

## GARDEN ISLAND ORCHID SOCIETY UPCOMING EVENTS

**Spring Fantasy Show**—The annual show is this month — March 27th and 28th. See page 2 for more information.



**General Meeting—April 10th** at the United Church of Christ in Hanapepe. The general business meeting will start at 6:30. Al Sugano will conduct the learning center at 7:00. After our refreshment break we will be mounting our door prize orchids onto either a rock or piece of wood. Mounting supplies will be provided by GIOS but **each member should bring a rock or piece of wood.** We will have a limited number of pieces of wood that will be available for those who don't have anything. Also, don't forget to bring any blooming orchids you want to put on the display table.

**2015 General Meetings:** June 12th, August 14th, October 9th, and December 5th. The June meeting will be a hands-on learning opportunity.

**2015 Events:** An orchid nursery tour/buying opportunity trip planned to the Big Island is in the works for July. More details to follow. The Fall show will be August 20-23.

## PRESIDENT'S MESSAGE

I would like to start off by thanking Carol Kanna for presiding at the February meeting while Gwen and I were off island. As Ex-officio and member of the Board, she is an experienced officer and dedicated mentor! I knew you would be in good hands. Also a big thank you to Jason Matsuoka for organizing and managing the Spring Show volunteer signups. And I can't forget Joanne Nishihara who volunteered to provide the refreshments. It's wonderful to see our members step up when needed!

We have been publishing the duties of the officers and chairpersons in the newsletters so that we will have lots of volunteers this fall during elections. I hope you are reading them so you can decide which position suits you.

The Spring Show will soon be here and I'm looking forward to seeing all of your blooming orchids. We have many locals and visitors who make sure they are on island to enjoy our

### MARCH APRIL 2015

<b>In this issue:</b>	
Upcoming Events	1
President's Message	1
Spring Show	2
February Notes	3
Orchid Clock	4
Volunteer Opportunities	5-6

wonderful display. We have a chance to sell our orchid crafts made by our members, our plate lunches and baked goods. And our member orchid vendors not only bring plants for the display they also have lots of orchids to sell. I hope to see all of your there.

Elizabeth Borchelt, GIOS President

**BOARD 2014-2015**

- \* **President:** Elizabeth Borchelt
- \* **Vice President:** Gwen Teragawa
- \* **Secretary:** Kimberlee Kain
- \* **Treasurer:** Lee Anderson
- \* **Awards:** Mildred Konishi
- \* **By Laws/Ex-Officio:** Carol Kanna
- \* **Membership:** Bobbie Agena
- \* **Newsletter:** Karen Harlow

**DID YOU KNOW?**

The Garden Island Orchid Society would like to welcome our newest members Mark and Mary Jane Naone.

The orchid door prize in February was Milt. Lenore Karl Gottling 'Hula Skirt'.

Below (and on front page), display plants from February general mtg.



**SPRING FANTASY SHOW**

The theme for this year's Spring Fantasy Show is a Zen Garden-A Piece of Peace. The show will be held at the United Church of Christ in Hanapepe.

Set-up: March 26th at 1:00 PM.

Friday: March 27th open from Noon to 7 PM. Lunch will be served starting at 11:00 AM.

Saturday: March 28th open from 9 AM to 4 PM.

Please bring your blooming orchids for the show. All member's orchids will be needed to ensure our show is as spectacular as previous years.

Those bringing plants to display should provide a list to Karen Harlow by March 24th (Tuesday) either thru email harlows@hawaii.rr.com or USPS mail PO Box 597 Kalaheo 96741. Provide the complete name of the plant and the owner's name (as you wish it to appear on the label). All Display plants must arrive between 1:00 PM and 4:00 PM on Thursday afternoon to allow the display team to finalize the display. If you have signed up for set-up, be at the show at 1:00 PM Thursday. We will be providing dinner for the volunteers on Thursday.

The Spring Show is our main fund raising opportunity for the year. The food booth will be providing tasty plate lunches—like baked salmon and chicken hekka, and baked goods starting on Friday at 11:00 AM right outside the front doors (since the show doesn't open until noon). The craft booth will be selling orchid-themed items like table place mats and our cookbook.

Our member-orchid vendors — Orchid Alley, Nancy Nakama, Al Sugano and Gwen Teragawa — will have a great selection of orchids for sale.

Ribbons/ Awards - Both ribbons and cash awards will be given. We have five places (1st-\$10, 2nd-\$7, 3rd-\$5, 4th-\$3 and 5th-\$2) for each category. The Best in Show prize is \$50. Judging will take place on Friday morning.

Dennis Olivas will be joining us again at the Show providing expert advice on how to take care of orchids and doing live demos. Tell your friends.

Breakdown of the exhibit will begin at 4 PM on Saturday. Please ensure you are there to pick up any orchids you may have brought for the display.

All photographs in the newsletter were taken by Ryan Metzger.

## FEBRUARY NOTES

In preparation for the Spring Show, Al Sugano took some time to demonstrate and explain how to enhance an orchid for display. Many aspects of the display of the plant are subjective. Just as we are all different and have different perspectives and likes, displaying a plant to be pleasing can be done differently. But, Al did provide some basic display guidelines:

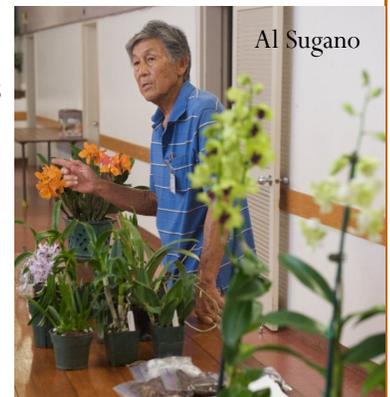
- Position the stems/flowers so it looks like a bouquet.
- Provide an orderly fashion so stems aren't out of place. You don't want one stem sticking out at a right degree angle when the rest of the display is totally different.
- Stake the flower stalks together.
- Short stem with lots of blossoms, don't need stakes but attach to other stems with twist
- Move into position what you want to see and then tie with twists or stake so it stays
- Catalaya usually don't need to do anything unless some need to be staked to be upright.
- Phalenopsis – stake it so you get the nice arch. Look for the blind buds at the bottom of stem. Stake below the emerging and not on top of the blind buds. Stake low and let stem bend with the flowers to create arch.
- Paph – thin stems, so use thin wire or stake right below neck of flower. It is best to do when stems are 4-5 inches tall. If one gets too big without staking, you'll need to adjust it incrementally so you don't break the stem.

In October 2014 guest speaker, Scot Mitamura provided a lot of information on growing orchids and included a handout for everyone to take home. Al showed us techniques beyond Scot's theory of without providing proper light, water, and air all other things are insignificant.

If the orchid is a hybrid, understanding the species it came from will let you know if it is suitable for your area. Al focuses on the two types of orchids to guide his care for orchids; either it is a monopodial (like Neostylis, Vanda, Phalenopsis-single stem leaves growing on top of each other with roots hanging down and roots grow on the outside of the old roots) or a sympodial (Cymbidium, Dendrobium, Cattalaya—grow sideways across the top of the pot). These guide how to divide it, treat the roots, and what to expect out of the blooms. Al learned how to culture, grow and trim by trial and error.

Al took us through an orchid's cycle from a seed pod to the mature plant. Growing an orchid from a seed pod is very difficult. The door prizes we receive at GIOS are seedlings and we can use the techniques Scot describes on these plants. Al also talked about the plants in relation to the roots and when to repot. You need to have a vision of how the plants grow to become mature. This will guide you. Al used the term embedded versus attached when referring to new growth. If the growth is embedded, it cannot stand on its own. Until it has its own leaves and roots it is considered embedded. Once it has these it is considered "attached". When something is attached, it can be removed from the original plant and it will survive on its own and will not jeopardize the original plant. You now have two plants.

Below, display plants at the February general meeting were abundant. Members listen as Al walks thru the variety of orchids.



Al Sugano



# ORCHID CLOCK

This article is being reprinted with permission from the American Orchid Society and can also be found on the AOS website at AOS.org.

Orchids have a cycle of life. The key to understanding the annual life cycle of a plant, and knowing how to respond to it, can be depicted visually as a clock.

Orchid growers know their plants will produce flowers at a certain time of year, and will grow new leaves and rhizomes at another. By charting these on a clock face, we can better respond to the needs of the plant in terms of fertilization, watering, etc.

Every species of orchid is different. Some orchids bloom in May and June, others flower in time for certain holidays. Some have blossoms that last for only a few days, while others last for months. Also, exact timing can depend on a number of factors, including the region of the world in which the plant lives.

This orchid clock should be duplicated for each species that you have. Here's how to chart a time cycle chart for every species in your collection. Begin by placing an arrow, pointing clockwise, at the time of year when a new inflorescence appears, and another arrow, pointing counterclockwise when the blooms fade. Place both arrows in the ring marked "Inflorescence Growth." Repeat this for the leaf growth ring and the root growth ring.

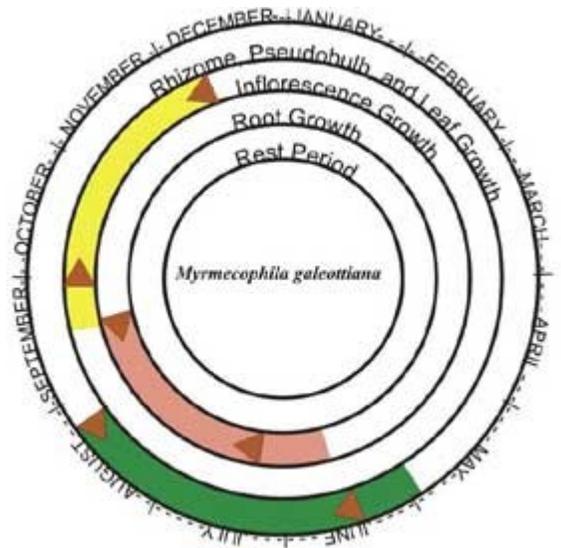
By seeing the times of the year when each of the significant growth patterns occur, we can now plan to fertilize our plants in a timely manner. To better visualize the fertilization patterns, I use three different colors of highlighter marker pens: green for growth, yellow for blooms and pink for roots.

Start the highlighted area of the ring two–four weeks before the beginning and continue it to almost the end of the particular growth pattern. (There may be some overlap in ring colors.)

Fertilizers are identified with three numbers, which I refer to as "Shoots," "Fruits" an element needed for plant growth. The second number is phosphate (P2O5), a chemical shown to increase flowering (and fruiting). The third is potash (K2O), a chemical needed for root growth, overall plant health and stamina.

During the "green" time of year, I recommend a fertilizer that is 20-10-10. During the "yellow" time of year, consider a 10-20-10 fertilizer. The "pink" season calls for a 20-20-20 fertilizer. Any similar fertilizer formulas should be sufficient. The last ring — entitled "Rest Period" — is when your plant needs to rest and muster its strength for the next year's growth. During Rest Period, fertilize and water sparingly.

By looking at your orchid clock (and a calendar) you can now easily see what kind of fertilizer each species of orchid in your collection needs. The colors of the highlighter pens were chosen because they approximate the color of the fertilizer I use.



*T.J. Hartung is president of the Vallarta Orchid Society ([www.pvorchids.com](http://www.pvorchids.com)) in Puerto Vallarta, Mexico. He is also on the board of directors of the Vallarta Botanical Gardens ([www.vallartabotanicalgardens.org](http://www.vallartabotanicalgardens.org)). Puerto Vallarta, Mexico (e-mail [tjhartung@gmail.com](mailto:tjhartung@gmail.com)).*

## VOLUNTEER OPPORTUNITIES

**At the fall general meeting this year, GIOS will be electing new officers and standing committee chairmen. The term of office is for two years. It will be an open slate – meaning all positions are open and all members are encouraged to pursue any position.** The last newsletter covered quite a few positions. The last of the positions are included here.

**President-**The President presides at all meetings of the club and sees that the by-laws are enforced. The President has general supervision over all the affairs of the club and with the Secretary, signs all authorized written contracts, or other obligations. Determines members of the Board beyond the officers.

**Vice President-** In the absence of the President, the Vice President will assume all duties. The Vice President is the Program Coordinator, which duties include obtaining speakers for society meetings and other special functions as needed. Depending on agreement with the speaker, arrange transportation, lodging and local hospitality. Arrange for Treasurer to prepare a check to cover speaker's expenses and/or honorarium or donation. Notify Publicity chair and newsletter Editor of program details. Have the Secretary prepare a thank-you note to be given to the speaker with a complimentary club T-shirt. Arrange for alternative programs (e.g., AOS movie or slide program, round table discussion utilizing local society experts, etc. ). See that all pertinent materials are ready for distribution at the meeting. Arrange for audio-visual aids required for the program, assuring that all materials are properly returned. Arrange for purchases of plants, cultural or other handbooks, or materials to be used for society programs. Develop a resource file for potential programs and speakers. Help arrange programs for special events and nursery tours as requested.

**Treasurer-** The Treasurer responsibilities include: receiving all moneys belonging to the club, determining deadlines in advance and makes appropriate payments prior to due dates for recurring expenses such as meeting place rent, making payment under the direction of the President or any committee empowered to pay the obligations of the club, keeping full and accurate financial accounts in books and records belonging to the club in such manner as directed or approved by the Board, submitting financial reports at each general and board meeting, promoting a budget of projected revenues and expenditures for various committees, and promoting and participating in audits of club financial records.

**Secretary-** The Secretary responsibilities includes: keeping accurate minutes and attendance of Board members at all regular and Board meetings of the Society; maintaining a society calendar including all society meetings, activities, dates and places of shows; having general charge of the records, documents, committee reports and equipment of the Society; conducting all correspondence of the club, including writing letters of thanks to speakers, businesses, clubs, or individuals who may be involved with society events, provide special contributions, or perform an outstanding service for the benefit of the society, and arrange for cards of sympathy or concern; determining if any chairperson need letters or invitations written, e.g., to judges, photographer or speakers; keeping the original or a copy of the by-laws as amended or otherwise altered to date, certified by the President or other proper officer; filing with the Department of Regulatory Agencies of the State of Hawaii a certified copy of its by-laws, and any amendments or changes therein, and shall also file from time to time, whenever changes occur, the names and addresses of the officers of the Corporation.

**By Laws-** Maintain a list of club policies and procedures as well as the by-laws of the Society. Assure proper procedures are taken when revisions are necessary, which includes notification to members, voting and filing of revised by-laws. During an election year, the chairperson will seek out candidates for each office and at the same time, solicit the membership for volunteers to fill chairperson positions for all standing committees. A complete roster of nominees will be submitted to the President by September 1, for the Board to review. Other responsibilities include, conducting the election and the installation of officers.

Karen Harlow, Editor  
PO Box 597  
Kalaheo, HI 96741

## VOLUNTEER OPPORTUNITIES (CONT'D)

**Librarian-** Maintain the club's library which includes previous years' minutes and treasurer's reports. Maintain a file of all books, publications, copies of club's bylaws and handouts from speakers to be made available for members to borrow. Research for new items, then with the Board's approval, make purchases. Enforce policy for unreturned items.

**Plant Name Tag-** Prior to each show provide a notice for the newsletter to remind members about preparing a list of the plants they are bringing for the show display. Prepare name tags and provide to members during show set-up along with items to assist in attaching the name tags. Collect name tag holders during clean up.

**Photographer-** Take pictures at all general meetings and club functions to be used in the newsletter. Also photograph all AOS awarded plants and all first place winners for the newsletter for both shows.

