



The Pres Sez...

In our last newsletter, we were looking forward to our V.P. Terry Nutt's meeting on Nov. 16, about planting the right trees in the right spaces and we learned a lot, as well as went home with trees from the giveaway. On Nov. 6, MALP had a booth for the Arbor Day Celebration at the Maui Nui Botanical Garden, where we answered people's landscape questions and advertised our upcoming Lawn and Garden Fair, which took place Dec. 4 at UHMC. The event was well attended and people enjoyed the speakers and demonstrations, as well as visited all the various vendors. We introduced a new part of the fair called Artscapes: A Living Art Exhibition. It was hard for the judges to decide, as there were many beautiful exhibits. First place (\$300) went to artist Deybra Fair. Second (\$200) went to Zach Hansel, and third (\$100) to Susi Mastroianni. On Jan. 25, Dr. James John Kalani Leary presented us with a program on Maui's situation of Fireweed invasion and methods to help control it. March 22 is when MALP brought the popular lecturer and writer, Heidi Bornhorst to Maui to give us a program entitled 'Plant Pono', in which she described many non-invasive plants that are highly recommended. Members of the public joined us for this one, and some even signed up to attend our

weekend work party next month at Fleming Arboretum. April 2 was the Maui Agricultural Festival held at the Maui Tropical Plantation. MALP set up an outdoor living room of comfortable furniture surrounded by beautiful plants and answered people's landscape questions.

Our last educational meeting was on March 24 and Maui property broker, Tracy Stice shared information on how to achieve Agricultural Status for your property. Our workday at the D.T. Fleming Arboretum at Puu Mahoe last year was so enjoyable that we decided to have a 2-day work party this year, June 4 & 5. We will be planting and irrigating a double windbreak of native trees on South Hill, among other things. It will include a trip to the constellations on Sat. night, with the guidance of stargazer, Harriet Witt, which should be very fun (weather permitting). If interested in joining in on the fun, call Gary at 298-8413 by March 28, so we can plan meals.

MALP's 16th annual Lawn and Garden Fair will be coming up later this year. Last year we spent over \$11,000 putting this event on, and income from this event was about \$2,400. While we consider this a gift to Maui, the Board is looking at ways to come closer to breaking even.



(continued on page 2)



President Gary keeping it green at the 2010 Lawn & Garden Fair



Heidi Bornhorst at MCC March 22nd Gave her Plant Pono presentation, read more inside!



2011 Ag Fair at the Tropical Plantation.

Corporate sponsorship is one consideration. Another is increasing plant sales and with that being said, now is a great time to start growing some interesting plants for the Fair. It's also a great time to think about creating an exhibit for this year's *Artscapes*. It's a wonderful opportunity to show what you're capable of and do some advertising as well. Hope to see you all at some of these events.

Aloha,

Gary Mohrlang

Index:

Prez Sez.....1

Pu'u Mahoe Pics &
U of HClass Info.....2

Plant Pono
Heidi Bornhorst.....3

General Info.....4

Weed Management
James Leary.....5

2011 Members Page
Membership Forms6

ArtScapes/Photos

University of Hawaii

Maui Campus

Fall Agriculture Classes

Classes Start Aug. 22nd

AG 235 Irrigation Principles and Design M 5:30-9

AG 122 Soils Technology W 5:30-9

AG 265 Horticulture of Hawaiian Plants TR 9-11:50

AG 174 Insects and Their Control MW 3-4:50

AG 200 Introduction to Horticulture TR 1:30-4:20

Pu'u Mahoe

Mission Statement

The Friends of the D.T. Fleming Arboretum at Pu'u Mahoe, Inc. exists to sponsor, fund and assist in the protection and preservation of the Fleming Arboretum and its mission to preserve Hawaiian native plants through protection, propagation and



Aerial Photos By: Bob Bangerter



Plant Pono, Really!

This issue we would like to focus on planting the right plants in the right places or “Plant Pono”. There are so many problems related to planting the wrong plants and even planting them in the wrong spot that can create future burdens. We encounter these problems all the time and therefore let's shed some light on planting pono. Much of the following information has come from the website: www.plantpono.com, by Heidi Leianuenue Bornhorst, garden columnist for the Honolulu Star Advertiser and author of the book: **Growing Native Hawaiian Plants**.

This article will highlight the importance of planting pono and resources that are online to help you make that decision.

Responsible planting is IMPORTANT for protecting Hawaii's environment. Invasive plants are plants that arrived in Hawaii with people or on planes and ships, which spread uncontrollably and cause harm to native habitats. Invasive plants are one of the greatest threats to Hawaii, our home. While the majority of non-native plants (plants from elsewhere) in Hawaii are either beneficial or harmless to our environment, a small percent are invasive—they spread and negatively impact native Hawaiian plants and animals, agricultural crops, water resources and the health and well being of residents.

- It is LEGAL to import into Hawaii 99.9% of the 250,000+ plant species that exist on Earth, even ones that are known to be harmfully invasive in similar habitats.
- Agencies do not stop the importation or sale of plants unless they are specifically listed on the very limited Noxious Weed lists.
- Of the 250,000+ plants in the world, 10% will be invasive if imported and grown in Hawaii
- Most people don't realize that some plants being sold on the internet or in garden shops could be harmful to the environment. Others don't realize that birds and the wind can easily carry seeds far beyond their gardens or yards.

What can we do? Plant Pono!

Planting pono means taking care to make good planting decisions. Here are three ways you can Plant Pono:

- When buying plants, ask for native Hawaiian plants or plants that are non-invasive (ones that don't spread easily).
- Gather information. The Native Plants Hawaii webpage, www.nativeplants.hawaii.edu, has information on native plant care and availability. Or, if you have a non-native plant in mind, use a search engine to get more information. Just type the name of the plant (common or botanical name) with the words “invasive” and “Hawaii” to see if conservation groups are trying to control it. If so, please consider using a different plant.
- Use the Hawaii Pacific Weed Risk Assessment (HPWRA) system. The HPWRA is a free, non-regulatory “background check” of non-native plants to assess whether they may be invasive in Hawaii. Visit the Hawaii Pacific Weed Risk Assessment website (www.botany.hawaii.edu/faculty/daehler/WRA/ or www.hpwra.org) to see the list of plants that have been assessed.
- If your plant isn't on the list, you can have a Weed Risk Assessment Specialist assess the plant for free. Email plant names or questions to hpwra@yahoo.com.

The www.plantpono.org website will consolidate these resources for easy access and use. Don't forget to check the plantpono website in fall of 2011! Mahalo!

Heidi's Top Plant Pono Picks

Natives

Pritchardia hillebrandii
 Pritchardia martii
 Hina Hina
 Uki Uki
 Ilima
 Ohia lehua
 Gardenia mannii
 Gardenia remyi
 Gardenia brighamii
 Hibiscus arnottianus
 Hibiscus brackenridgei
 A'alii
 Hala'ula

Non Natives

Crown Flower
 Plumeria
 Tumeric
 Blue Ginger
 Polyalthia longifolia pendula
 Brownea macrophylla
 Queens Hospital White Shower Tree
 Royal Poinciana
 Coconut
 Red Sealing Wax Palm
 Cordia Subcordata

Web-Sites worth checking out.....

lawnsite.com - landscape forum
 mauimisc.org - Maui Invasive Species Comm.
 rareseeds.com - Baker Creek Heirloom Seeds
 mauinativenursery.com - Native Nursery LLC
 hear.org/starr/images/?o=plants - HI plant Pics & ID
 Leevalley.com - garden and landscape supplier
 perfect-blend.com - Organic Turf & Landscape Fertilizer
 Baileysonline.com - Logging Supply Outfitter
 Merwinconservancy.org - garden conservancy on Maui
 flemingarboretum.org - garden conservancy on Maui

ATTENTION MEMBERS:

MALP wants your input. We want to know what topics you are interested in hearing about at our bi-monthly meetings, or if you are interested in volunteering to speak.

Send your ideas to our NEW email at malp.org@gmail.com



If you've been looking for a broad spectrum insecticide with high efficacy and low environmental impact, **we have the solution.**

- Does not promote insect resistance
- Low environmental impact
- No unpleasant odor
- Broad spectrum efficacy

For More Information
 Call or Visit
Hawaii Grower Products
 877-6636

Please, always read and follow label directions



Available At:



Fertilizer Highlights

Turf & Landscape

Perfect blend is organic and is designed to mimic nature and efficiently accelerate the build up of natural fertility in topsoil. Gardens and lawns grown in fertile soil are less susceptible to disease, insect attack and fungus. The goal is to attain a high healthy microbe level in the soil and perfect blend is formulated to provide a full range of primary, secondary and trace minerals. Perfect Blend is available at: Hawaii Growers Product (HGP)

Guaranteed Analysis

Total Nitrogen (N)	4.00%
0.40% Ammoniacal Nitrogen 0.03% Nitrate Nitrogen 1.50% Water Soluble Nitrogen	
2.07% Water Insoluble Nitrogen *	
Available Phosphate (P O)	4.00%
Soluble Potash (K2O)	4.00%
Calcium (Ca)	7.0000%
Magnesium (Mg)	0.7000%
0.70% Water Soluble Magnesium (Mg)	
Sulfur (S)	3.0000%
3.00% Combined Sulfur (S)	
Boron (B)	0.0200%
Cobalt (Co)	0.0005%
Copper (Cu)	0.0500%
Iron (Fe)	0.1000%
0.10% Water Soluble Iron (Fe)	
Manganese (Mn)	0.0500%
Molybdenum (Mo)	0.0005%
Sodium (Na)	0.1000%
Zinc (Zn)	0.0500%

A Summary of January's Meeting

Guest speaker: Dr. James Leary

Invasive Weed Management Specialist



If there is a most wanted list of weeds then Dr. James Leary is the sheriff on island calling them out. He is working for the (NREM) department for the college of tropical agriculture and human resources of the University of Hawaii and he was our guest speaker for Jaunuary 2011. His presentation was full of up to date information on current weed problems facing the island as well as new methods of controlling invasive plants. Some of the most notorious weeds to top the list include: Fire weed, African tulip tree, Christmas berry tree, Miconia and Clidemia to name a few.

A lot of emphasis was focused on Fireweed and the impact that it is having on the upcountry area. Fireweed is a small weed with a little yellow flower that is toxic to livestock and cattle, and causes lots of problems for ranchers. Dr. Leary presented topographical maps showing how the fireweed is rapidly spreading all over upcountry, mostly along our major road ways (Kula Hwy). Maui county spends upwards of \$90,000 a year managing this weed and it is still rapidly spreading.

Fireweed is drought tolerant and strongly competes for water and nutrients. It is primarily transported via wind and vehicular transportation. Effective means of control for fireweed include several techniques that can be used in combination to maximize control efforts. Keeping fields clean and managing roadways are key objectives. This is accomplished by allowing field grass to grow thick and tall to suppress weed growth.

It is not good to let field area's become over-grazed and proper forage management is key for long term control. Area's of fireweed growth should be broadcast treated versus spot treated with a residual herbicide. Milestone herbicide is very effective, with a 37 week management period. Milestone management costs are approximately \$23/Acre. Other effective herbicides include Cimeron Plus with 24D. Using a surfactant will maximize herbicide efficacy. Please remember to follow the mixing instructions on the label or consult a professional. Proper management also includes follow-up treatment and then continued proper field management again.

Another control method worth noting is the state-of-the art paint ball technique used for extreme terrain and difficult to reach weeds. The paint ball gun uses herbicide filled ammunition, which Dr. Leary helped pioneer technology for. The war on invasive weeds in Maui county continues to be fought and we need your help.

If you would like to know more information about weed management and how you can help out go to the website:
<http://www.ctahr.hawaii.edu/invweed/index.html>

Other noteworthy efforts working against unwanted invaders -Maui Invassive Species Committee (M.I.S.C.)-

The Maui Invasive Species Committee (MISC) is a partnership fighting to protect Maui County from the most harmful invasive plants and animals that threaten our environment, economy, and quality of life.

MISC works to prevent invasive species from becoming established within Maui County (Maui, Molokai, Lanai and Kahoolawe), controls invasive species on private and public property, and educates people about invasive species and how to protect Maui County.

www.hawaiiinvasivespecies.org/iscs/misc/

2011 PAID MEMBERS

MALP relies on its membership dues to support informational meetings, community work days, industry related fairs and field trips and to advertise its members to the general public through its online and printed membership directory.

Oliver Aguinaldo
Jeff Bantilan
Alex Baraoidan
Pamela Beagle
Kevin Boteilho
Oswaldo Cardenas
Karl Casco
Jason Dagenhardt
Keona Dang
Torben Danielsen
Aiko De Silva
Russ Dooge
Sheldon A
Jan Elliott
Ann Emmsley
Olin Erickson
Ken Findeisen
Rubens Fonseca
Lissa Fox
Isaac Friedman
Glenn Gazmen
Warren Gibson
Paul Gillespie

Pam Gould
Tim Gunter
Chris Hart
Coursen Hoke
Dan Honma
William Jacintho
James Jones
Al Kakazu
Shigeru Karakawa
Kevin Ledesma
Kathy Lindsey
Danny Lynch
Elaine Malina
Susi Mastroianni
Sarge McBride
Cresencio Yagin
Gill Brooks
Christopher D. Curtis
Woody Goble
Clark Hashimoto
Jim Heid
Robert Hobdy
Billy Irvine

Harold Keyser, Ph.D.
Doug MacCleur
Robert T. Martin
Godfrey Mau Maliko
Elizabeth Michalkow
Gary Mohrlang
Norman Nagata
Ken Ota
Anna Palomino
Reny Platz
Ernest Rezents
Pam Shingaki
Gregory Stout
Andy Taira
James Tavares
Linda Turnbull
Melanie Turner
John Umeno
Philippe Visintainer
David & Martha Vockrodt-Moran
Warren Watanabe
Rich von Wellsheim

MALP Membership Form

New Member

Renewing Member

Name: _____

Company: _____

Address: _____

Phone: _____ Email Address: _____

Please Send \$45.00 along with this card to:

MALP, PO Box 2099, Wailuku HI 96793-2237



What is ArtScapes?

It is a new design/art competition for artists, landscapers, students and garden enthusiasts to express their artistic side using plants and other natural elements.

When will the exhibit/competition be held?

In conjunction with the M.A.L.P. Lawn and Garden Fair

What are the rules?

It's simple, the art entry has to use at least **60%** plant material as a part of the exhibit. The plant materials can include: anything organic (living or cut), Props (vases, statues, mirrors, fountains, etc), power may be available upon request for your exhibit and No artificial vegetation. Group entries are welcome. Participants under 18 will need to have an adult guardian present to participate.

How large can the Artscapes entry be?

Each Artscapes entry will have a 15' x 15' space (225 sq. ft.).

What about set-up and security?

You are able to set-up the night before or the morning of the Lawn and Garden Fair. Security will be provided overnight and during the event.

Is there a prize?

Yes!!! \$300 for 1st place, \$200 for 2nd place & \$100 for 3rd place. Plus! \$200 for Student Entries (solo or group, current High School or U of H students)

When do I need to enter?

There is No Entrance Fee this year! So nothing to lose.

The sooner you enter the better, we have limited spaces available. The Contest will be held in the fall of 2011, so start planning now.

Please join in on the fun of this event and help us grow Artscapes into an event that the whole community can partake in. We will be sending out more information on this event closer to the Lawn and Garden Fair. Contact: malp.org@gmail.com with any Questions.

**2010 1st Place Winner,
Debra Fair**



**2010 2nd Place Winner,
Zach Hansel**



**2010 3rd Place Winner,
Susi Mastroianni**



Additional 2010 Entries



Up-Coming!

This years Lawn and Garden Fair will be held late fall.

Booths are available and we are also seeking sponsors. Please contact us if you are interested. Prices vary.

Contact us at: malp.org@gmail.com.

We have not secured a site location and therefore our exact event date has yet to be determined. Our goal is to find a suitable venue to host the annual Lawn & Garden Fair for years to come. The next newsletter will have all the details.

16th Annual Lawn & Garden Fair



Member Shout-Out!
Plant Booth/Sales Help

We need help growing plants to sell at this year's Lawn & Garden Fair as a revenue generator for MALP meetings and events. Anything Helps. All donations are happily accepted.

Event Booths and Promotional Opportunities Available

“The green industry...we make Hawaii look good.”

Heidi Bornhorst 3-23-11

2011 MALP BOARD MEMBERS

Gary Mohrlang - President
Terry Nutt - Vice President
Ken Findeisen - Treasurer
Kevin Botelho - Secretary
Anne Emmsley - Vocal
Olin Erickson - Vocal
Elizabeth Michalkow - Vocal
Norman Nagata - Advisor

Upcoming Events!

D.T. Flemming Arboretum Camp-Out/
Workday
June 4th & 5th

31st Annual Upcountry Ag Fest
June 11th & 12th

Monthly MALP Meeting
July 26th

Lawn & Garden Fair, featuring ArtScapes
Late Fall 2011

The mission of the Maui Association of Landscape Professionals (MALP) is to exemplify leadership by offering education to its membership, the industry, and the community.

MALP

P.O. Box 2099

Wailuku, HI 96793-2237

www.MALP.org

malp.org@gmail.com

