



Volume 28

Issue 3

March 2020

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THE KEIKI



There will be no regular meeting in March.

Instead, we will have our orchid show on March 28th and 29th, with set-up on Friday, March 27th.

However, there will be TWO board meetings, on March 4th and 18th, both at 1:00PM at the Spring Hill library on Route 50. March 4th will be a meeting to conduct the normal business of the club, and March 18th will be to prepare for the show. NCOS members are very welcome to attend these meetings. **We have decided to change the composition of our board (subject to approval by the membership) by adding two elected trustee positions. If you would be interested in becoming a trustee we ask that you attend the March 4th board meeting, if at all possible.**

CALENDAR OF SPEAKERS/EVENTS FOR NATURE COAST ORCHID SOCIETY FOR 2020

March 27th to 29th—NCOS Orchid Show

April 18th—Elections, and member plant sales

May 16th—James Stevenson, from Pinellas County—Native Orchids

June 20th—Glenn Gross

July 18th—Dave Goliath

August—AOS Seminar?

September—AOS Seminar?

October—Annual NCOS Auction

November—Annual picnic

December—holiday party

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>	Matt Riesz
<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
<u>AOS Representative</u>	Matt Riesz

Mary Lou Mattana



Since there will be no regular meeting in March, there are no requirements for people to bring snacks and drinks for it.

HOWEVER:

If you signed up to bring refreshments and/or work in the kitchen during your show we thank you for your assistance! See you at the show!

TREASURER'S REPORT

By Pat Baig



Opening balance 2/1/2020:	\$11,410.61
Total receipts (raffle, etc.):	1,499.00
Total disbursements:	1,775.53
Current Balance 2/20/2020:	\$11,134.08



President's Message

Good day everyone!

Well, it looks like we are into more moderate weather finally. One more blast of a cold spell this coming week and then it's back to normal, I hope!

Miranda Orchids put on quite a program for us last month. We really appreciate Fernando taking care of us. I certainly hope everyone in the group enjoyed the presentation.

As everybody knows this is the month for our spring show. Volunteers are desperately needed in all aspects of the production of the show. I think it's going to be a very unique show with our interesting theme, "Dancing with Orchids". This year we're going to place our signs closer to our event. Having them scattered all over Hernando County was a lot of work for not much benefit. I think they'll be better served coming off route 589 and on the corner of County line Road and Mariner. Thursday night we will be setting up tables. We will get there right around 8 o'clock to start setting up display areas. You may bring your plants Thursday evening, if you need to do that. Friday will be the day that we bring all our plants and set them up for judging. **REMEMBER.... ALL PLANTS MUST BE AT THE VFW BY 2:00PM ON FRIDAY!** If you bring a plant later than that or on Saturday it will not get judged. It'll be placed somewhere in the display. If you are bringing plants be sure they are clean and free of bugs. Otherwise they will be immediately turned down.

Our regular board meeting will be moved up to 4 March and on 18 March will be a special meeting for the show. Our people that are participating in the show are welcome to attend and needed to attend. This meeting will be held at the West Hernando County public library on Cortez Boulevard. Both meetings will begin at 1 PM

Thank you, and Happy growing

Steve

Attention, Members, WE NEED YOU!!!

Our society depends upon volunteers for everything we do. In particular, we need officers: President, 1st Vice President, 2nd Vice President (who coordinates our speakers), Treasurer and Secretary. As well as possibly two trustees. Without these officers we **CANNOT CONTINUE TO EXIST!** Our current slate of officers have been in their positions for two years, having volunteered to continue for a second year. But this year we must elect **NEW OFFICERS.** The jobs of each officer are not a huge burden, and they're a great way to get to know people. Please, please, please consider volunteering for one of these board positions, as well as several other committee positions. Elections are coming up in April, so speak to Steve Matana if you're willing to help!

NCOS ORCHID QUIZ

Answers on last page

1. *New Zealand has ____ native orchid species*
 - A. *None*
 - B. *50*
 - C. *100*
 - D. *Over 160*

2. *This category which includes several varieties of Gastradia are*
 - A. *Sun Orchids*
 - B. *Beard Orchids*
 - C. *Potato Orchids*
 - D. *Green Hood Orchids*

3. *The very unique flowers of the Calochilus varieties of orchids are in the group*
 - A. *Sun Orchid*
 - B. *Potato Orchid*
 - C. *Leek Orchid*
 - D. *Beard Orchid*

4. *The thelymitra pulchall is categorized as*
 - A. *Beard Orchid*
 - B. *Sun Orchid*
 - C. *Potato Orchid*
 - D. *Greenhood Orchid*



Mommy, stop doing the Keiki and pay attention to meeeee

Take some time to explore the very unique and wide variety of orchids from New Zealand at

<http://www.nativeorchids.co.nz/>

Membership Notes for March



From Arlene Appelbaum
Our February meeting was well attended by over 50 people. We welcomed 7 new members to our society. They are:

Brenda and Charles Cooper

Fran Priest

Ron and Mary Renaud

Sandy Thomas

Rosanne Wenz

This brings our membership total to 128 people which is outstanding.

Although we will not be having a regular meeting in March, I hope to see you all at our show on March 28-29.

Remember, I can order name badges for anyone who would like one for \$13.50. Please let me know if you are interested.

Arlene Appelbaum

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!





NCOS Meeting Minutes,
February 15th, 2020
by Kara Warnock

Arlene Appelbaum provided the club with an update on membership. At today's meeting we had 47 members signed in, 2 guests, and 3 new members join our organization. We also had 18 members who renewed their dues at our meeting today. As we currently stand the club has a total of 130 registered members.

Steve Mattana opened our meeting with a motion to approve the minutes from our previous meeting. This motion was seconded and the minutes were approved.

Pat Baig provided us with an update on our treasury report. The current balance of the club's account is \$11,672.58. Last year the total income generated by the show was \$3,465.00 and our expenses were \$2,447.27. That means for the first time our club saw a profit of \$1,117.73 from the activities associated with our annual show.

Matt Riesz discussed the ongoing effort to put together this year's annual orchid show, Dancing with the Orchids, which will be held on March 28th and 29th. Set up for the show begins Thursday evening, March 26th starting after 8:00PM. The judging of orchids featured in our exhibit by the AOS judges will take place on Friday, March 27th at 5:00PM. Any members wishing to have their orchid plants featured in the display and judged by the AOS are asked to bring their plants to the VFW Hall no later than 12:00PM on Friday. If you arrive with your orchids after this timeframe they will still be featured in the club's display, however, the plants will not be eligible for AOS judging. For those of you who will be contributing flowering plants to our display, Matt has asked that bring a list of your plants names in order to help save time and make registration of the plants go smoothly.

Jeff Rundell discussed efforts to organize our annual orchid show. This year's display is going to be a central display created using 2, 8' tables in a crisscrossed design with trellises available for the hanging orchids. We are still in need of accessory materials: small ferns, air plants, Spanish moss, cushion or pillow reindeer moss lichen, driftwood, cork, bark, or other natural materials. Members please take a look at the volunteer sign-up list to see which show associated tasks are still in need of help.

Matt and Jeff discussed the plants that were featured on our show table this month.

Our speaker for this month was Francisco Miranda of Miranda Orchids who gave a discussion on Brazilian orchids and their habitats found in the Amazon.

The raffle was drawn and the meeting adjourned. As a friendly reminder there will be NO regular Saturday meeting for our club in March due to the annual orchid show.

Show Table, February 2020

Plant Name	Grower
Rhyncostylis gigantea x sib.	Sue Caparbi-Taylor
Paph. spicerianum	Matt Riesz
Paph. Fred's Spots	Matt Riesz
Rl. Aristocrat	Matt Riesz
Blc. Fuchs Orange Nugget 'Kumquat'	Jeff Rundell
Gomesa recurva	Matt Riesz
Blc. Hybrid	Rosanne Wenz
Clty. Spring Fragrance 'Paradise'	Jeff Rundell
Blc. Annie Bell 'Krull Smith' x Blc. (Spring Dawn x Mahina Yahiro)	Dan Grant
C. percivaliana	Dan Grant
C. Pastoral 'Innocence'	Dan Grant
Den. Angel Baby 'Little Darling'	Matt Riesz
Den. lichenastrum 'Australia'	Julie Smolka
Den. Angel Love 'Vivid'	Jeff Rundell





In the future the society will provide a box at each monthly meeting for us to collect groceries for those in need all year round. Please bring food items such as listed below to the meeting, and put them in the box. It will be donated to People Helping People from NCOS.

PEOPLE HELPING PEOPLE

In Hernando County

WEEKEND BLESSINGS FOR KIDS

*SPAGHETTI & MEATBALLS	INDIVIDUAL CEREAL PACKS
*CANNED CHICKEN/TUNA	CEREAL BARS
*DEVILED HAM	RAISINS
*TUNA/CHICKEN SALAD W/ CRACKERS	NUTS
*BAKED BEANS	APPLESAUCE
*VIENNA SAUSAGE	PUDDING SNACK PACKS
*MAC/BEEF	CANNED SOUPS
*RAVIOLI WITH MEAT	100% JUICE BOXES/POUCHES
*CHILI	SHELF MILK BOXES

People Helping People in Hernando, Inc.—a 501©(3) charitable organization

Dedicated to providing basic necessities to those in need

PO Box 6182, Spring Hill, FL 34611

***items most needed**



March Orchid Show Information

Our annual orchid show is coming up in March, and we are in urgent need of several people to lead and participate in the Show Committee. The committee is responsible for organizing the show, interacting with our vendors, designing and setting up the orchid exhibit, and generally handling the details of our show. We have plenty of guidance to show you what needs to be done, and many hands make light work. This is a very enjoyable and social activity, so please consider volunteering. Your society needs you! Without you there is NO SHOW!

Please contact Mary Lou Mattana, Steve Mattana or Matt Riesz if you can help, and plan to attend our special board meeting on April 18th.

We will also need your plants in bloom—as many as you can provide. Now is the time to start grooming them for the show, as per the instructions given in our January meeting by Laura Newton of the American Orchid Society (AOS). Our show will be judged by the AOS this year. That means AOS judges will be giving out first, second and third place ribbons in seventeen classes (types) of orchids. They will also award five trophies:

- Best Orchid in Show by a Commercial Grower
- Best Orchid in Show by an NCOS Member
- Best Cattleya Alliance
- Best Phalaenopsis Alliance
- Best Dendrobium Alliance

After awarding the ribbons and trophies, the judges will be pulling exceptional plants for AOS judging, where they will be considered for AOS awards such as AM/AOS, HCC/AOS, etc.

So plan to bring your blooming plants and hope you all go home with some ribbons for your beauties!

Nature Coast Orchid Society

DANCING WITH THE ORCHIDS
NATURE COAST ORCHID SOCIETY'S
ANNUAL SHOW AND SALE

MARCH 28 & 29
10A-M-4PM

VFW POST 8682
18940 DRAVTON ST.
ON THE CORNER OF COUNTY
LINE RD AND DRAVTON ST
SPRING HILL

10A-M-4PM

Nature Coast Orchid Society

AMERICAN ORCHID SOCIETY WILL BE JUDGING ORCHIDS ON DISPLAY

HOURLY RAFFLES

\$3.00 ENTRANCE FEE

VENDORS SELLING ORCHIDS AND ORCHID SUPPLIES

BEAUTIFUL DISPLAY

BRING THIS CARD FOR A FREE RAFFLE TICKET

Contact Mary Lou with any questions:
218-556-1855

FEBRUARY SPEAKER NOTES

By Kara Warnock



Our speaker for this month was Brazilian native, Francisco Miranda of Miranda Orchids. Francisco majored in botany with an interest in the taxonomic study of orchids. Although he moved to the United States 20 years ago he is uniquely familiar with the various habitats that comprise the Amazon region, as he once resided in a house situated in the center of the Amazon from 1981-1985. He still travels back to Brazil twice a year on expeditions in order to bring back select species of orchids to his lab and nursery located in Central Florida. Today he led a discussion on the varied habitat types of the Amazon basin.

The dryland forests (tropical rainforests) account for 50% of the Amazon basin. They are wet forests yet areas that are not subject to seasonal flooding. The soil of the dryland forests is comprised primarily of clay deposited by silt laden rivers originating in the Andes mountain range. The amount of clay present in the soil creates bad drainage and is generally very poor in nutrients. In a particularly rainy year the water, unable to penetrate into the ground, must either flow to another area or collect in standing pools. The lack of surface nutrients in the clay soils cause the trees of the dryland forest to have a shallow root system. The trees of these forests are often skinny with straight trunks reaching heights of 150 feet and form dense forests with a closed canopy. The inside of the forests are dark and humid with very little light penetration. Every so often a clearing will be created by the fall of one of the larger canopy trees. When this occurs the smaller, stunted trees from the middle stratum will grow quickly, competing for the light, in a rush to close the gap in the canopy. Although the dryland forests occupy most of the Amazon basin they are relatively poor in number of orchid species. The majority of orchids present within the dryland forests occur as epiphytic plants colonizing those areas nearest to the top of the dense canopy. However, there are a few species that inhabit the part of the tree trunks closer to the ground where their roots can reach the organic material in the litter on the forest floor. Orchid species that can be found in the dryland forests include: *Catasetum barbatum*, *Maxillaria* spp., *Cattleya luteola*, *Trichocentrum albo-coccineum*, *Batemaniantha colleyi*, *Paphinia cristata*, and *Paphinia grandiflora*. These species that call the dryland forests home are accustomed to uniformed day lengths, prefer little light, and enjoy high humidity.

The Campinas or dry woodland forests grow on white sandy soils and cover only a small portion, approximately 1%, of the Central Amazon basin. The sandy soils that comprise the Campinas have excellent drainage and water does not accumulate at the surface allowing for alternating periods of dry and wet. The sandy soils and pronounced dry season have a strong influence on the vegetation found within the Campinas. The larger trees of the Campinas grow spaced apart from one another allowing light to penetrate thru the forests all the way to the ground. A number of shrubs, grasses, and lichens inhabit these open woodlands, and they more closely resemble sand dune vegetation than tropical rainforests. The difference in light penetration at ground level and variations in atmospheric humidity within these open woodlands creates micro habitats for plant species to occupy. Even though the Campinas make up only 1% of the Central Amazon more than 70% of all the Amazon species of orchids can be found in these dry woodland forests. The transition between the aforementioned dryland forests and the Campinas is very abrupt. The Campinas, small in size and often isolated serve as "islands" rich in epiphytes. Of the many orchids that grow in the Campinas some of the most

notable include: *Anacheilium gragrans*, *Cattleya eldorado*, *Maxillaria* spp., *Pleurothallis* spp., species of reed stemmed *Epidendrums*, and *Campylocentrum amazonicum*.

The Igapos or flood forests are composed of three habitat types: 1.) Permanently flooded areas that are constantly inundated by water and experience seasonal variations in the height of the water throughout the year. 2.) Seasonally flooded areas where the water level recedes and portions dry out nearly completely during the dry season. 3.) Artificially flooded areas typically created by road construction, which leads to an impoundment (pooling) of water adjacent to the roadway. The amount of water within these flood forests varies from year to year dependent upon rainfall, and approximately every 50 years the flood forest experience either a record high or low water level event. The difference in recorded water level elevations between these extreme high and low water level events can vary as much as 50 feet. During flooding events, the rivers and other tributaries that feed the flood forests overflow their banks and run together forming the "Amazon Lakes." For a couple months out of the year it is hard to tell what direction the water is flowing from or to as the water barely seems to flow thru the flood forests. The only way to access the maze of flooded passages within these forests is by a canoe equipped with an outboard engine. A large variety of epiphytes can be found among the flood forests, with a higher number concentrated on the edges of the vegetation in areas where they can receive more light. The Igapos are home to some unique and varied species of orchids. *Cattleya violacea* is particularly abundant in some areas of the flood forests preferring the higher branches of trees along the flooded banks where it can obtain more light. In some years when the water levels are high it is possible to position the canoe right next to the flowering plants, however, in years with only a slight rise in water the plants then become completely inaccessible and cannot even be seen from a canoe. Other species such as *Acacallis cyanea* grow lower on the trees preferring shadier habitats inside the flood forests next to the water level and can even stay submerged below the water for several months. The flood forests are also home to some highly specialized orchids, *Coryanthes macrantha* and *Gongora quinquenervis*, which have developed a unique evolutionary relationship with their pollinators. The mechanism by which these highly scented orchid flowers are pollinated by Euglossinae bees is truly fascinating. Pollination success in these orchids is very high and occurs quickly as the flowers are only open for a brief time, 2-3 days.

The sunny borders of gallery forests present along the rock bed areas of the upper Negro River provide yet another habitat for orchids, with species of *Catasetum* and *Mormodes* being some of the most common epiphytes. Rainfall throughout this area is high as warm equatorial air masses condense as they collide with the cool air coming off of the nearby Andes Mountains. The water level along the rock beds can change drastically going from absolutely dry to completely flooded in just a few hours. The rock beds of the Negro River are not the only rocky habitat that orchids can be found in the Amazon. Several species of orchids can be found growing among the granite rock outcrops of seasonally dry forests located in Central Brazil. These orchids find moisture and nutrients in organic material that accumulates in depressions or small cracks that occur among the granite rocks. Orchid species that call the rocky ledges/outcrops home include: *Vanilla pompona*, *Sobralia* spp., *Encyclia* spp., and three species of *Ornithocephalus* orchids.

American Orchid Society News



American Orchid Society
Education • Conservation • Research

Let's Grow Together!

www.aos.org



Webinars-Coming Attractions!






When	March 19, 2020 8:30pm EST Thursday	March 31, 2020 8:30pm EST Tuesday	April 23, 2020 8:30pm EST Thursday	RECORDED WEBINARS at your convenience
Topic	Greenhouse Chat (Orchid Q&A) <i>Send in your Questions!</i>	Junior Orchid Show A Success Story	Greenhouse Chat (Orchid Q&A) <i>Send in your Questions!</i>	Culture, Judging, Pests and Diseases, Greenhouse Chats indexed by topic
Presenter	Ron McHatton Chief Education and Science Officer	Barb Schmidt AOS Education Committee member	Ron McHatton Chief Education and Science Officer	AOS Members, Judges, Concerned Conservationists, Scientists & More

DID YOU KNOW?

If you become an American Orchid Society member, they have considerably more resources available to help make orchid growing enjoyable and successful. Individual Society membership and AOS Membership are not the same. Each requires separate membership dues. AOS members have exclusive access to thousands of awarded photos in OrchidPro! Sign on to the AOS website. Click on your name on the top right side of the page to find the dropdown menu. Select

OrchidPro. Be inspired!

See membership status and access member-only features here

My Account
 Renew Membership (expires: November 30, 2021)
 OrchidPro
 Orchids Plus Online

ORCHIDS Magazine (view / download)
 Member-Only Webinars
 Give a Gift Membership



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

Taylor's Guide to Orchids #200-036

More than 300 Orchids, photographed and described, for growers of every level of experience from beginners, to collectors. With complete instructions on selecting and caring for each variety. Includes chapters on potting, fertilizing, watering, and maintenance, as well as on organic controls of pests and diseases.

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



Nature Coast
Orchid Society

The Society meets on the 3rd Saturday of each month, at 1pm, at the Spring Hill VFW Post 8681 18940 Drayton St. at County Line Rd

Enjoy great speakers, fantastic raffle prizes and beautiful orchids on display.

www.naturecoastorchidsociety.com

Answers to quiz

1. *D. Over 160*
2. *C. Potato Orchid*
3. *D. Beard Orchid*
4. *B. Sun Orchid*