



Volume 27

Issue 7

July 2019

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THE KEIKI



For our July meeting we will hear from
Louis Del Favero, of Louis Del Favero
Orchids, in Tampa.

Time is 1:00 pm, at the usual meeting place.

CALENDAR OF SPEAKERS/EVENTS FOR NATURE COAST ORCHID SOCIETY FOR BALANCE OF 2019

- JULY 20TH: LOUIS DEL FAVERO ORCHIDS, INC.
- AUGUST: **NO MEETING THIS MONTH**
- SEPTEMBER 22ND: **PLEASE NOTE CHANGE OF DATE & TIME!!!**
 - SPECIAL MEETING ON SUNDAY 9/22 AT 12PM
 - BY THE TARZANE GROUP: "GIANT WORLD OF MINIATURE
 - ORCHIDS & GROWING IN SIMPLE SETUPS"
- OCTOBER 19TH: PLANT AUCTION AT VFW HALL
- NOVEMBER 2ND: PICNIC AT CREWS LAKE WILDERNESS PARK
(PASCO COUNTY), PAVILION #1
- DECEMBER 7TH: CHRISTMAS PARTY AT BUFFET CITY,
BROOKSVILLE

We are very sad to inform our members that Richard Ratajczak, 82, of Spring Hill, passed away on June 29th. Richard was a valued member of our society and for such a long time faithfully took charge of the orchid club raffle when we used to meet up at Oak Hill hospital.

EXECUTIVE BOARD**OFFICERS**

<u>President</u>	Steve Mattana
<u>Past President</u>	Jeff Rundell
<u>1st Vice President</u>	Geary Harris
<u>2nd Vice President</u>	Celeste Ogden
<u>Treasurer</u>	Pat Baig
<u>Executive Secretary</u>	Pat Dupke
<u>Advisory Capacity</u>	Helen Battistrada
<u>Recording Secretary for meetings</u> (not an elected position)	Kara Ramsey

COMMITTEES

<u>Bulletin (The Keiki)</u>	Matt Riesz and Julie Smolka
<u>E-mail Co-ordinator</u>	Tim Smith
<u>Historian</u>	Mary Lou Mattana
<u>Librarian</u>	Celeste Ogden
<u>Membership</u>	Arlene Appelbaum, Carol VanderLaan
<u>Publicity</u>	Mary Lou Mattana
<u>Refreshment Table</u>	Volunteers please
<u>Refreshment Reminders</u>	Mary Lou Mattana
<u>Show Table Report</u>	Matt Riesz
<u>Speaker Segment Writer</u>	Kara Ramsey
<u>Trips</u>	Sonia Terrelonge
<u>Webmaster</u> (Website set up by Ken Dunn)	Bob East

Mary Lou Mattana

People that
signed up to
bring food are:

Snacks

Pat Baig
Marie Tanaka
Marge/Berry Waig

Drinks/Water

Javon Parker

We are very low on water, so anyone interested in bringing in some bottled water, would be greatly appreciated.

HELP!

Thank you to the ladies that help with the cleanup, it's very much appreciated !!

TREASURER'S REPORT

By Pat Baig



Balance as of 5/31/19	\$10,445.91
Total receipts (raffle)	\$160.00
Total disbursements	\$371.00
Balance as of 6/30/2019	\$10,234.91



From the Desk of Steve Mattana

We certainly had a wonderful meeting with Accent Orchids, Bret and Ruth. Their program on misting your orchids and setting up a misting system was quite informative. From my point of view, not a bad investment to make, considering how much we have invested into plants. Most of us have at least \$200 - \$300 worth of orchids and a good watering system is very important. That way you don't have to worry about going away and your plants drying out.

Your new officers are, returning president, Steve Mattana, 1st VP is Geary Harris, 2nd VP is Celeste Ogden, returning as treasurer is Pat Baig and returning as secretary is Pat Dupke. Thank you to those who stepped up to fill the vacancies.

Our July meeting will be presented by Louis Del Favero of Del Favero Orchids in Tampa. He'll be speaking on cattleyas. Louis will have plants for sale.

Remember there is no meeting in August for members, however there will be a board meeting. This time, though, it will be on a Tuesday, August 13 from 11AM-12:30PM.

In September we will have the Tarzane Group from Miami. The meeting will be on Sunday, September 22nd. I am certainly looking forward to their presentation on miniature orchids. Many I'm certain we have never seen before. They will also be bringing up live moss that we can cultivate ourselves.

Our annual auction will be October this year.

Please note it will be on the 9th of October, not the third Saturday per our usual meeting dates. Hopefully each member will bring at least two plants for us to auction off. The auction is our main fundraiser, which allows us to bring in guest speakers, pay our rent at the VFW, the food for our picnic and other things we do for the organization. I am looking forward to great attendance at this event.

Happy growing!

S

Ken and Delia Dunn have been our Keiki editors for what seems like forever. They've done a great job and we want to wish them well in their future adventures.

We had a great cake for them at the June meeting and a few fingers were used to "test the quality"



Membership Notes for June



By Arlene Appelbaum

It's hard to believe that July is here. June seemed to be a blur of heat, rain, more scorching heat, and yes, more rain. Well it is summer in Florida. I hope that you and your orchids are keeping comfortable.

June's orchid society meeting was attended by 45 members and 8 guests. The winner of the member's raffle was Janet Brady.

Remember that we have decided to discount new membership for the remainder of the year to \$10.00 for a single membership and \$12.50 for a family. So if any of your friends are still thinking about joining us, now is the time to take advantage of this excellent rate.

I am holding name badges for the following people and will have them at our July meeting:

- Valeria and Jon Dragonswan
- Marge Waig
- Barbara Hogan
- Jane Norris

For a complete membership list send a message to ncos2gether@gmail.com. Membership badges can be ordered through me at anytime. The cost is \$13.50.

MEMBERS:

Arlene has graciously taken over sending get-well cards and sympathy cards to members. If you know of any members who are ill or grieving, please send her an email to let her know at fluffy2cats@gmail.com

THANK YOU!



If you can possibly receive The Keiki electronically (i.e., via Email) PLEASE let us know. There is a substantial cost to the society for sending it to you via U.S. Postal mail.

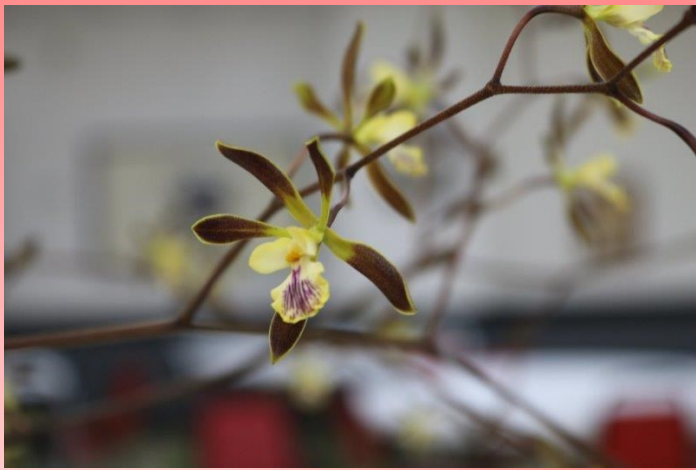
NCOS ORCHID QUIZ

1. Which of the following is the Darwin orchid?
 - A. *Neofinetia falcata*
 - B. *Paphinia herrerae*
 - C. *Angraecum crestwood*
 - D. *Angraecum sesquipedale*
2. Which genus often produces flower spikes from a sheath?
 - A. *Cattleya*
 - B. *Oncidium*
 - C. *Vanda*
 - D. *Gongora*
3. Which orchid genus has two different flower forms on the same inflorescence?
 - A. *Dendrobium*
 - B. *Dimorphorchis*
 - C. *Catesetum*
 - D. *Vanda*
 - E. *Phalaenopsis*
4. Which genus contains many plants with foul smelling blooms?
 - A. *Dendrobium*
 - B. *Bulbophyllum*
 - C. *Stanhopea*
 - D. *Phalaenopsis*
5. Which of the following orchids are generally grown bare root
 - A. *Vanda*
 - B. *Oncidium*
 - C. *Catasetum*
 - D. *Encyclia*

Answers on page 16

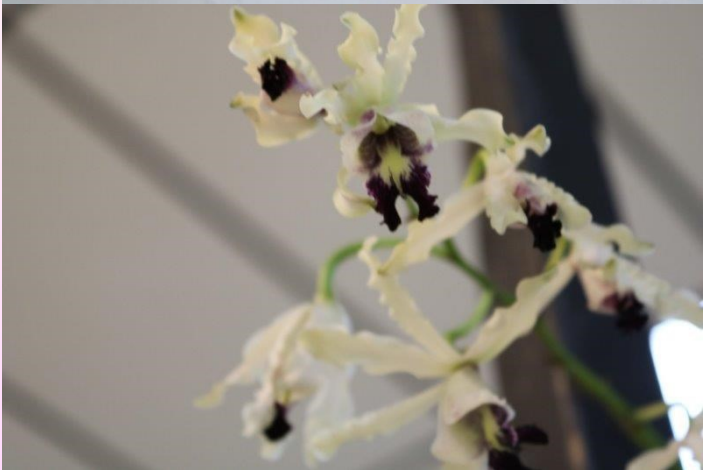
NCOS Show Table May-18, 2019

<u>Plant Name</u>	<u>Grower</u>
Den. Hula Girl	Delia Dunn
E. alata	Delia Dunn
E. Abba	Regina Epple
Cym. Absolmoun 4N	Gary Gethen
Epi. rousseauae	Gary Gethen
Pda. Josephine Van Brero 'Kultana'	Gary Gethen
V. Mem. Louis Hatos (Asda. John de Biase x V. tessalata)	Gary Gethen
Aranda Moonlight (Aranda Sayan x V. Bangkhuntian Gold)	Gary Gethen
Pda. Cindy Banks 'Bills Choice' (Pda. Mimi Palmer x V. luzonica)	Gary Gethen
Phal. Yin's Green Jewel 'Montclair'	Steve Mattana
Phal. Sumatrana	Steve Mattana
Phal. Bellina	Steve Mattana
E. tampensis f. alba	Steve Mattana
Vanda Hybrid	J. Parker
Onc. Speckled Spire 'Whisp'	J. Parker
Angraecum Joyce Stewart (Angcm. cucullatum x Angcm. Scottianum)	Kara Ramsey
Aerangis Biloba	Kara Ramsey
Psh. radiata	Jeff Rundell
Bulb. saurocephalum	Jeff Rundell
Aer. houlletiana	Jeff Rundell
Psh. Green Hornet	Debbie Smith
Mcp. albopurpurea	Julie Smolka











Speaker Notes by Kara Ramsey

Our speaker for this month was Bret Ullery from Accent Orchids of St. Petersburg, FL. He gave a discussion on how to design a watering system for your orchid growing area. We have all been there – that time when you have to leave to go out of town. But what about *all* of your orchids, who will take care of them? What friend are you going to have to bribe or con into watering your plants? Rather than burdening someone else with your obsession, consider investing in a watering system to give you peace of mind and ensure that your plants get exactly what they need while you are away.

The majority of us that grow orchids have probably started out by hand watering our plants using a hose sprayer. The best style hose sprayer is one that features several small holes on the wand head, which produces a fine mist spray with little to no pressure behind it. You want to be able to thoroughly water your plants without causing physical damage to them. One of our previous speakers from earlier this year, Bill Nunez, recommended using a Wonder Waterer watering wand. With this simple hose setup you can utilize an adapter that allows you to run a water soluble fertilizer directly through your hose rather than lugging around a heavy pump sprayer. This adapter attaches directly to your spigot and siphons from a stationary 5-gallon bucket containing your water-fertilizer mixture allowing you to feed plants using your hose sprayer. This is a very simple and efficient setup, especially if you have only a small collection of plants. But what do you do if you have a larger collection of orchids or desire to dream bigger?

If you have more than just a few orchids or you do not wish to invest that much time into watering your plants every day, then consider installing a watering system for your growing area. Misting hose is a material that is easy to work with that could be used to construct your own watering system. This tubing comes in 50-foot rolls and when hung from the ceiling of a greenhouse will create a rainforest effect. Special adapter tools allow one to cut into the tubing to install sprayers and extensions that will allow water to flow in nearly every direction. Pro tip, you want to put everything up all at one time. Bret has learned from experience that as the tubing is moved it will twist, and if your spray nozzles are already installed they will now be pointing in every which direction as the hose twists resulting in an uneven spray. The misting hose system is easy to install and user friendly. If after installation you find that you have a spray nozzle that is spraying outside of the area that you want to target you can install a “goof plug”, which caps that portion of the hose and allows you to move that sprayer to another location. This system is versatile and the tubing can be hung from the ceiling in the greenhouse, laid on the ground, set on a bench, or even attached to a fencepost in order to water your plants. At his greenhouse, Bret has graduated from the misting hose to a more elaborate but similar PVC watering system for his plants. He utilizes a 1” PVC pipe at the start of his watering system (closest to the well), decreasing to a ¾” pipe further along his set up, and ultimately a ½” size pipe just before the spray nozzles are reached. This allows him to build up enough water pressure throughout his system in order to run up to 40 spray nozzles per zone. Water pressure is key to getting good coverage output from your sprayers.

Now that you have your watering system installed, how do you go about automating it to water your plants when you are out of town? The easiest method is to purchase a timer that when attached to your spigot will open the valve at a programmed time to turn the hose on and run the watering system for you. These automatic timers can operate for a period of about a year using a couple of batteries. In addition to timers that are programmed to go off on a set schedule, there are timers available that activate your watering system directly from an application installed on your phone. Most of the timers on the market will give the grower lots of customizable options to water their plants across several zones watering multiple times a day.

Let's talk about types of sprayers. When designing your watering system you want to think about how you want the water to come out and come in contact with your plants. A spinner type sprayer will produce a pattern of random droplets of water covering an eight foot radius. There are a series of sprayers with color coded tips that are designed to output water at a certain rate in gallons per hour. These spray nozzles produce a fine mist spray for watering plants. When using this type of spray nozzle it is important to run a pressure test on your watering system to determine the maximum number of sprayers your system can accommodate. When designing where to locate your spray nozzles remember that it is best to water plants from all sides, if possible, especially hanging plants. If you are only watering your plant from just the one side it is possible for a breeze to rotate your plant around to where it is no longer receiving any water. Bret recommends aligning your spray nozzles in rows and ensuring that there is some overlap in the radius covered by their spray. Also, you want to stagger the height of the spray nozzles in your system. The reason being that if they are all situated at the same height the spray of water from the nozzles will collide with one another and then fall directly to the ground. Thus, by overlapping the sprayers and staggering their heights you ensure that all of your plants are receiving water and that no dry spots are created. One of his favorite businesses to view sprayers in action is Imperial Builders & Supply in Apopka, FL. At their store they have a display area to showcase all of their sprayers that they can turn on so you can get a real feel for how a spray nozzle design will behave.

You can design your watering system to be as elaborate as you want. For instance, to combat the summer heat you might install a thermostat that would trigger your pumps and/or hose to turn on if a certain temperature was reached within the greenhouse. Groundwater here in Florida averages 72°F year round and could be used to help cool your greenhouse during hot summer afternoons. For those do not want to fuss with applying fertilizer or insecticides to their plants consider installing a Dosatron, or water-powered dosing pump. Bret has one of these installed on his watering system. He premixes his chemicals which are placed in a 35-gallon drum to which the Dosatron is hooked up, sets his dosing rate (ppm), and lets his watering system do all of the work. When using a Dosatron it is essential not to have any minerals present in your water source. To ensure this Bret has installed a 1,000 micron filter ahead of his Dosatron system to remove any impurities that may be present in the groundwater coming from his well. For an investment of a few hundred dollars you could set up your own basic watering system for your growing area. In doing so you might gain that extra time to enjoy another cup of coffee or read that book you have meaning to get to. It can provide you with that peace of mind when you are away in knowing that your collection is being cared for properly and that your investment is protected.



Minutes of June 15, 2019

Member's Meeting

By Kara Ramsey

Steve Mattana welcomed everyone to our monthly meeting and Arlene Appelbaum recognized the eight guests that were present during today's meeting. After the introduction of guests, Steve made a request to approve the minutes from our previous meeting held on May 18, 2019. This motion was seconded and the minutes were approved.

Steve discussed several items of interest to the club. During the most recent board meeting a decision was made to cancel our August meeting. As our speakers Paul Phelps and his wife Trisha of Phelps Farm Orchids could not attend sighting family health reasons. And since there were no objections from club members at the meeting to attempt to reschedule a speaker, it was approved that our August 17, 2019 meeting will not be held. There will, however, still be a board meeting held as scheduled during the month of August. As a reminder, our annual auction will be held in just a few months. Our auction is the lifeblood of our society. The funds that are raised from the auction allow us to bring in vendors to talk to the club and to put on our spring show. We ask that if you are able, please consider donating one or two plants that you can spare to help us generate these funds. Currently, our 2020 Spring Show is planned to be held during the 2nd weekend in March, which will be Saturday, March 14th and Sunday, March 15th. Within the next few months we will begin seeking out ideas for next year's show and of course volunteers to help out with the show. The planning and organization of the upcoming show will be different than in year's past – we will have formed committees to help coordinate tasks associated with the show. Steve has confirmed that the Tarzane Group will be our presenter for the special September meeting. They will provide a discussion on growing miniature orchids to the club on Sunday, September 22, 2019 at 12:00PM. Our speaker for next month in July will be Louis Del Favero from Tampa, FL.

As a reminder, our club has wonderful reference

material and other resources that are available through our library to club members. If you are interested in these, see Celeste Ogden or her husband, West, who will be helping her out with the library duties.

Pat Baig provided our financial report:

Total receivables (from raffle):	\$157.00
Total disbursements:	<u>\$225.00</u>
Current balance (as of 6/15/19):	\$10,351.91

Jeff Rundell performed the ceremony for the installation of the new officers. The following individuals were installed: Steve Mattana for President, Gary Harris for 1st Vice President, Celeste Ogden for 2nd Vice President, Pat Dupkee for Secretary, and Pat Baig for Treasurer. We are very pleased that these dedicated individuals have volunteered their time and effort to help our society grow and prosper. Watch out for Jeff – because if you do not fulfill your responsibilities you will be remanded to his custody and forced to live out your days in a greenhouse full of weeds, mealybugs, fungus, thrips, scale, and NO orchids!

Jeff and Steve discussed the beautiful orchids featured on our show table for this month.

On behalf of the club Jeff took time to honor Delia and Ken Dunn with a special cake to mark their retirement as Editors of the Keiki during the refreshment portion of our meeting. As longtime members of our club (over 20 years), Delia and Ken have dedicated their time to assist the club with tasks such as producing the Keiki each month, obtaining our 501c3 nonprofit status, and other business related matters pertaining to the club. I am sure that they will still be around and involved in our club, but are taking some much needed time off to spend with family.

Speaker Bret Ullery from Accent Orchids provided a discussion on how to set up an automated watering system for your greenhouse.

The raffle was drawn and the meeting adjourned.

The American Orchid Society Webinars

Webinars are online video presentations. You can register for an upcoming webinar or watch the recorded webinars any time. Some webinars require you to be an AOS member.

Upcoming Webinars

Greenhouse Chat for July



Ron McHatton

Thursday, July 18, 2019

AOS Members: July Webinar



Thursday, July 11th, 2019

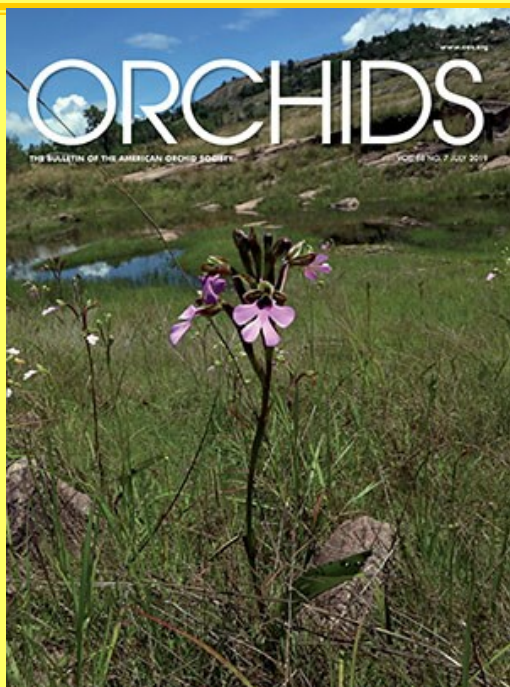
8:30 PM - 9:30 PM EDT

Join Jean Ikeson, AOS Judge, as she takes us on a journey through time to see trends in breeding and awarding of white cattleyas

The Care and Feeding of Stanhopea

Just click on: <http://www.aos.org/orchids/webinars.aspx>
and you can watch these videos at your convenience.

Some webinars are reserved for AOS members only.



FEATURED IN THIS MONTHS ORCHID SOCIETY BULLETIN

J&L Orchids turns 50 years old in July! Marguerite Webb and Cordelia Head treat us to the history of this venerable nursery located in Easton, Connecticut and its view to the future under its third set of owners. Art Chadwick and his father continue their series on United States First Ladies and their namesake cattleyas with an installment this month on *Rhyncholaeliocattleya* Melania Trump and Philip Seaton treats us to the Venezuelan native *Cattleya quadricolor*. Rounding out the July issue, Carol Zakahi treats us to an historical perspective on orchids, and *Vanilla planifolia* in particular, on the big island of Hawaii. .

Become an AOS member and you'll receive Orchids magazine monthly, plus loads of other benefits!

Repotting Your Phalaenopsis

Courtesy of Darlene Norton, via Facebook

Note: Most of this advice also applies to other types of orchids, as well as Phalaenopsis.

Repotting

Pull the clear plastic pot out of the decorative ceramic (assuming there is one) and just check to make sure your roots look good. They should be either green or white, and plump. Plump means plump...not stiff.

If all you see is thin, stringy stuff, brown *or* green (algae covered) be it wet or dry, you'll need to repot. If you pull a bit on a root and a "sleeve" or covering slips off easily, leaving just a "string" (that's the actual root!) that root is dead. The covering is called the vellum and it's like a protective covering and sponge that helps bring water to the skinny root inside.

Pull the plant out and remove all the media. Sometimes a good soaking is in order because it makes roots more pliable and less likely to break.

Spray the plant down with undiluted hydrogen peroxide to kill any fungus or bacteria.

If using bark mix, soak it for at least a couple of hours and even overnight to fully saturate before using. Sphagnum should be wetted and excess water squeezed out before using.

Use a pot that the plant just fits into; they like being tight in their pots and stability is very important for keeping new roots safe. If you need to, use a pot clip.

Throw some media in the bottom of the pot and put the plant in, and backfill with your media.

The base of the plant should sit just at the level of the top of media. If you pot too deep the plant is susceptible to collar rot.

If you have roots growing in the air, leave them there! They're aerial roots and will not survive if you try to make them behave and put them in media. Besides, they're really kinda cool. Whatever you do, DO NOT cut them off!

After repotting

Once you've repotted your orchid, water only as the bark or sphagnum moss is *almost* dry toward the center of the pot. You can look at the roots through clear plastic pots to help decide when to water; if the green is silvery/grayish it'll need water; if not, wait until they are. If you're not sure, wait a day and check them again.

(Special consideration for Cattleya alliance: Let the media dry completely before watering again.)

Do NOT let water sit in the crown, which is the top of the plant where the leaves come together. If you accidentally get water in there, just pick the plant up and tip the water out. (That causes crown rot.)

Make SURE the pot is really well drained if you're going to keep it in the ceramic with no drainage. Make sure there isn't water sitting in the ceramic pot.

Watering won't be on a strict schedule because weather and temperatures vary and that will affect how fast or slow the media dries out.

...So take a deep breath, jump on in, and HAVE FUN DOING IT!!





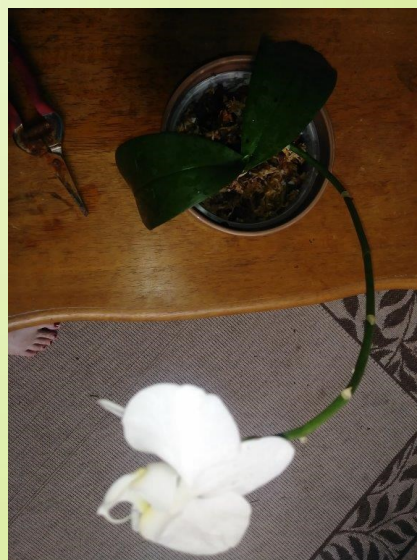
Removed from the plastic pot. Most roots good, but need to remove the media



Media has been removed, and damaged roots clipped



Potting up—new pot with new media



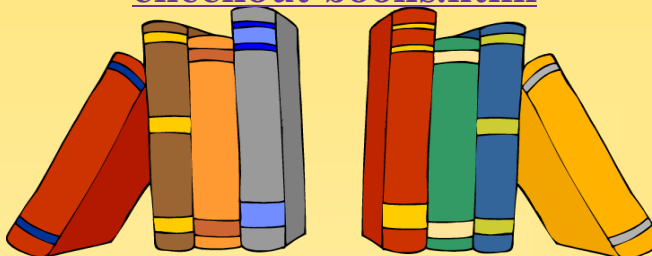
Ready to grow
and thrive

YOUR ORCHID LIBRARY

By Celeste Ogden



<http://www.naturecoastorchidsociety.com/library-checkout-books.html>



How do I get a book from the Club's Library?

1. Just Click on: www.naturecoastorchidsociety.com/library-alphabetical-list-books.html
2. Select Books or CD's you think would be useful and order right on the web page.

BOOK OF THE MONTH

***Orchid Corsages and Leis* by: Glad Reusch**

An orchid corsage, bouquet or lei signifies that the person who wears it is special and the occasion is memorable. Orchids add the magic. Now when so many thousands of home gardeners grow their own orchids (including scores of high rise dwellers who grow them under artificial lights), this book provides the information for using the flowers in many ways. It tells how to ripen and condition the blooms, and how to finish the design with accessories.

Select any number(s) that you would like to spend some time with and then you can sign them out at the next Members' Meeting. Keep them for 1 month and return them at the following meeting and remove your name from the list.

If you have any questions about our Library Books, my email address is:

c1948ogden@gmail.com



Answers to quiz

1. *D. Angraecum Sesquipedale*
2. *A. Cattleya*
3. *B. Dimorphorchis*
4. *B. Bulbophyllum*
5. *A. Vanda*