Ulu Ka Hoi
by Lisa Schattenburg-Raymond

Ulu Ka Hoi, To Grow Interest, is Maui Nui Botanical Gardens’ (MNBG) new educational program and you are invited to participate. Through Ulu Ka Hoi we will promote an appreciation of conservation and cultural uses of native and Polynesian-introduced plants that will grow support for their protection here at MNBG and throughout Maui Nui. In its initial phase the program will be comprised of the building of a docent program, weekend cultural demonstrations, and monthly hands-on cultural workshops.

Under the auspices of Ulu Ka Hoi we are in the final stages of developing a MNBG docent program which will provide well-trained individuals with the opportunity to lead educational walks in the Gardens. The tours will feature insight into the conservation of Hawaii’s unique plants, their stories and their cultural uses. Everyone benefits from this program; visitors will receive a high-quality interpretive experience, the new docents will receive in-depth training in the cultural use and conservation of native and Polynesian introduced plants, and MNBG will have new and enthusiastic advocates living and working in our community (as we train more docents and give more tours). Tours begin in October 2010.

Also, on select Saturdays MNBG will host cultural demonstrations by skilled local practitioners. These free public demonstrations will provide Garden visitors with a taste of the beautiful and practical ways that Hawaii’s plants are utilized in daily life and artistic expression. A number of artisans and cultural groups have already committed to sharing their knowledge. These include Master hala weaver Pohaku Kaho‘ohanohano, The Kapa Hui and Shari Lee will demonstrate kapa making, and the Pā‘ū Hui, coordinated by Crystal Smythe-Alboro, will share lei making to adorn both horse and rider in the colorful pageantry of Hawaii’s parades.

The last component of Ulu Ka Hoi involves a partnership with local conservationists and cultural practitioners to offer cultural and horticultural workshops. These workshops will be centered on our collection’s ethnobotanical resources and will provide participants an opportunity to learn from experts on a range of topics from cultivating native plants to dye and kapa making.

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Tel: (808) 249-2798 Fax: (808) 249-0325 Email: info@mnbg.org Web: www.mnbg.org
A generous grant from the Hawaii Tourism Authority and the County of Maui has made the docent training and cultural demonstrations possible. A few of our offerings, like the guided tours and the workshops, will have reasonable fees to defray costs and to maintain our garden collection. The long-term success of the Ulu Ka Hoi program will depend on your growing interest, so please visit www.mnbg.org for a calendar of events and to sign up for any of our offerings. We look forward to seeing you here in the Gardens!

**Ulu Ka Hoi continued**

During this transition the Board has been actively re-defining MNBG’s role as a botanical garden and organizing to meet that vision. In particular, the Board sees MNBG expanding its conservation and education programs. On the conservation side our staff will be working more closely with Maui Nui-based conservation agencies to provide rare and endangered plants for conservation and restoration programs. Educationally, we will reach out to targeted communities like University of Hawaii ethnobotany students and kumu hula and their hālau to inspire conservation of native plants and preservation of our Hawaiian cultural heritage. In addition we will be offering more programs for all of Maui Nui’s residents and visitors.

The plantings at the Gardens will also expand to enhance the perpetuation of a conservation ethic and to provide a backdrop for our educational programs. Over the next several years the MNBG staff will carefully construct the Gardens’ living collection to be reflective of select ecosystems in Maui Nui. In particular, dry coastal and lowland forests will be represented in the species we choose to plant. For our Polynesian-introduced plants we will design and construct a culturally accurate section of the Gardens to present the cultural context of the uses for these plants.

Please come and visit us over the next few months so we can continue to update you on our progress. These truly are exciting times for the Maui Nui Botanical Gardens and we want you to experience with us the exhilaration of our evolution.

**Designing Change**

By Anders Lyons, Interim Executive Director

If you have been around the Gardens recently you have heard the buzz; things are changing. Inspired by long-term Executive Director Lisa Schattenburg-Raymond’s desire to launch a new Education Program, there have been a host of carefully designed changes over the past few months. On the leadership side, Lisa has given up her top role in the organization to become the Education and Cultural Programs Manager. I have been hired as an Interim Executive Director to provide the planning and guidance the organization needs for this type of leadership transition and new program development. This fall there will be a permanent Executive Director on board to provide Maui Nui Botanical Gardens with the leadership it needs for continued success.

The plantings at the Gardens will

**Calendar of Events**

**Native Hawaiian Plant Sale** -  
**Saturday, August 28, from 9-12pm**  
Grow Native! Promote the survival of native Hawaiian plants by growing them in your backyard! Head over to Maui Nui Botanical Gardens for your chance to purchase native Hawaiian plants from numerous local growers. Let’s all work together to keep Maui Nui nō ka ‘oi.

**Arbor Day Hawaiian Tree Giveaway** -  
**Saturday, November 6, from 9-12pm**  
Come to Maui Nui Botanical Gardens and join the celebration of trees at the 9th Annual Arbor Day Hawaiian Tree Giveaway! MNBG partners with Maui Electric, the Dept. of Water Supply, and DLNR Kaulunani Program to give away 1000 Hawaiian trees to anyone willing and able to care for them. Experts will be on hand to answer your plant and landscape questions.

**MAUI NUI BOTANICAL GARDENS MISSION STATEMENT**

The mission of the Maui Nui Botanical Gardens is to foster appreciation and understanding of Maui Nui’s plants and their role in Hawaiian cultural expression by providing a gathering place for discovery, education and conservation.

**MAUI NUI BOTANICAL GARDENS VISION STATEMENT**

Cultivating widespread preservation, conservation, and integration of Hawaiian plants throughout Maui Nui.

**MAUI NUI BOTANICAL GARDENS VALUES**

‘Ola ‘O (integrity, truth)  
Malama (stewardship, preservation)  
Hō`āula Hou (re-awaken)  
Hō`ona‘ano (education, enlightenment)
With Gratitude from Our Garden
Mahalo to Jennifer Rose for donating garden gloves and clippers, Maui Eko Systems and Jeff Gray for delivery of mulch and compost, Alaka'i Paleka of KPOA 93.5 FM for garden gloves and 5 gallon buckets, Diana Schulte for drinking cups, Carolyn Paleka for tablecloths and garden gloves, Island Plant Company for Pritchardia fronds, D.T. Fleming Arboretum at Pu‘u Mahoe for Hibiscus cuttings and nānū seeds, Edwin Tanji for kukui trees, Kiera Strohm-Herman for continued support on Garden interpretive signage, and Mary Evanson for guide books on Hawaiian Lei making, petroglyphs and huna.

Mahalo to our Interns & Volunteers:
Constantino Toledo, Glen Bruck, Kaydee Park, Melissa Tavares, Makai Mann, Chelsey Borge, Michael Gorman, as well as May Taro Sale Volunteers Penny Levin, Gloria Adlawan and Diana Schulte.

MNBG Community Contributions
Maui Eko Systems (milo, kamani & kukui trees), Montessori School Kihei (Hibiscus arnottianus & Hibiscus koki‘o ‘ula‘ula), Maui Coastal Land Trust (kāwelu grass), Pae Loko (niu, lama, ‘ōhi‘a ‘ai, ‘ulu, ko‘okoʻolau), King Kamehameha III School (niu for May Day celebration), Grower’s Secret by ABR LLC. (kalo plants).

Wish List
• New or used golf cart in good condition
• Mulch and compost donation
• Chainsaw with 24 inch blade or longer
• Irrigation supplies
• Sponsorship of new phone system
• Canon Rebel digital camera
• Wood chipping services

• Dump truck services
• New or gently used refrigerator for seed storage
• Environment Hawai‘i Subscription

If you would like to contribute to the purchase of one or more of the items listed, please call 249-2798.

LOCATION & HOURS
150 Kanaloa Avenue
Keōpūolani Park, Kahului
Across from the War Memorial Sports Complex
Monday-Saturday
8:00 am—4:00 pm*
Admission Free
Closed Sundays & Major Holidays
*Weather permitting & staff availability.

GROUP RESERVATIONS
Reservations are required for group activities.

CONTACT INFORMATION
Mailing: P.O. Box 6040
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Email: info@mnbg.org

NEW! Give Online
MNBG is now able to accept donations online!
Make a donation, pledge or renew your membership by visiting www.mnbg.org and clicking on “make a donation”.

SAVE A TREE!
If you would like to receive your newsletters via email, please email us at info@mnbg.org. You may also view them on our website at www.mnbg.org
New Staff at Maui Nui Botanical Gardens
Maui Nui Botanical Gardens welcomes Whit Germano, taking over for Nohea Daliva, as the Administrative Assistant. Whit was born in Hilo on the Big Island and raised in Maui. He is a graduate of Kamehameha Schools, Kapālama, and holds a Bachelor of Arts from California’s University of the Pacific. Whit recently moved home to Maui after working as a Theatre Marketing Coordinator in Manhattan, New York for 5 years. He is excited to reconnect with and celebrate Hawaiian culture through the conservation of native Hawaiian plants.

MNBG bids farewell and good luck to Program Manager (and New Mom!), Nohea Daliva, and her husband Elika.

(MNBG Staff from left to right) Kaydee Park (HYCC Intern), Constantino Toledo (Volunteer), Anders Lyons (Interim Executive Director), Stephanie Seidman (Nursery Manager), Whit Germano (Administrative Assistant), John Aquino (Grounds Maintenance), Lisa Schattenburg-Raymond (Education & Cultural Program Manager), Tamara Sherrill (Garden Manager)

Taro Sale - Review
For one day only, upwards of 60 varieties of taro from family groups Mana, Piko, Kai, Lauloa, ‘Ele’ele, ‘Ula’ula and Manini were offered to Maui Nui residents for purchase at the Gardens. Taro inventories were wiped out within 3 hours! MNBG would like to say mahalo to taro expert, Penny Levin, for spending the day answering patrons’ questions, and to volunteers Gloria Adlawan and Diana Schulte for helping with preparations, set up and breakdown. Many thanks, also, to Maui News for great coverage of this special event. Be sure to join us at the Gardens on Saturday, August 28th, for our next native Hawaiian plant sale!
Native Hawaiian
PLANT SALE

GROW NATIVE!
Promote the survival of native Hawaiian plants by growing them in your own backyard! Let's all work together to keep Maui Nui nō ka `oi!

Experts available to answer your questions regarding plants and landscape!

Saturday, August 28, 2010
Maui Nui Botanical Gardens
9:00am to 12:00pm
150 Kanaloa Avenue
in Kahului
Across from the War Memorial Stadium

For more information or to make a donation please call 808-249-2798 or visit www.mnbg.org
Conservation of native plants is a multi-faceted effort and one in which the Maui Nui Botanical Gardens (MNBG) plays several important roles. First, we educate. A visit to our collection is an excellent way to learn to recognize native plants in the wild. The Gardens’ native and Polynesian-introduced plant varieties are also used in workshops to contribute to the vitality of Hawaiian culture. Second, we are a ‘seed bank’ with many rare and endangered plants being cultivated in our garden as a safety net. This cultivation buys time for people doing restoration in the wild to mitigate threats before reintroducing species. Lastly, our nursery grows seedlings that are planted directly into protected coastal and dry forest restoration sites. We’ve made some significant progress in these three areas of our plant conservation program and would like to share some highlights with you.

**Restoring Nesting Habitat At Waihe‘e Dunes**

We were approached by the Maui Coastal Land Trust (MCLT) to partner in creating a native plant seed bank to restore portions of their Waihe‘e Dune as a native seabird nesting habitat. MNBG staff consulted with retired State Forester Bob Hobdy and State Seabird Recovery Specialist Fern Duval on which species to target for restoration. This consultation resulted in a focus on kāwelu (*Eragrostis variabilis*), a native coastal grass, as the ideal candidate for out-planting. MNBG will locate and collect kāwelu in the wild and produce 2,000 plants for MCLT to plant in an irrigated plot. MCLT will then use them to create the plants necessary to achieve their restoration.

**Kāwelu Collection Trip To Kanounou Point Results In New Species for Garden**

In May Stephanie Seidman, Nursery Manager, and Tamara Sherrill, Garden Manager, were accompanied by Bob Hobdy on a trip to Kanounou point, the northernmost point on West Maui, in a search for wild populations of kāwelu. Kāwelu proved to be elusive on this trip however several exciting collections were made. The team was successful in collecting the indigenous grass mānienie ‘ula (*Chrysopogon aciculatus*), the endemic sedge *Cyperus phleoides* with no known Hawaiian name, as well as two new herbaceous plants, ‘akoko (*Chamaesyce celestroides var. amplectens*) and ‘ena’ena (*Pseudognaphalium sandwicensis var. molokaiense*). We also collected ripe seed capsules from hundreds of the endangered annual ‘awiwi (*Schenkia sebaeoides*), for long-term seed banking and storage. We plan to return soon to resume our search for kāwelu.

**New Hope For Maui’s Wild Kauila Trees**

There are fewer than 2,000 kauila (*Colubrina oppositifolia*) state-wide and only three individuals on Maui. Kauila is primarily known to grow on Oahu and Hawaii’i Island, but one plant was discovered on Maui in The Nature Conservancy’s (TNC) Kapunakea Preserve in 1992. It was infested with twig borers and TNC thought they had discovered this species just in time to see it disappear. With only one individual known on the island, the conservation community rejoiced when that lone plant produced a handful of seeds. Restoration efforts however proved difficult as the half dozen of those seedlings died one after the other. Even a seedling placed in the ground here at the Gardens failed to thrive.

As a last resort, the sole surviving seedling was dug up and placed in a well controlled potted planter at MNBG. This tree has responded very well to its new home and in a few short years has grown to well over six feet tall. This kauila has flowered on many occasions but has never set seed – until now. A flowering event in February of this year has resulted in dozens of seed clusters. Let there be no doubt that collection of seeds from MNBG’s kauila truly could be the turning point for this noble tree on Maui.
New Interns at the Gardens
MNBG is thrilled to have Hawai‘i Youth Conservation Corps intern, Kaydee Park for the summer. Kaydee is going into her senior year at Kamehameha Schools Maui and has been a joy to work with. We also extend our warmest aloha to volunteer Constantino Toledo. We thank you both for your hard work and wish you the best in future endeavors.

Volunteer Central

Mahalo Weed & Pot Club
Paul Kastner       Anudeva Stevens       Linda Brady
Janet Allan       Diana Schulte       Terry Thomas
Gloria Adlawan    Kay R. Bie          Deborah Kremins
Cindy Singer      Becky Lau           Kathy Park
Raymond Higashi   Velma Nakamoto      Michael Kappos
Duncan Stenzel    Winnie Wagstaff
Phyllis Sato      Renee Leiter
Richard “Ric” Schwichtenberg
Darlene Kashuba
Jennifer Rose
Florence Shotts
Ryan Morin
Lori Ajifu

Check out What’s Blooming!
Ma‘o
Gossypium tomentosum, MALVACEAE
Mallow family (endemic)
Hawai‘i’s endemic cotton can be planted in a wide range of soils and enjoys full sun exposure. Ma‘o flourishes during the hot months of Summer.
### Officers:
- **President**: Anne Carter
- **Vice-President**: Robert Hobdy
- **Secretary**: Janet Allan
- **Treasurer**: James Moriyasu

### Directors:
- Kathy Baldwin
- Renee Leiter
- Kapiro’ai Molitau
- Keali’i Reichel

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### MNBG STAFF
- **Interim Executive Director**: Anders Lyons
- **Education & Cultural Programs Manager**: Lisa Schattenburg – Raymond
- **Garden Manager**: Tamara Sherrill
- **Nursery Manager**: Stephanie Seidman
- **Administrative Assistant**: Whit Germano
- **Grounds Maintenance**: John Aquino

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Mahalo to our new & returning donors! (Since August 2009)

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Dr. Isabella Abbott
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Ko’oko’olau
*Bidens menziesii*
subsp. *menziesii*
Endemic

**SUPPORT THE GARDENS & HELP NATIVE PLANTS THRIVE**
Kupu means to sprout or grow. Just like the kupukupu ferns, you can help the Gardens grow through donations, memberships, bequests or by volunteering. Your contribution helps to ensure the survival and perpetuation of native Hawaiian plants and culture.

**DONATE**
Donations of monetary or in-kind contributions are greatly appreciated. To contribute, please fill out the enclosed donation envelope, call 249-2798 or visit www.mnbg.org to donate online.

**MEMBERSHIP**
Yearly memberships help to fund important botanical and educational programs, research and conservation efforts. Fill out the enclosed donation envelope or call 249-2798 to become a member.

**LEAVE A LEGACY**
Play a lasting part in protecting Hawai’i’s native plants through planned giving. Consider making a bequest to the Maui Nui Botanical Gardens in your will or trust. Call 249-2798.

**VOLUNTEER**
Give a gift of time. Volunteering at MNBG helps the Gardens accomplish many projects and also gives you an opportunity to learn about and work with native plants. Join our Weed & Pot Club every Wednesday morning from 8:30am - 10:30am. Call 249-2798 or visit www.mnbg.org for more information.