



# NATIVE HAWAIIAN PLANT SOCIETY

P.O. BOX 5021, KAHULULU, MAUI, HAWAII 96732

*Nanea nā pua o ka 'Āina aloha*

NEWSLETTER JULY 1988

## \* \* OFFICERS \* \*

President - Peter Connelly - 572-1499  
Vice-President - Mary Evanson - 572-9724  
Secretary - Linda Nelson - 661-4303  
Treasurer - Leslie Hiraga - 669-0703  
Fund-Raising Coordinator - Lisa Raymond - 579-9787

## \* \* TEESHIRTS \* \*

The Society will have a new teeshirt available in August. As usual it will be a depiction of a plant we have saved during the year. This time it's Canavalia haleakalaensis, a rare leguminous vine we protected with fencing in the La Pérouse area. Shirts will come in men's and women's sizes and we will offer the popular China-tee as well as long and short sleeve styles.

## \* \* AUWAHI UPDATE \* \*

Our Auwahi project has held four working field trips this year under the supervision of project leader Peter Connelly.

On January 14, Ross Hart, David Texeira, and Pat Conant volunteered to help construct a fence around a patch of ʻĀwīkīwīkī (Canavalia haleakalaensis) near La Pérouse Bay. Also in this new enclosure are Mālapīlo (Capparis sandwichiana) and Hap (Rauwolfia sandwicensis). These native plants have been grazed to near extinction by feral goats. Maui Helicopters donated .3 hour of helicopter time at fuel cost for this project. On April 24, Laurina Harrison, Paul Higashino, and Art Medeiros built two fences in Auwahi to enclose two Māhamehame trees (Onyctes phyllanthoides). The Nature Conservancy assisted by providing transportation.

Two more enclosures were built around a Māhōe (Alectryon macrococcum) and ʻĀlāʻā (Planchonella auahiensis) on May 13. The hard-working volunteers on this day were the Quisenberry family, Chris Alexander, Marion Ardoin, Cathline Natividad, Steve Hodges, Anna Mae Shishido, Bob Hobdy and Pat Conant. Again, thanks to the Nature Conservancy for assisting with 4WD transportation. On June 11, Chuck Hirata and Yours Truly travelled to Auwahi to spray Kikuyu grass, collect seeds, and do fence maintenance. Thanks to Chuck for the use of his 4WD car. Chuck also did a fine job of preparing an index of Hawaiian and scientific names for "Status of Native Flowering Plant Species on the South Slope of Haleakalā, East Maui, Hawaii." This definitive study was

written by Medeiros, Loope, and Holt, and is used as a reference by the Plant Society for determining what plants need management efforts in Auwahi. If you have a copy of this study and want the useful index, contact Peter Connelly or Chuck Hirata.

There is lots more work to do in Auwahi. If you'd like to volunteer, contact Peter Connelly. You will need 4WD transportation and the ability to perform hard physical labor.  
--Peter Connelly

\* \* 'EKE UPDATE \* \*

According to State Forester Bob Hobdy, the first fence built above Camp Maluhia by the NHPS is keeping the feral pigs away from 'Eke Crater. Two other fences near the summit of 'Eke are almost complete and several more fences will be completed by Forestry, hopefully this year. The Natural Area Reserve Commission donated \$300 to the NHPS for our volunteer efforts in this project. --Peter Connelly

\* \* LĀNA'I SEED COLLECTING TRIP \* \*

Thanks to the gracious donation of air transportation from Princeville Air, Peter Connelly was able to travel to Lāna'i to collect seeds from endangered Lāna'i plants. Accompanying Peter was our new Lāna'i member Alfred Leonillo. An ʻĀwīkīwīkī (Canavalia lanaiensis) was found to be near extinction. The large vines had died and left behind only a few parched seedlings. These plants appear to be in the way of the 18th fairway on the golf course being developed by Castle & Cocks at Hulopoe. Luckily, some seeds were collected and germination efforts have begun. Sandalwood seeds were also collected, and Alfred has agreed to keep watch over these rare Lāna'i plants. Thanks to Alfred and his wife Patsy, and also thanks to Lāna'i member Edean Desha.

Speaking of Lāna'i, a big mahalo to Leslie Hinaga for her diligent efforts at propagating Hibiscadelphus crucibracteatus. The parent plant on Lāna'i perished despite our fencing efforts. Leslie's seedlings are now in good hands, and, as soon as more seeds are produced, this plant will be reintroduced to Lāna'i. Good work, Leslie. Also, thanks to 'Ulupalakua Ranch for donations of fencing materials. --Peter Connelly

\* \* NEW STEWARDSHIP OPPORTUNITY - KANAHĀ POND \* \*

In February 1988, we started a cooperative venture with Meyer Ueoka (Wildlife Biologist, State Department of Land and Natural Resources) planting native Hawaiian plants at the Kanahā Pond Wildlife Sanctuary. The wonderment of it all is that Kanahā Pond lies in the shadow of a booming airport and an industrial park, yet provides sanctuary and great opportunity for environmental awareness programs.

Small areas of kiawe and tamarisk have been cleared and in their place we have set out a total of 57 plants — 'Āfāfāfā, Hala, 'Akoko, Kukui, Koala, Hāy and Louly. To date, all are alive and healthy. Diverse planting will continue after the hot summer

season. Since it is extremely important to provide wind protection at the Sanctuary, clearing and planting proceed carefully. Meanwhile, planning, learning, propagating and maintenance of the plants continue.

If you have heard the Hawaiian Stilt, Coot, Gallinule, Black-Crowned Night Heron, migratory shorebirds or ducks call your name for HELP....Please telephone Eda Kinnear, 871-4891, or Martha Martin, 579-9019. --Eda Kinnear

\* \* ODDS AND ENDS \* \*

The Society needs a publicity person. Sometimes our name comes up in the media, and we want to present our point of view. Sometimes we would like to have our name, purpose or projects in print. If you want to help, contact Linda Nelson at 661-4303.

Our liability insurance has increased four-fold this year. This is a necessity for us because our projects are often on private land and the landowners demand that we carry such insurance. Otherwise, no projects. Now we are calling on you, our membership, to help us with this large expense. Just earmark the check "for liability insurance" and we'll gratefully put it towards that bill.

\* \* IN MEMORIAM -- WAYNE GAGNÉ -- 1942-1988 \* \*

Wayne Gagné, Bishop Museum entomologist, widely known conservationist, and member of NHPS, died at his home May 24 of a heart attack. Canadian born, he joined the Hawaiian scientific community when he became a field assistant for the Bishop Museum in 1968. Through the years he expanded his role to include research, teaching, lecturing on the natural history of Hawaii, and supporting wildlife and habitat conservation in Hawaii and the Pacific. His conservation work won him the Award of Merit on Conservation from the National Wildlife Federation in 1984. NHPS members will remember the entertaining and enlightening slide show he gave at our night meeting in 1985. He is survived by his wife, Betsy Harrison Gagné. A memorial service will be held on Maui on July 24. Betsy requests that no flowers be sent. Instead, donations can be made to the Bishop Museum's Fatu Hiva Biological Expedition, (in which Wayne was to participate) c/o Bishop Museum's development office. Also, you can send a check earmarked for the Society's memorial donation to that expedition. That's P.O. Box 5021, Kahului, HI 96732.

\* \* VOLUNTEERS NEEDED \* \*

We will have an informational booth at the "Ho'omau" Concert (a benefit concert for Pūnana Leo O Maui--the Hawaiian language preschool). The concert will be held Sunday, August 14, from 9 a.m. to 5 p.m. in the amphitheater of the Maui Zoo and Botanical Garden. Anyone interested in manning the booth, call Lisa Raymond at 579-9787.

Are you interested in plant setting? We would like to have

an Hawaiian Plant Sale at the next Zoofest. We need volunteers to take home a few flats of seedlings to tend until next April. Do you have any cuttings or seeds to share for this project? If you are interested in participating or helping at our potting party, call Lisa Raymond at 579-9787. --Lisa Raymond

**\* \* KAHŌŌLAWE CISTERN PROJECT - APRIL 15, 16, 17, 1988 \* \***

**Objective:** to finish the job started last November of repairing the cistern, diversion ditch, and dam gate.

**Participants:** René Sylva, Charlie Lindsey, Max Agather, Chuck Hirata, Bill Evanson, Linda Nelson, Mary Evanson, Ben Nu, Willie Acain, and John Berg.

We left Kahului Airport Friday morning aboard a Navy helicopter for the twenty minute ride to the military facility at Honokanai'a (Smugglers Cove). After unloading our gear, we went directly to the cistern in a truck that was ours for the weekend. For those who had been on the November trip, the change in the area was dramatic; what had been bare dirt was now covered with thick, tall weeds and grasses due to the very heavy rains. The Navy supplied us with the cement and mixer that we used in restoring the diversion ditch and new gates that divert water from the dam into the cistern.

Saturday morning we were back at the site at 8:00 and completed most of the work. In the afternoon, we drove out to the area on the other side of the island where we had done our revegetation projects. It was a great opportunity to see more of the island and get some idea of the size, erosion problems, and state of the vegetation. The key to the island's problems is simply WATER.

Sunday we returned to the cistern to finish up and clean up the area. We also planted six Hau by the beach at Smugglers Cove and two more by the camp itself. All too soon, the chopper was there, and we were back at the Kahului Airport before noon. I think we all want to go back and plant more native Hawaiian plants. That island needs all the help it can get.  
--Mary Evanson

**\* \* GRESSIT RARE PLANT SANCTUARY \* \***

This spring, we have been busy mapping, tagging and maintaining the plants in our West Maui preserve. On April 28, Linda Nelson, Lisa Raymond, and Eda and Ian Kinnear started the project. On June 11, Linda was helped by Lisa Raymond, Janet Allen, Mike Nelson, and Leslie Hiraga and her sons. To date, about 1/2 of the planting has been surveyed. We will continue working through the summer to be ready for planting after the fall rains begin. Our next work day will be August 21. Truck or 4X4 transportation is a good idea on the sometimes slippery

access roads. I'm especially looking for West Mauians to work at the preserve because it is close by.

Our September work party will be a special campout, Saturday, September 24, on the preserve property. We'll do a little work, share potluck food, and hike the ridge above the preserve. Again, a 4x4 or a truck is recommended for getting up to the site. This should be lots of fun, gang!! If you're interested in either date, call Linda Nelson at 661-4303.

--Linda Nelson

*2:30 at Camp Picusa*

*\*\* MEMBERSHIP \*\* bring sickle + scissors*

Have you sent in your 1988 membership. If not, just fill *flora* out the form below and mail it to us with your \$5 check.

MEMBERSHIP FORM -- NATIVE HAWAIIAN PLANT SOCIETY

NAME _____	CATEGORIES	INDIVIDUAL	JOINT
ADDRESS _____	REGULAR	__\$5	__\$10
CITY _____ ZIP _____	SUPPORTING	__\$50	__\$55
PHONE _____	CONTRIBUTING	__\$100	__\$150
VOLUNTEER _____	LIFE	__\$500	

DONATION \_\_\_\_\_

Mail to: NATIVE HAWAIIAN PLANT SOCIETY, P.O. BOX 5021, Kahului, HI 96732



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