NAPLES Orchid SOCIETY since 1962

JULY 2021 NEWSLETTER

Cover Worthy!

Calypso in Alaska??

Kit and LaRaw Maran spot *Calypso bulbosa* in the Alaska wilds! *See more on page 18*

NOS EVENTS

Upcoming Monthly Meeting

NOTE DATE:

Thursday July 8, 2021

Moorings Presbyterian Church

Baker Gym

Orchid Doctor begins at 6:00 pm

"Mounting Orchids" with Rae Jean Walker

Plant Registration ENDS at 6:55 pm

Meeting begins at 7:30 pm

Program: Education and Intern Update

Updates on Orchid Research Supported by NOS

Plant Competition Continues at our July Meeting!

See pages 5, 6, and 7 for details

Next Monthly Meeting

Thursday August 5, 2021

Ryan Kowalczyk

AOS Judge (Florida North Central Judge)

TOPIC: 'How to Set Up Your Collection'

President: Richard Davenport

davenport.richardalan@gmail.com

Submit articles for the Newsletter by the 15th of each month to: NOSNews@Naplesorchidsociety.org

***Newsletter Editors**: Kris Morton, Marilyn Moser, Veronica Catrombon*

The Naples Orchid Society is a non-profit organization, devoted to the promotion of, interest in, and the appreciation of orchids and the preservation of our native orchids. It is also our aim to disseminate information pertaining to their culture and hybridization.

NAPLES ORCHID SOCIETY P.O. Box 7998 Naples FL 34101

www.NaplesOrchidSociety.org

President's Letter

June 19, 2021

Richard Davenport
President, Naples Orchid Society, Inc.
Davenport.richardalan@gmail.com

AHOY, LAND LUBBERS & ORCHID GROWERS!

The end of the dry season is here. Summer temperatures and tropical rainstorms chase us indoors to air conditioned havens or encourage visits to cooler climes like the Carolina mountains. If we grow orchids outdoors beneath Southwest Florida trees or in shade houses, we must spray more frequently for fungus (due to lots of rain) and insects (thrips and other insects seem to be more active on very hot days). One of the most voracious insects is the Florida lubber grasshopper, *Romalea microptera* . And they love your orchids, just like you do.

Female lubbers lay clutches of 25 to 50 eggs in the soil during the Summer and Fall. Eggs start hatching in March and April, but the big adult lubbers are not usually noticed until May and June when the larger and more brightly colored adults seem to suddenly appear after their last molting.

As with other insects, lubbers go through several stages of development. The juvenile nymphs are all black or mostly black with a series of red or yellow lines on the backs and sides. They molt every 15 days or so while they rapidly grow. A newly hatched Florida lubber is about ¼" to 3/8" long and is usually found as part of a larger swarm that all hatch around the same time. Nymphs are flightless, but can hop over 10'. They can be controlled with strong insecticides, but only a few, such as Orthene, are approved for use on orchids. Be sure to wear protective clothing, a respirator and to shower after use.

An ugly giant among insects, *R. microptera* can grow to three inches long as adults, with appetites to match. They love crinum lilies as well as orchids and can inflict major damage overnight. They remain flightless, with wings about 1.5" long, but they too can make very long hops, almost like flying. Adult lubbers are NOT controllable with insecticides. When you see them, it is best to use a short piece of 2x4, a brick, your shoe or a rolled up magazine. They don't sting or bite, so it is OK to pick them off your plants by hand before crunch time.

Happy hunting!

Richard

In-Person Monthly Meeting for July 2021

Thursday, July 8, 2021

Moorings Presbyterian Church—Baker Gym
791 Harbour Dr, Naples, FL 34103

All are welcome!

Doors Open for Orchid Doctor at 6:00PM
TOPIC: "Mounting Orchids" with Rae Jean Walker
Plant Registration ENDS at 6:55PM
Meeting begins at 7:30PM
PROGRAM: Annual Update on Orchid ResearchSupported by NOS
Dr. Larry Zettler
Dr. Brent Chandler
Tony Ruiz
Adam Herdman

In accordance with Moorings Presbyrterian Church, the **Covid-19 guidelines** effective at our next meeting on July 8 2021 will be as follows:

- No limits on attendance other than as posted by the Fire Marshall.
- No masking required for individuals who are fully vaccinated.
- Masking for unvaccinated individuals or those with compromised immune systems is required.
- As a precaution, the church requires all participants be spaced when seated.
- Only single serving, prepackaged food and drinks may be distributed.

Thus, we can do away with pre-registration and once again be open to all members and guests.
Our **monthly plant competition continues**, so bring in all your entries.

- Plants must be entered, placed and paperwork completed by 6:55 *(see pages 5, 6 and 7 for Rules and Instructions)*
- Judging will start at 7:00 pm
- We expect to start the meeting promptly at 7:30

A Message from our July Speaker--

To the members of the Naples Orchid Society, Thank you for your generous support of orchid research through your ongoing scholarship program. I look forward to meeting many of you in person next month during your July monthly meeting. My student, Tony Ruiz, and I will be visiting the Florida Panther National Wildlife Refuge the first week of July to collect ghost orchid (Dendrophylax lindenii) nectar. We are exploring whether the environment impacts the nutritional composition of nectar. Additionally, we seek to better understand nectar's impact on pollinators. Our analytical assays will allow us to determine the concentration of the principal macronutrients - carbohydrates and amino acids. We will also analyze the lipid components seeking to identify compounds that could provide an advantage for the orchid's survival ie antimicrobial components or compounds that positively impact pollination. This work will help to provide a foundation for long-term conservation of this endangered species, building on efforts by previous Illinois College students you have generously funded. I look forward to presenting our research activities to your group during the July meeting**.**

Brent Chandler, Associate Professor, Illinois College.

June 2021 Monthly Meeting

Attendees: 34
Raffle Proceeds: $175
Plants Entered: 22
Votes: 19

Many thanks to our June speakers Jim Longwell and Kris Morton, Plant Table Volunteers Alicia Schwartz and Karen Davenport, Raffle Table Volunteer Sue Roehl, and Welcome Volunteer Mary Jo Shively

CARE AND CONDOLENCE

Submitted by Kris Morton

Get well cards were sent to NOS members Carolyn Booker, Pat Orr and Eunice Walker.
A sympathy card was sent to NOS member Susan Greco for the loss of her husband, NOS member Philip Greco.

TREASURER'S REPORT

Submitted by Sheila Demkovich

Regions Bank checking account balance is $19,682.97

MEMBERSHIP CHAIR REPORT

Submitted by Veronica Catrombon

2021 Members: 173

New Members for 2021: 41

Payment for 2021 Membership is due now.

You may pay by **check** mailed to Naples Orchid Society, PO Box 7998, Naples, FL 34101,
or by **credit card** at https://naplesorchidsociety.org/join-us/

NEW RATES for 2021: Single membership $20, Family membership $25
Add $10.00 for a magnetic engraved nametag!

Question about Membership?

Email Veronica Catrombon -- **Membership@Naplesorchidsociety.org**

In-Person Board of Directors Meeting for July 2021

Tuesday, July 13, 2021
7:00PM

Forest Glen Golf and Country Club
3855 Forest Glen Blvd
Naples, FL 34114 (at the Clubhouse).

All are welcome!

This meeting will be held at Forest Glen Golf and Country Club and requires gate notification.
If you are interested in attending this meeting, please call Rae Jean Walker 815-791-2140 and leave a message.

Plant competition Rules and Instructions

1) All plants must be registered and in place by 6:55 p.m. Voting will begin at 7:00 p.m.

2) You must take a number to register plants to avoid congestion at the plant registration table.

3) The corrected Monthly Plant Table Rules form on the website has been updated to reflect the time changes.

4) There is a white entry tag with no hole printed to be used for plant registration. The Green Tag will still be placed on the plant.

These instructions have been updated on the NOS website Monthly Plant Table Rules form.

See Pages 5 and 6 in this Newsletter for detailed Rules document.

Monthly Plant Table Rules — Naples Orchid Society

Revised June 2021

To Exhibit Plants:
You must be a member of the Naples Orchid Society and a Hobby Grower. ***You must have owned the plants you want to exhibit for a period of not less than 6 months.*** Any plant without a proper name, hybrid or species, or a plant owned for less than 6 months by a member may be shown on the "**Orphan" Table**. These plants are also eligible for ribbon voting but not for point accumulation.

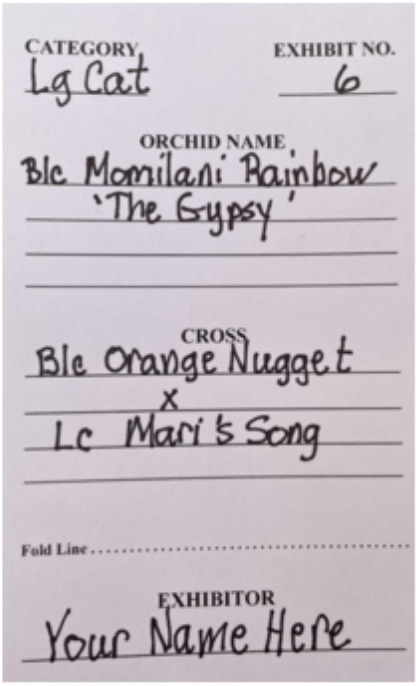
Plant Table Classes (Categories):

1. Large Cattleya (flowers 4 inches or larger)	8. Large Species
2. Small Cattleya (flowers less than 4 inches)	9. Medium Species
3. Large Vanda (flowers 3 inches or larger)	10. Small Species
4. Small Vanda (flowers less than 3 inches)	11. Oncidium Alliance
5. Dendrobium	12. Slipper Orchids
6. Large Phalaenopsis (flowers 3" or more)	13. Other Tribes
7. Small Phalaenopsis (flowers less than 3"	14. Orphan Table (Ribbons, but no points)

To Enter Plants:

1. For each plant entered, complete the information on **TWO ENTRY TAGS** (see example below). These tags are available at the Plant Table in the back left corner of the gymnasium. Use a **green tag with green string attached to tie on your exhibit plant**, the other **white tag without string should be handed to the Plant Table Registrar**. Tear off the name portion of the green tag with strings and place it in the bowl for the Green Tag Drawing.

Tag Example



Use Categories in Plant Classes List Above No. refers to the number you put on your plant at the Appropriate Class Table

Print Name of Orchid Here—if unregistered, just list the cross

Print the parents of Orchid Hybrids here
If plant is a SPECIES leave this section blank

Put your name here; tear off this portion on stringed-tag and put it in the bowl for Green Tag Drawing

2. Tie the green tag **with the string** on your plant and place it on the table in the proper category (see list above). Take a number from the box on that table and affix it to your plant. That is the number you enter on your green tag **and white tag** and also the number that voters will use. Improperly filled out green tags may mean disqualification of the entry. See Plant Table workers if you need assistance. A computer with Orchid Wiz is available on the back center table for checking the hybrid name and parentage.
3. **Exhibitors must have their plants in place in the proper categories with tags completed by 6:55 PM.** Plants cannot be entered for competition after voting begins.

To Vote for a Plant on Exhibit:
4. **Voting will begin promptly at 7:00 PM.** Each member or guest who would like to vote on the plants exhibited should pick up a ballot from the Plant Table. A number will be affixed to each entered plant. To vote for that plant simply enter the number of the plant in the appropriate box on your ballot sheet.
5. Deposit your Ballot in the multicolored Ballot Box on the Plant Table.

Ribbon Awards:
6. The plant with the most votes in each category will receive a **Blue Ribbon (first place)**; the second highest will receive a **Red Ribbon (second place)**; the third highest will receive a **White Ribbon (third place)**. ***There must be a minimum of five entries per class in order to award a first, second and third place ribbon***. **If there are only four entries then first (Blue Ribbon) and second places (Red Ribbon) will be awarded. If fewer than four plants in any class, only a first place ribbon will be awarded**. (Modified at December 2013 NOS BOD meeting.)
7. In addition the **Best Hybrid Plant** and the **Best Species Plant** (selected by an "expert") will each receive a **Gold Ribbon**

Ribbons Equal Points:
8. **First Place Blue Ribbon= 3 points; Second place Red Ribbon = 2 points; Third place White Ribbon = 1 point**. **Gold Ribbon winners for Best Hybrid and Best Species will receive 3 points**.
9. At the end of the calendar year, points will be tallied and the Top Three Point Winners will be announced at the next January Meeting and awards presented. Awards are: First Place $300, Second Place $200, Third Place $100. For 2021, this Award Amount will reduced by 50% as the competition will only be for a half year.

Qualifier:
10. **Only one plant per pot or mount may be entered for competition**. Multiple plants per pot or mount are NOT eligible for competition.
11. Any Plant thought to have viruses, disease or insect infestation will be taken off the plant tables and disqualified.
12. Cut flowers or inflorescences alone will not be accepted for exhibit on the plant tables.

A Question from Contact Us on our Website

Have a question? Go to https://naplesorchidsociety.org/ scroll down to the bottom of the page and fill out the form. A member of our Board of Directors will reply.

Name	Stuart
Last	Rubin
Message	Hi, I am new to Orchid growing. Moving here from the north, I have become a big fan of the Orchids growing in trees. I now have phals, dens and cats growing on a tree outside my lanai and doing well. When i read up on care, most articles are about growing in pots. Is there anything i have to do differently while they are growing on trees, esspecially during the colder weather. Thank you

Hi Stuart ,
My name is Richard Davenport, currently serving as President of Naples Orchid Society. Welcome to orchid paradise! I will try to respond to your questions
1. Growing under trees is great for many orchids. You may want to investigate the cold tolerance of the specific plants you have outside. Try to learn about the micro-climate where you live. Usually, the closer you are to big water like the Gulf of Mexico or a major lake influences the lowest temperatures by several degrees. On a smaller scale, a pool also helps create a micro climate that is warmer.
2. As to your three types of plants mentioned, generally the phals should be ok down to the low 30s overnight. Cats depend on which species or hybrids you have. With hybrids, look up the parentage to research cold tolerance. Most cats will tolerate the low 40s or upper 30s briefly overbite.
Dendrobiums are readily broken into two groups based on appearance. The plants with upright, rigid canes are much more cold tolerant than the plants with very long canes stretching to the side and generally down from the roots. This latter group are almost all warmth loving plants from tropical areas and prefer overnight lows in the mid 50s or higher.
3. Outside growing exposes you plants to summer rains and summer heat. Rains bring fungus, so prepare with Bayer three in one, Thyomil or Dithane. Heat brings bugs that love your plants too. So the 3 in 1 above is good for that too.

I hope you can stop by as a guest at one of our meetings . We have a good mix of orchid “newbies” and some long time pros. All of us learn new techniques, hints and ideas for better growing. We hope to see you there soon. Meeting data is on the NOS website.

Would you like an Orchid?

NOS member Mark Hudak has started 5 Dendrobium delicatum 'Junka Bear' orchids that are free to first 5 people that request one. Call him at: 239-682-4921.

OUR BUS TRIP TO TAMIAMI INTERNATIONAL ORCHID FESTIVAL

We are joining up with SWFL Orchid Society, Sanibel, and GCOA for a **BUS TRIP** October 2, 2021, Saturday, to the Tamiami International Orchid Festival. (www.tamiamiorchidfestival.com)

Costs (TBD) includes admission and bus ride! There's room under the bus for purchases. Bring along your pull carts and lunch and some CASH for International Vendors. Be on time for the bus at Tollgate Commercial Center 3845 Beck Blvd.,Exit 101 at 8:30 a.m. and leaving at 3:00 to return by 5:30 pm. **We have 25 seats allocated to NOS. The bus will fill up fast,so let us know ASAP!**

You can contact Lanelle at 239-250-8291 or 239-352-1860 or lbishop52@gmail.com
Carolyn Booker 239-777-4814 or cbrnwcc@gmail.com

Naples Botanical GARDEN

Our friends at Naples Botanical Garden have some great money saving offers for this summer! Check out their website—

https://www.naplesgarden.org/visit/plan-your-visit/plan-your-visit/

Museums on Us
Blue Star Museums
Summer Resident Discount
Free Admission with Collier County, Lee County, or Charlotte County Public Library Card

Do You *Smile* When You Order From Amazon?

If you order from Amazon, did you know that you could also support Naples Orchid Society with your purchase at no cost to you? Go to **smile.amazon.com,** it's the same company, same prices, same account and same everything, except Amazon will let you name a non-profit organization and donate 0.5% to it. NOS has already been registered and linked, but you will need to go to this website and name us as the organization you have chosen for the donation to go to. Remember to go to smile.amazon.com to order using your same account login and password for your Amazon account. Bookmark it so you will have a reminder. And **THANKS** for supporting your Society!

$26.70
For the period January 1 – March 31 2021

Upcoming Events

BIG NEWS!

***FROM MARTIN MOTES* - Tamiami 2021 will be at the Fruit and Spice Park in the Redland.**

Yes, it's Tamiami @ Redland and we could not be happier to welcome you to this event outdoors with all appropriate covid-19 protocols in place. Tickets for the festival will be available soon. The 2022 Tamiami will be at the regular venue in January 14-16, 2022 when we hope that the virus will be even more under control.

August 6-8, 2021: International Phalaenopsis Alliance, Inc.. Symposium 2021 at Apopka, FL. Information and registration: www.phal.org.

October 28, 2021: East Everglades Orchid Society Show (10/28 thru 10/31) Judging Chair: Bonnie & Will Riley Location: R.F. Orchids, Homestead, FL

SAVE THE DATE!!! **November 13-14, 2021**: Naples Yard & Garden Show, UF/IFAS Extension Collier County. Info: 239-252-4800; Facebook: @NaplesYardAndGardenShow

Orchidist's Word of the Month

Etiolation (ee-ti-o-LAY-shun):

Effect on green plant from loss of chlorophyll through exclusion of light, the normally green tissue becoming white or yellow by unmasking of carotenoids within the chloroplasts.

Did You Know That…

Your Naples Orchid Society is one of the sponsors of the IX International Conference on Orchid Conservation "Soroa 2021?" The Soroa Botanical & Orchid Garden & the University of Artemisa announce the IX International Conference on Orchid Conservation "Soroa 2021," which take place November 22-27, 2021 at their facilities. For more information on the Conference, contact Dr. Lawrence W. Zettler (lwzettle@ic.edu) or Dr. Ernesto Mujica, Benitez Scientific Secretary (emujica@upr.edu.cu.)

YOUR AOS REP
Marilyn Moser
Mm3purple@aol.com

AOS WEBINARS – COMING ATTRACTIONS

(registration required: www.aos.org/orchids/webinars.aspx - webinars are available to view at your leisure from the same page if you are not available at that time.*)*

July 06, 2021: 8:30pm EDT, Tuesday. Topic: Greenhouse Chat (Orchid Q & A)
Send in your questions. Presenter: Ron McHatton, Chief Education & Science Officer.

July 15, 2021: 8:30pm EDT, Thursday. Topic: Cyrtochilums: Dancing Ladies of the High Andes. Presenter: Dr. Leslie Ee, ND, Associate Judge, President of COC.

Recorded Webinars at your convenience:

Culture, Judging, Pests & Diseases, Greenhouse Chats indexed by topic. AOS Members, Judges, Concerned Conservationists, Scientists & more.
Webinar announcements pre-posted to Facebook, Instagram and in the AOS Corner of your affiliated society's newsletter. Send your Greenhouse Chat questions and photos to: greenhousechat@aos.org.

West Palm Beach Judging Center News

WPBJC monthly judging is BACK! Please follow the instructions below if you plan to attend or bring Plants:

The West Palm Beach Judging Center is happy & excited to announce that in-person judging will be on Saturday, July 24 2021.

To conform with Broward County's COVID guidelines, the location has been changed to the outdoor Flamingo BBQ house. All attending will be required to
-wear a mask covering their noise, mouth & chin
-observe proper social distancing at all times
(chairs and tables will be arranged accordingly; no visitors at judging tables)
-hand sanitizing will be required; bring your own supply.

No food will be provided (though you are welcome to bring or buy your own.)

To ensure as smooth a process as possible, please PRE-REGISTER your plants by Friday, 7/23 by 3 pm. ***(See form on page 10)***

Please email to Jackie Wood (bocaorchidlady@aol.com):
1) the name of the plant (if a hybrid, please include the parents)
2) your name and contact information

Late entries will still be accepted up to Saturday at 1:30 pm, however pre-registration is greatly appreciated.

American Orchid Society—West Palm Beach Judging Center

Entry #: _____

Plant Name: _____

Clonal Name: _____

Parentage: _____

x

_____

Date: _____

Entry #: _____

Exhibitor Name: _____

Address: _____

City: _____

State: _____

Zip: _____

Telephone: (_____)_____

email: _____

Flamingo Gardens Botanical Gardens & Everglades Wildlife Sanctuary
3750 South Flamingo Road
Davie, FL 33330-1614
(954) 473-2955
www.flamingogardens.org

WPBJC Affiliated Orchid Society Shows and Judging dates:

October 28, 2021: East Everglades Orchid Society Show (10/28 thru 10/31)
Judging Chair: Bonnie & Will Riley
Location: R.F. Orchids, Homestead, FL

WPBJC Monthly Education Sessions

Education Topics 2021

Because of COVID restrictions, all education sessions will continue virtually via Zoom.

If you are interested in attending any of these upcoming education sessions, contact Jackie Wood, WPBJC Chair, for dates, times and zoom links.

WPBJC Info: www.wpbjudging.org

Spotlight on Orchid Research

A few highlights from one of the most recently awarded Research grants by the Board of Trustees upon recommendation from the Research Committee

"Comparative analysis of terrestrial orchid seeds to inform ex-situ conservation in Europe."
Sara Magrini, PhD - Tuscia Germplasm Bank, Tuscia University (Viterbo, Italy)

The ex-situ conservation of orchid seeds in seed banks is potentially a cost-effective tool to provide a long-term extinction-proof backup of the genetic diversity of these species. However, seed-banking is not widely used for orchid conservation, yet, probably due to the evidence emerging that the seeds might have a shorter than expected lifespan under conventional seed bank conditions (dry storage at −20°C). The causes of such accelerated viability loss in orchid seeds remain unknown and is a key outstanding question in orchid conservation biology that needs answering.
An association between lipid crystallization and poor storage at subzero temperatures has been suggested for seeds and fern spores. One of the best means of determining such risks is thermal analysis. Differential scanning calorimetry (DSC)
can be used to rapidly characterize the physical properties of seeds at different temperatures (often down to −100°C). DSC, therefore, has the potential as a high-throughput, non-invasive tool to observe lipid phase transitions and understand variability in storage performance of seeds stored in seed banks (Hamilton et al. 2009).
A complete study of European orchid seeds' behaviour during low-temperature storage in seedbanks is needed to understand the poor storage performance of some species and to inform optimized ex-situ conservation options for these species.
The research idea arises from this need and involves two seedbanks:
The **Tuscia Germplasm Bank** (TGB) at Tuscia University, Viterbo (Italy), one of the very few European facilities devoted to ex-situ conservation of orchid seeds and the Royal Botanic Gardens Kew (UK), home to the **Millennium Seed Bank** (MSB), the largest seedbank worldwide.

The objectives of this project are:
1. To define the storage performance of seeds of the European orchid genera through viability assessment and longevity studies
2. To characterize biophysically the crystallization/melting patterns of orchid seeds by thermal profiling in DSC results
3. To investigate the relationship of poor storage performance (1 above) of orchid seeds stored dry at −20°C with their lipid crystallization and melting dynamics (2 above) through thermal analysis using Differential Scanning Calorimetry (DSC).
4. To predict the optimal storage temperatures for long term storage of orchid seeds, likely by avoiding freezing damage promoted by lipid crystallization and melting.

FROM MARTIN MOTES JUNE 2021 MONTHLY NEWSLETTER

Progress of the Season

From Martin Motes, PhD's June Monthly Newsletter

This May has been the most perfect for our orchids and ourselves in a lifetime. Night time temperature in the sixties and day times in the eighties till the very end of the month. These swings in temperature so appreciated by our orchids have resulted from very dry air which has allowed the warmth of the day to radiate out rapidly and fully at night. Rapid drying has also taken place id this dry air enhanced by brisk breezes. These are perfect conditions for orchids which relish drought and are the perfect environment for the grower to have complete control of watering, always watering heavily and allowing the proper degree of drying for each genus. A May which is more like April has given our plants a healthy disease-free start to the growing season. Let's keep them that way with the spray program in *Fla. Orchid Growing* and a careful watering regime.

Our vandas have been a bit stressed. Under the dry conditions that have prevailed, they will occasionally need a second watering in the afternoon. This is best applied at 3:30- 4:00 PM. The extra water will also cool the leaves allowing them to open their stomata earlier and benefit from some additional carbon dioxide. Although they may not be totally dry by nightfall, the slightly damp roots can absorb more water more slowly across the night. Careful observation for the first signs of crown rot is always warranted and an application of antiseptic strength hydrogen peroxide is curative if a small brown spot is observed.

Thrips, while kept somewhat subdued by the lower temperatures, less to their liking, are always ready to take advantage of whatever opportunity they are presented with. Each passing day will see slight increases in temperature, placing the ball in the *Thrips* ' court. Use the methods in *Fla. Orchid Growing* to control them.

Our cattleyas, dendrodiums, and other sympodials have gotten off to a splendid start of the growing season. Careful watering through June will allow them to harden disease free bulbs. Be sure these plants are completely dry before watering them in June.

The first rains that ended May's drought are not the real beginning of the rainy season but rather a continuation of the pattern of cold fronts but this time bringing heavy rain as is more typical of late April. The rainy season has truly arrived following this surge of moisture raising humidity to high enough levels for the month to end with thunder storms spawned on the land/sea breeze. On the last day of May the rainy season has finally come with its dangers of disease. This year we are well positioned to take it in stride.

Continue to enjoy the cool mornings while they last.

TASKS FOR JULY

From Florida Orchid Growing Month by Month by Martin Motes, PhD

- Dry plants hard once or twice.
- Apply liquid fertilizer instead of water during dry patches.
- Watch for *Thrips* when rain has been sparse for several days.
- Finish top cutting and planting of vandaceous genera.

FROM AOS "GROWING ORCHIDS' MONTH-BY-MONTH CHECKLIST

By Robert M. Scully Jr.

A root condition to avoid is the development of snow mold, a white fungus that looks just like what the name implies. Snow mold can appear on the surface of the potting medium, but more likely it will develop in the root zone. An insidious problem, the mold often escapes detection until the root mass has been smothered in a rapidly deteriorating medium. The condition is treatable. Affected plants will not be lost. However, snow mold seems to appear most frequently when media are kept too wet, causing the roots to rot and the substrate to become a soggy mess. Snow mold is a saprophytic fungus that actually works to hasten the potting medium's decomposition. Monitor watering practices to avoid the problem. Blend a small amount of redwood chips in the potting material to increase the acidity and deter snow mold. Repot affected plants, and be sure to remove all of the old medium before rinsing the roots in a weak solution of Physan.

Maintain the fertilizer regime at the highest frequency. The more growth achieved now, the more flowers the orchids can support in their blooming seasons.

Insects are most active during the warm months. Inspect the undersides of leaves for undesirable creatures in hiding. Remove dried sheathing on cattleya pseudobulbs to eliminate a hiding place.

MORE ORCHID TERMS

From "Orchids" AOS Magazine

- **clinandrium** – cavity in the apex of the column where the anther rests
- **dorsiventrally** - flattened like a leaf blade
- **imbricate** – having regular overlapping edges
- **saccate** - sack like

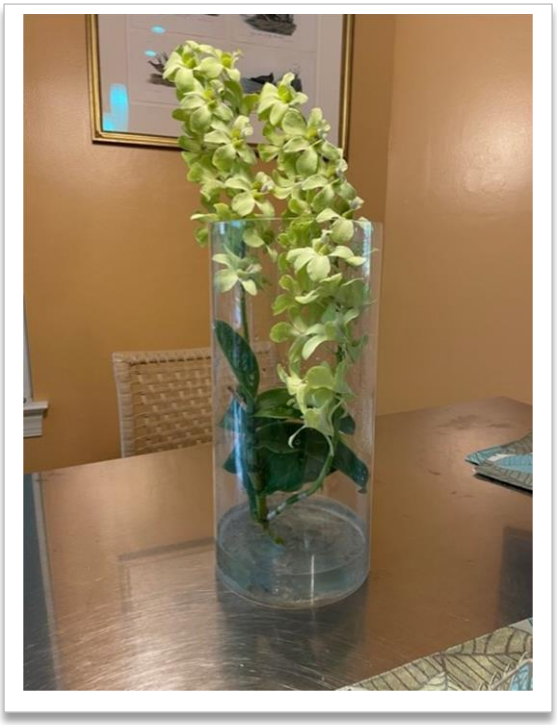
Did you know that Naples Orchid Society will be 60 years old in 2022?

NAPLES Orchid SOCIETY since 1962

AND A GOOD REMINDER FROM MARTIN MOTES

Dry plants hard once or twice…

A root condition to avoid is the development of snow mold, a white fungus that looks just like what the name implies. Snow mold can appear on the surface of the potting medium, but more likely it will develop in the root zone. An insidious problem, the mold often escapes detection until the root mass has been smothered in a rapidly deteriorating medium. The condition is treatable. Affected plants will not be lost. However, snow mold seems to appear most frequently when media are kept too wet, causing the roots to rot and the substrate to become a soggy mess. Snow mold is a saprophytic fungus that actually works to hasten the potting medium's decomposition. Monitor watering practices to avoid the problem. Blend a small amount of redwood chips in the potting material to increase the acidity and deter snow mold. Repot affected plants, and be sure to remove all of the old medium before rinsing the roots in a weak solution of Physan.



What do you do when a spring squall breaks a Dendrobium pseudobulb heavy with many glorious flowers?

Make a floral arrangement!

Sheila Demkovich worked oh so hard on this arrangement after the storm, and now this lovely orchid spray graces her dining room table.

The Centennial Celebration Gala tickets

&

2021 Fall Members Meeting Registration

are now open!

….. 2021 Update: Sponsorship enrollment is also now available in our website!

Click here for event information, registration, ticket purchases, and accommodation details. Updates will be posted in an ongoing basis, so check back often!

Any questions regarding the Centennial Celebration or the Fall Members Meeting can be directed to the AOS Headquarters (TheAOS@aos.org) or by telephone (305) 740-2010.

The Gala will be held on Saturday, October 30th, 2021 at the Biltmore Hotel in Coral Gables, Florida. We look forward to welcoming you as we celebrate this momentous occasion.

Hotel information, pricing and group code for reservation remains the same. If you have any questions, please contact AOS Headquarters by email or telephone.

You can become a sponsor of this momentous event by making your contribution at www.aos.org/donate and selecting "Centennial Celebration Fund" from the Distribution drop-down list.

EDUCATION UPDATE

Kit Kitchen-Maran
Education Chair

Here's a Great Beach Read!!!

If you like reading about orchids, like mystery stories and haven't read A Plain Vanilla Murder by Susan Wittig Albert yet, then grab this one for summer reading. I know this isn't what I usually write about, but the series with China Bayles as the protagonist is one of my favorites. And imagine my surprise to find this latest one, 2019, at my library.

It's all about Vanilla orchids, and not superficially either. This series is about herbs and plants that figure in the stories. The author does her research and this one really shows off her efforts. In this book you will learn a lot about where Vanilla grows, the history of its discovery, and intrigue of getting it to market. There are even recipes for such delectables as Vanilla sugar, Vanilla syrup, Vanilla paste and even how to make your own Vanilla extract. The mystery story is a good one too.

There's rivalry to possess a Very Exotic Orchid that I had to look up online, and much to my surprise, it's real and there are even pictures of it there, so that part wasn't fiction. It's Telipogan diabolicus. There's scientific efforts to hybridize….but you should read this book yourself, it's very rewarding. Speaking of scientific…

Our July meeting will feature Drs. Larry Zettler and Brent Chandler and his student, Tony Ruiz. And someone you know, Dr. Zettler's former student – Adam Herdman, who is working towards becoming a professor and scientist himself. They will all be in the Florida Panther National Wildlife Refuge in July, working on native orchids there. This meeting should be full of orchid intrigue and new information about our SWFL orchids and you won't want to miss it. The COVID19 regulations requiring reduced attendance have been lifted, so you don't need to RSVP.

On another topic, we did watch the plots where we had seen Calypso bulbosa last year and sure enough, they popped up again this May. Plus, La Raw found another patch of them. There were enough for us to decide to send a whole leaf, bulb and root to the Smithsonian Environmental Research Center, where the North American Orchid Conservation Center is located. The DNA and mycorrhizal fungus will be determined and recorded as having been from Fairbanks, AK. While not a very rare orchid here, it is not popping up like the dandelions are either. These wee native orchids are cute and don't last long and since they are pollinated by a bee, there haven't been any seed capsules that we've seen. I think they may divide themselves under the sphagnum moss in which they grow.

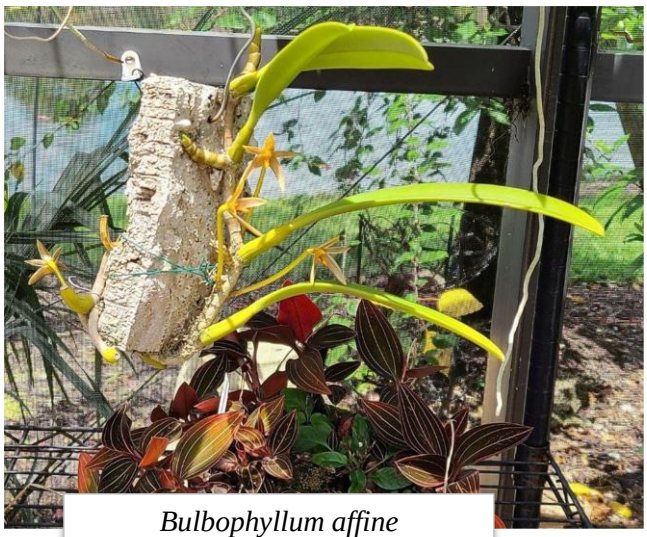
I'll make another plea for two members to be Orchid Doctors to present a half hour, pre-meeting discussion topic at the September and October meetings. Our board of directors has just sweetened the deal; there will be a $50 gift card thank you for the folks who become Orchid Doctors for a meeting. Please email me, kachinusa@aol.com, if you are interested.

What's Blooming in My Collection?

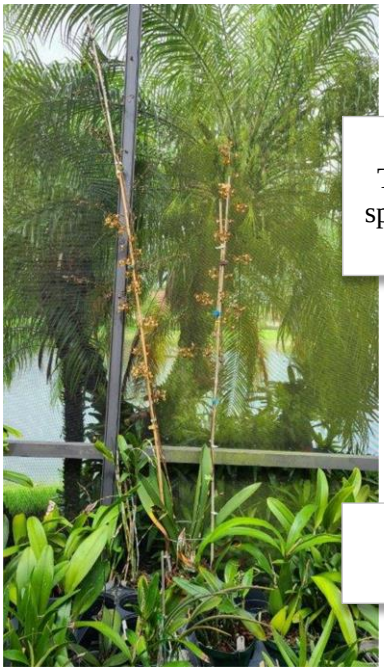
Bc. Little Mermaid
Marilyn Moser

Bulbophyllum graveoleum
Marilyn Moser

Cattleya Martin Wolfe
Dick Pippen



Bulbophyllum affine
Dick Pippen



Dick says:
The *Trichocentrum undulatum* spikes, 3 of them, are over 6 feet tall!!

Trichocentrum undulatum
Dick Pippen

Lsu. Dick Pippen's SunCoast 'Pink Heaven'
Veronica Catrombon

Naples Orchid Society
Monthly Plant Table Results
June 3, 2021

Large Cattleyas
First Place: Rlc. Rios Green Magic
Owner: Ann Marie Fox

Small Cattleyas
First Place: Lsu. Dick Pippen's SunCoast 'Cute t'Boot'
Owner: Karen Davenport

Large Vandas
First Place: V. Nancy Brown x V. Dr. Anek
Owner: Karen Davenport
Second Place: Pda. Chua Chu Keng
Owner: Mary Lane

Small Vandas
First Place: V. Haad Rawai
Owner: Mary Lane

Dendrobiums
First Place: Den. Anucha Gold
Owner: Karen Davenport

Large Phalaenopsis
First Place: Phal. I-Hsin White Swan
Owner: Karen Davenport

Large Species
First Place: Laelia purpurata var. carnea
Owner: Karen Davenport

Medium Species
First Place: Encyclia tampensis
Owner: Karen Davenport
Second Place: Renanthera philippinensis
Owner: Karen Davenport

Small Species
First Place: Tolumnia prionochila
Owner: Karen Davenport

Oncidium Alliance
First Place: Tolumnia Robsan 'Orchid World'
Owner: Karen Davenport

Best Species Award
Plant Name: Encyclia tampensis
Owner: Karen Davenport

Best Hybrid Award
Plant Name: Rlc. Rios Green Magic
Owner: Ann Marie Fox

Green Tag Winner:
Plant Name: --A neat Metal Plant Stand
Winner: Mary Lane

SPECIAL NOTE TO PEOPLE ENTERING PLANTS FOR MONTHLY COMPETITION: Please be very careful to enter your plant in the proper category AND to complete the green entry tags as accurately as possible, especially the Number assigned to your plant. This will assist the Plant Table People to accurately assign ribbons to the correct plant. Thanks.

Gold Ribbon Winners June 3, 2021

Photos this page by Susan Roehl, NOS Webmaster

Best Hybrid Award
Plant Name: *Rlc.* Rios Green Magic
Owner: Ann Marie Fox

Best Species Award
Plant Name: *Encyclia tampensis*
Owner: Karen Davenport

An Orchid Vignette—Two Worthy Orchids—Dennis Junka and Twilight Song

Contributed by Dick Pippen

Brassolaeliocattleya (*Blc*.) Dennis Junka (photo left) and *Laeliocattleya* Twilight Song v coerulea (photo right) appear to have little in common, except that they are both pretty orchids in the "cocktail" size (3.5 – 4 inches across). Well, they do have a common connection. *Blc*. Dennis Junka is a cross between *Lc*. Ann Akagi and *Rhyncholaelia glauca*. *Lc*. Twilight Song is a cross between *Cattleya walkeriana* and *Laelia anceps*.— Connection—one of *Lc*. Ann Akagi's "grandparents" is *Laelia anceps*!! Ah ha! I knew if dug deeply enough I could find a connection 😊.

I received my plant of *Blc*. Dennis Junka from David Junka, the speaker at the June 2012 NOS meeting. Actually, I was unable to attend that meeting, so I had asked Norm Dolder to pick out a plant for me, and this is the one he chose. I was pleased with his choice because I like *Rl. glauca* and its hybrids. Dennis Junka blooms for me twice a year, usually around January and May or June. This hybrid was created by David Junka and registered by him in 2006 (Dennis was his brother). It has not garnered any awards nor been used as a parent in any crosses.

Lc. Ann Akagi (photo left) is a cross between Lc. Puppy Love and C. nobilor. One of *Lc*. Puppy Love's parents is *L. anceps*. Ann Akagi was created and registered by H&R Orchids of Hawaii in 1991, It has garnered six awards and has been a parent in 22 crosses.

*Rhyncholaelia glauc*a (photo right) is a well-recognized species that used to be in the genus *Brassavola* but was transferred to *Rhyncholaelia* many years ago. I like it because of the very waxy texture of the flowers and the shape of the lip. Ann Akagi dominates in Dennis Junka except for the waxy texture inherited from the glauca parent.

(cont'd.)

An Orchid Vignette *(contd.)*

Lc. Twilight Song has to be a choice orchid because it is a cross between two of my favorites, *C. walkeriana* and *L. anceps*. I received this plant at the October 2014 NOS meeting from Alan Koch, Gold Country Orchids who was the featured speaker at that meeting. This orchid is a once-a-year bloomer, usually in May. It is an "oldie but goodie," created by Stewart Orchids of California and registered by them in 1974. It has garnered nine AOS and international awards and has been used as a parent in seven crosses.

Cattleya walkeriana (photo left) is an amazing species. The picture I have included here is of a semi-alba form, but the typical color is "your basic orchid lavender." This is an important species in hybridization not only because of the flower with its unusual lip, but because of its very compact size. *C. walkeriana* has garnered a whopping 522 AOS and international awards and has bee a parent in 408 crosses with over 2500 grandkids!!! This species is native to Brazil.

Laelia anceps (photo right below) is another well know species. I like this not only because of the lip, but also because the stalk is long and the flowers are held up above the foliage. This species has also been important in breeding hybrids. It has 323 first generation offspring and has garnered 237 AOS and international awards. *Laelia anceps* is a native to Mexico and Central America and is therefore still considered to be a Laelia unlike those former Laelias from South America which are now considered Cattleya.

Since Laelia anceps is till a *Laelia* there are some name changes of note here. *Blc*. Dennis Junka is now a *Rhyncatlaelia*. The rest of the plants discussed here have retained their traditional names. All of the plants here are really nice additions to any collection. Try them.