30 p.m. Ribbon judging is 1 p.m. Dust off your unused supplies, lights, Orchid related gifts and plants you wish to donate in this popular annual sale. Bring your cash and checkbook, you will be amazed at the great selection and good deals.

May is also election of board members. We have two positions open: Vice President and general board member. Contact Keith Nelson or Lorraine Snyder if you are interested in either position.

We are also looking for an Orchid Quest Co-chair or two to serve with Terri Jozwiak to help make Orchid Quest 2018 more successful than ever. Please contact Terri if you have any questions or wish to volunteer

Put Saturday, June 17 on your calendar for OGG picnic at Liz Wood's home. More details to come.

See you May 21,
Lorraine



Photograph by Ihor Galarnyk
Slc Jewel Box 'Dark Waters'

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Hospitality:
Volunteer

Librarian:
Liz Wood
ewood@biochem.wisc.edu

Membership:
Carrie Weisman
carrie.wiesman@dwd.wi.gov

Newsletter:
Denise Baylis
jrbaylis@tds.net

Orchid Quest 2017:
Terri Jozwiak
lodijoz@charter.net

Programs:
Lorraine Snyder
Lorraine.snyder127@gmail.com

Ribbon Judging:
Open

Web Master:
Richard Jozwiak
OGGweb@charter.net

Liaisons:
AOS: Nancy Thomas
MAOC: Keith Nelson
Orchid Digest: Open

From the AOS Magazine ORCHIDS Insect Control

I found an article in the November 2015 magazine that some professional orchid growers use to help control all insects in their orchid collection. This is a home made solution using a gallon container (could be an clean old milk gallon jug), Formula 409® and 70% alcohol. They put a pint of rubbing alcohol into the empty gallon container, then refill the empty 1 pint alcohol container with 409 which they pour into the gallon container with the 70% alcohol. Then the gallon container is filled up with tap water (or you could use distilled water to avoid some water spotting on the leaves). This is thoroughly mixed and put into labeled spray bottles (ALC + 409 is how they label their containers). For red-leaf spiders, both sides of the leaves are sprayed. For scale, they soak a cotton ball with the solution and scrub the infested area to penetrate the scales armored shell. They don't do preventive spraying, just spray as soon as insects are noticed.

I think that you could add a few drops of Dawn ® to the solution as a surfactant to get into the scale shells, but that is my opinion and not tested with this solution. I put a few drops of dish soap, Dawn, into my rubbing alcohol that I spray on my orchids for insects. Not all dish soaps are the same so be careful and you don't need much.

Sue Reed

OGG Orchid Pot Sales

- Small green square (2x2" h), 5 @\$1.00
- Small Clear square (2x3" h), \$.50 / pot
- Medium Clear square (3½x4" h), \$.75/ pot
- Medium Clear Round (4x4" h), \$1.00/pot
- Large Clear Round (6½x5" h), \$1.25/pot
- 3" Clay pot \$.50/pot

To order pots for delivery at the next OGG meeting, contact Sue Reed

greed@chorus.net



The April meeting was held at Paradigm Gardens where we learned about advances in T-5 technology and RO systems, among other things.

OGG RIBBON JUDGING APRIL 2017

First Place

| | |
|----------------|--|
| Gary Lensmeyer | <i>Cymbidium</i> hybrid |
| Bruce Luebke | Slc Jewel Box 'Dark Waters' |
| Jeff Baylis | <i>Phrag Nitidissimum</i> (<i>caudatum</i> x <i>Conchiferum</i>) |
| Jeff Baylis | <i>Guarianthe aurantiaca</i> ('Giant Yellow' x 'Miami') |
| Terri Jozwiak | <i>Dendrobium</i> Micro Chip (<i>normanbyense</i> x <i>aberrans</i>) |
| Terri Jozwiak | <i>Grammatophyllum scriptum</i> var. leopard 'NN' |
| Terri Jozwiak | Bllra Tahoma Glacier 'Green' |
| Terri Jozwiak | <i>Bulbophyllum makayanum</i> |
| Gary Lensmeyer | <i>Phal hieroglyphica</i> x <i>tetraspis</i> |

Third Place

| | |
|---------------|---|
| Terri Jozwiak | <i>Bulbophyllum falcatum</i> 'Standing Tall' AM/AOS |
|---------------|---|



Photograph by Ihor Galarnyk
Guarianthe aurantiaca ('Giant Yellow' x 'Miami')



Photograph by Ihor Galarnyk
Phal hieroglyphica x *tetraspis*



Photograph by Ihor Galarnyk
Bllra Tahoma Glacier 'Green'



Photograph by Denise Baylis
Bulbophyllum makayanum
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Photograph by Ihor Galarnyk
Bulbophyllum falcatum 'Standing Tall' AM/AOS

Best of Class, Orchid Quest 2017

Photographs by Scott Weber



Cypripedium Alliance. Paphiopedilum species:
Paphiopedilum villosum, Olbrich Gardens



Cypripedium Alliance: *Paph. Dakota Zoo 'Big Cats Roar AM/AOS (Kinzua x Dakota)*, Arnold Klehm



Phalaenopsis and Doritis species and hybrids:
Phal Ever Spring Prince 'Pretty Cat' (Golden Pecker x Taisuco Beauty), Roy & Lauren Lenz, WOS



Vanda Alliance: *Schoenorchis buddleiflora*, Walter Crawford WOS



Masdevallia and Dracula: *Masdevallia mendozae*, Claire Rojohn WOS



Seedling flowering for the first time: *Phragmipedium Jason Fischer (Dick Clements x besseae)*, Gary Lensmeyer OGG

... more Best of Class, Orchid Quest 2017

Photographs by Scott Weber



Cypripedium Alliance. Paph. primary hybrids: *Paph* Angela 'Kelly Lynn' HCC/AOS (*fairrieanum* x *niveum*), Roy & Lauren Lenz WOS



Cattleya Alliance: Epi. Fancy Lady, Tony Nuccio, Batavia



Cypripedium Alliance. Phragmipediums: *Phragmipedium* Rouge Bouillon (*dallesandroi* x Mem Dick Clements), Walter Crawford WOS



Pleurothallis: *Pleurothallis loranthophylla*, Claire Rojohn, WOS



Oncidium Alliance: *Oncostele* Wildcat 'Silver' (*Oncostele* Rusti Bridge x *Oncidium* Crowborough), Natt's



Cymbidium Alliance: *Cymbidium* Pipeta (Spartan Queen x *pumilum*), Gary Lensmeyer, OGG



Cattleya species, hybrids and intergenerics: *Cattleya trianaei* 'Splash Oscuro', Olbrich Gardens



Bulbophyllum and other species: *Coelogyne flaccida*, Olbrich Gardens

Support OGG by using Amazon Smile!

Want to help support OGG and it won't cost you a penny? Do you shop on Amazon? You can enter the Amazon site through their charitable portal AmazonSmile and 0.5% of your purchase price will be donated to OGG. It doesn't cost you a thing, the entire Amazon shopping site and its prices are available to you, and you use your usual password, account and lists. Anything you enter in your cart or lists on the usual Amazon site are there when you log in to AmazonSmile. The first time you log in to the site (using your regular Amazon email/phone number and password) at the following link:

<https://smile.amazon.com/>

it will prompt you to select a charity, so just select Orchid Growers Guild from the list and start buying. It's an absolutely free and effortless way to help support our society while you do your usual shopping, so check it out and get started giving today!!!

RETIREMENT ANNOUNCEMENT



After 26 years at Olbrich, Conservatory Curator John Wirth will retire at the end of June. On the one hand, transitioning to retirement is a reason to celebrate! We are so grateful to John for planning, developing, maintaining, and continuing to improve both the tropical garden and the plant collection. Bolz Conservatory is the stellar landmark we experience today because of John. And on the other hand, we will miss him so much—in a selfish way, we just hate to see John leave us. Roberta is working with John on the transition plan for a new curator.

- - Olbrich Gardens



Keith Nelson sent a photo of his currently blooming *Dendrobium senile*. It has fuzzy bulbs with few leaves and the flowers face downward, and are yellow with a green throat. He's guessing that the name 'senile' is probably because the hairs on the bulbs look like an old timer's beard.

From Wikipedia: *Dendrobium senile*, commonly known as the White-haired Dendrobium or Old Man Orchid, is a species of flowering plant in the Orchidaceae family. It is native to Indochina.

UP-COMING EVENTS

- **September 16-17** - Wisconsin Orchid Society's Fall Show, Mitchell Park Domes, Milwaukee
- **November 8-12, 2017** -- 22nd World Orchid Conference, Guayaquil, Ecuador

Orchid Quest 2018 Up-date

Orchid Quest will be February 3-4 at Olbrich Botanical Gardens. When planning your vacations, please keep that in mind. Anyone wanting to help (do a small job prior or a fair size job prior) let me know. We will not meet as a group until probably September. Thanks for all that you do!

Terri Jozwiak
Orchid Quest chairperson

NEW FOSSIL EVIDENCE HOWS BEETLES POLLINATED ORCHIDS MILLIONS OF YEARS AGO

For flowering plants to reproduce sexually, they need to disperse pollen so that the male gametes in the pollen can reach and fertilize the egg in the plant embryo sac. Plants have evolved a variety of mechanisms to disperse pollen. Among them, orchids have evolved a mechanism using pollination structures called pollinaria. Pollinaria include parts called pollinia that hold pollen sacs with the male gametes, and adhesive pads that adhere to insects and other pollinators. Some present-day beetles use orchids for nectar, and these beetles also disperse orchid pollinaria. But no fossil evidence has ever been found showing beetles in the evolutionary past pollinating orchids-until now.

A new study by George Poinar, Jr. In [American Entomologist](#) identified the first fossil beetles dispersing pollinaria from orchids. Poinar discovered two beetles dispersing orchid pollen that were discovered in fossilized tree sap called amber. One was a hidden-snout beetle (subfamily Cryptorhynchinae) found in amber from the Dominican Republic. This Dominican specimen had pollinaria from an orchid described as *Cylindrocites browni* attached to its thorax. The other specimen was a toe-winged beetle (family Ptilodactylidae) that was found in amber from Mexico. This toe-winged beetle had pollinaria from an orchid described as *Annulites mexicana* attached to its mouthparts.

The beetle in Dominican amber was in strata estimated to be from 20 to 45 million years old, and the beetle in Mexican amber was in strata estimated to be from 22 to 26 million years old. Pollinia are attached to this beetle with an adhesive pad called a viscidium.

When asked about the significance of his study,

Poinar said, "My paper points out that beetles may play a more Important role in pollinating orchids than originally thought and that they have been doing so for some 20 million years."

With more than 350,000 species described, beetles are the most diverse order on Earth: 40 percent of insects and 25 percent of all animals are beetles. Because of their diversity and abundance, they offer rich potential for plants as pollinators. Beetles of several families have been observed with pollinaria from orchids, including leaf beetles (family Chrysomelidae), dermestid beetles (family Dermestidae), and click beetles (family Elateridae). But no current-day hidden-snout beetles (subfamily Cryptorhynchinae) have been seen visiting orchid plants, and no current-day toe-winged beetles (family Ptilodactylidae) have been seen with pollinaria attached.

Why is that? The answer might be in their behavior. Poinar points out in his paper that one reason that could explain the limited current-day evidence of beetles pollinating orchids is that beetles are secretive in behavior, thus are difficult species from which to collect data.

When asked about the best next steps in the investigation of beetle-orchid associations, Poinar said, "While no present-day cryptorhynchid weevils or ptilodactylid beetles are known to carry pollinaria, past and future collections of these and other beetles should be examined to search for attached pollinaria. Orchids may have evolved beneficial associations with a much wider range of beetles and other Insects than we thought. possible."

from August 22, 2016, [EntomologyToday.org](#)