



FRIENDS OF HĀLAWA XERISCAPE GARDEN

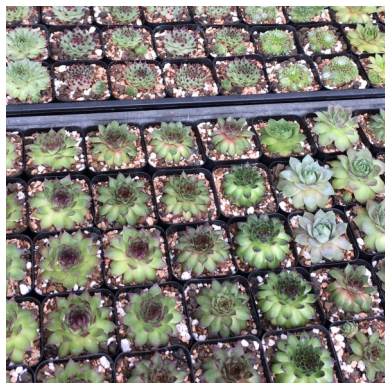
P.O. Box 3089, Honolulu, HI 96802

FALL 2019

THANK YOU!

Here is to another successful plant sale! Thank you for coming to this event and spending time at the garden. We hope you picked up a few plants (or a box full) to take home, participated in the various hands-on activities and learned helpful tips and information at the workshops. We appreciate your patience during the morning checkout lines. There were some challenges with the new configuration this year, but we plan to return to the old layout once the construction on the lawn is complete.

Here are a few highlights from the event.



WORKSHOP CALENDAR



Halawa Xeriscape Garden 2019-2020 Workshops Schedule



All workshops begin at 10:30 A.M. Please contact workshops@hbws.org or call (808)748-5315.

Subject to change, for most current information check <http://www.boardofwatersupply.com>

Last updated:
7/31/19

Event Date (10:30 a.m. start time)	Workshop Title & Presenter (*new workshops)	Fee	Registration Open Date
September 14, 2019	Da Bug Doctor (Green Pest Control) – Andrew Nowinski	\$5.00	August 27, 2019
September 21, 2019	Backyard Composting: Nature's Recycling – Henry Gabriel – C&C Honolulu	\$5.00	September 3, 2019
September 28, 2019	Fancy Funnels – Sheri Mikami - BWS	\$20.00	September 10, 2019
October 5, 2019	Economical Aquaponics – Raychel Watkins – HappyPonics	\$5.00	September 17, 2019
October 12, 2019	*Paint in the Garden: Bamboo – Erika Brown - FOHGX	\$30.00	September 24, 2019
(Wed), October 16, 2019	Rain Barrel Water Catchment – BWS Water Resources Staff	\$35.00	October 1, 2019
October 26, 2019	Whimsical Reusable Owl Planter (Eco-Craft)– Sheri Mikami - BWS	\$8.00	October 8, 2019
November 2, 2019	Recycled Drawer Garden Nook (Eco Craft) Part 1 of 2 – Sheri Mikami – BWS	\$25.00	October 15, 2019
November 9, 2019	Recycled Drawer Garden Nook (Eco Craft) Part 2 of 2- Sheri Mikami – BWS	-----	complete part 1
November 16, 2019	How to Create a Xeric Butterfly Garden - Jo-Ann Maeda - FOHGX	\$5.00	October 29, 2019
November 30, 2019	Xeric Holiday Wreath – Sheri Mikami- BWS	\$5.00	November 12, 2019
December 7, 2019	Xeric Holiday Wreath– Sheri Mikami- BWS	\$5.00	November 12, 2019
January 11, 2020	*Xeric Mini Zen Garden (Eco-Craft)– Sheri Mikami - BWS	\$15.00	December 24, 2019
January 18, 2020	Da Bug Doctor (Green Pest Control) – Andrew Nowinski	\$5.00	December 31, 2019
February 1, 2020	Rock Your Garden – Lynne Berry Westlake – FOHGX	\$15.00	January 14, 2020
February 8, 2020	Advanced Aquaponics – Raychel Watkins – HappyPonics	\$5.00	January 21, 2020
February 15, 2020	Rain Barrel Water Catchment – BWS Water Resources Staff	\$35.00	January 28, 2020
February 22, 2020	How to Make and Use Bokashi Compost – Jan Nadamoto	\$15.00	February 4, 2020
February 29, 2020	*Paint in the Garden: Plumeria – Erika Brown - FOHGX	\$30.00	February 11, 2020
March 7, 2020	*Introduction to Native Hawaiian Plants – Michele Harman - BWS	\$8.00	February 18, 2020
March 14, 2020	Xeric Critters (Eco-Craft) – Sheri Mikami- BWS	\$10.00	February 25, 2020
March 21, 2020	*Paint in the Garden – Dragonfly - Erika Brown -FOHGX	\$30.00	March 3, 2020
March 28, 2020	Xeric: Succulents and Beyond – Lynne Berry Westlake – FOHGX	\$5.00	March 10, 2020
(Wed), April 1, 2020	Rain Barrel Water Catchment – BWS Water Resources Staff	\$35.00	March 17, 2020
April 11, 2020	Xeriscape Spring Activities – BWS Staff	\$5.00/ \$2.00 ea	March 24, 2020
April 18, 2020	Backyard Composting: Nature's Recycling – Henry Gabriel – C&C Honolulu	\$5.00	March 31, 2020
April 25, 2020	*Let's Talk Soil – Lynne Berry Westlake – FOHGX	\$5.00	April 7, 2020
May 2, 2020	Terracotta Madness – Sheri Mikami - BWS	\$8.00	April 14, 2020
May 9, 2020	Gardening with Beneficial Microbes – Jan Nadamoto	\$20.00	April 21, 2020
(Wed), May 20, 2020	How to Make a Ti-Leaf Lei – Arthur Aiu – BWS	\$5.00	May 5, 2020
May 30, 2020	*Pohaku Pals - Michele Harman - BWS	\$10.00	May 12, 2020
August 1, 2020	32 nd Annual Halawa Xeriscape Garden Open House & Unthirsty Plant Sale		Please drop by 9am-3pm
Wednesdays & Saturdays 9:00am-3:00pm	Volunteer Opportunities Garden is open to the public. Call 748-5315 for more information on Weedy Wednesdays and/or Spruce-Up Saturdays.	Free	Please check in with garden staff

NAIO THRIPS ON O‘AHU

Naio (*Myoporum sandwicense*) is native Hawaiian plant that is commonly used in the landscape as a hedge, groundcover (prostrate form) or a specimen plant.

In 2009, Naio Thrips or Myoporum Thrips (*Klambothrips myopori*) was detected on Hawai‘i Island. The thrips are tiny, sucking insects that damage Naio leaves. The plant forms galls or leaf curling in response to the thrips damage leading to tip and branch dieback, and eventually the plant dies. Insecticides can help knock down the pest population, but will not kill all the thrips. Constant maintenance and inspection is needed to ensure the plants are thrips-free. Despite best efforts on Hawai‘i island to combat this new insect pest, many of the island’s Naio were killed. Posters and PSAs were posted to educate the public about sanitation protocols to prevent the spread of the thrips to the other Hawaiian island; however, last November, thrips were detected in Central O‘ahu. Fortunately, there was a rapid response plan in place and the O‘ahu Invasive Species Committee (OISC) and Department of Land and Natural Resources mobilized quickly to identify the extent of the infestation. Since the initial detection, it has spread beyond downtown Honolulu.

It is highly recommended to remove landscape Naio BEFORE they are infested to help reduce the thrips’ food source and habitat, and help prevent the spread to wild plants. Unfortunately, despite our best efforts, the Naio in the garden was infected with thrips. We treated the plant to kill the thrips onsite and decided it would be best to remove the infected plant from the garden to help protect the wild Naio populations.

Thrips can easily be transported to different locations by wind and on clothing/gear. If visiting a known infestation area, people should brush off their clothing (body and hair too) and gear before moving off site. Clothing and footwear used in infested areas should be washed and dried before using them in another location.

If you suspect your plant has Naio Thrips, you can contact 643-PEST (643-7378) or visit <https://www.643pest.org/> to have someone take a look at it.

<https://dlnr.hawaii.gov/hisc/info/invasive-species-profiles/naio-thrips/>

Photos: (top) Naio plant at the Hālawā Xeriscape Garden
(middle) Thrips damage on our Naio
(bottom) Adult Thrips– photo courtesy of DLNR



WHAT'S NEW AT THE GARDEN

Small Aquaponic System Introduced Into The Hālawā Xeriscape Garden

By Keith Lee



Last year an aquaponic system was installed at the garden, and we are now expanding that system to show different designs and plant phases of growing seeds, vegetables, flowers. The different designs include a grow bed above aquarium, grow beds above an IBC (Intermediate Bulk Container), and grow beds utilizing a raft system. Solar panels provide energy to operate a water pump used to circulate the water between the grow beds.

Currently, there is a small aquaponic system using a small aquarium with several tilapia. This small grow bed contains green onions, spearmint, strawberry and baby tomato plants. We are constantly testing to see what else we can grow in these grow beds.

As the system expands, it will continue to be powered by solar panels to run the pump that supplies the water to the grow beds from the containers holding the tilapia.

We hope to introduce several plant growing phases and aquaponic designs in this small aquaponic area.

Stop by the garden to see this aquaponic area located behind the Main office building.



VOLUNTEER OPPORTUNITIES

Interested in getting your hands dirty and spend time outdoors? Or do you want to be more involved with the Friends of Halawa Xeriscape Garden, but prefer to be indoors?

The Hālawā Xeriscape Garden is looking for volunteers.

- Propagation— This group meets on Wednesdays from 9am to 12pm to grow plants to sell at the plant sale in August and throughout the year. Learn to how grow plants from seeds and cuttings from Master Gardeners. No experience needed, just a willingness to get dirt under your fingernails and have fun!
- Garden— Under the guidance of the garden staff, you can work alone or in a group to help maintain and improve the garden on Wednesdays/Saturdays 9am– 3pm. Work at your own pace weeding or pruning, or tackling special projects.
- Office— There are a variety of tasks you can help with from making seed packets and informational sheets for the free plant-of-the-month to checking people in to the garden/workshops. Hours: Wednesdays/Saturdays 9am– 3pm.

Please contact us at (808)748-5315 for more information or stop by the garden on Wednesdays/Saturdays to learn more about what we do.

FRIENDS OF HĀLAWA XERISCAPE GARDEN

Mailing Address
P.O. BOX 3089
Honolulu, HI 96802

Garden Address
99-1268 Iwaena Street
Aiea, HI 96701

Phone: 808-748-5315
Email: friendsofhalawa@gmail.com

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Friends of Hālawā Xeriscape Garden is a 501(c)(3) organization to promote water conservation through xeriscaping.



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'A'ali'i *Dodonaea viscosa*

The Friends of Hālawā Xeriscape Garden wants YOU!

We are looking for candidates to be on our Board of Directors (BOD). It's a 3 year term with at least 5 BOD meetings and 2 plant sale meetings a year. Nominations and elections will be held during our Annual General Membership meeting January 25, 2020. Please contact us for more information.

FOHXG Workshop Schedule

[http://www.boardofwatersupply.com/news-events/
workshops/workshop-schedule](http://www.boardofwatersupply.com/news-events/workshops/workshop-schedule)

Xeric Seed Program

[http://www.boardofwatersupply.com/conservation/
xeriscape/xeric-seed-program](http://www.boardofwatersupply.com/conservation/xeriscape/xeric-seed-program)

President's Corner

by Amy Tsuneyoshi



Aloha FOHXG members!

Our new workshop schedule is out and I hope you see something that interests you. I know I will be registering for a workshop or two (or more...). Don't forget, as a current FOHXG member, you have the benefit of registering for workshops before they are open to the general public. Please take advantage of this perk!

As gardeners, you know a garden is ever evolving. Such is the case with the Hālawā Xeriscape Garden. FOHXG is working with the Board of Water Supply to plan for much needed renovations for the garden. Things are still in the planning stage and the work will be rolled out in phases. Top on the list is the walkway renovation. This will be followed by phased garden improvements- starting with the Kipuka (Hawaiian plants), Garden of Eaten (xeric edibles), and the Oasis (Cactus and Succulent) sections. We look forward to these improvements in the coming years and hope you stop by the garden to see the transition.

Happy gardening!

Amy