

NATIVE HAWAIIAN PLANT SOCIETY NEWSLETTER

1992 HIGHLIGHTS

- Jan. 10 Annual meeting for election of Board of Directors. Bill Evanson from The Department of Land and Natural Resources talked about the different Natural Area Reserves.
- Jan. 11 Work party to Auwahi--very productive trip.
- Jan. 20 Work party to The Gressitt Rare Plant Sanctuary.
- Feb. 8 Kanaha Pond Wildlife Sanctuary work party.
- Feb. 14 Guest speakers Patrick Horimoto and Dennis Kanae Keawe presented a great meeting about traditional Hawaiian plaiting of native plants(Ieie and Makaloa).
- Feb. 29 NHPS representatives attended a Native Hawaiian Plant Workshop at Hoomaluhia Botanical Gardens.
- March 16 & 20 Lihikai School Kindergarden students (145) tour Kanaha.
- March 24 Cub Scouts Den 5, Pack 6, visit Kanaha and plant Naupaka.
- March 28 Gressitt work party.
- March 31 Emmanuel Lutheran School, Kindergarden class, Kanaha tour.
- April 11 Auwahi work party.
- April 18 Participated in Zoofest.
- May 8 Guest speaker Marie Leilehua McDonald, author of "Ka Lei", presented a slide show on using native plants in lei making --over 200 people attended.
- May 9 La Perouse work party
- May 15 Emmanuel Lutheran School students return to Kanaha to plant Pa'u o Hi'iaka (you should see it now, beautiful!)
- May 25 La Perouse work party.
- June 12-13 Hawaii Environmental Educator's Association Conference at Seabury Hall, Maui. Exhibited photo/info board display outlining the Kanaha educational program that NHPS developed jointly with The Hawaii Audubon Society.
- July 11 Auwahi work party.
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- July 21-23 NHPS representatives attended Pan Pacific Conference at Blaisdell Center, Oahu.

1992 HIGHLIGHTS (cont.)

- July 30 Kimura/Nagata Coastal Plant slide show presented to State Forestry summer student workers. NHPS T-shirts and SUBWAY sandwiches were given to the workers as a thank you for a well done job of removing noxious plants at Kanaha Pond.
- Aug. 1 NHPS Board members conduct tour of Wailea Point native plant garden for MCC/VITEC Native Plant Workshop.
- Aug. 8 La Perouse work party.
- Aug. 14 Kanaha Pond "Full Moon Special" work party.
- Aug. 15 NHPS representatives attended a Native Hawaiian Plant Workshop in Kona.
- Aug. 22 Tour/picnic of D.T. Fleming Arboretum--great participation.
- Sep. 12 Gressitt work party.
- Sep. 26 Helped Na Ala Hele at the Pali Trail then later enjoyed the great scenery of Ukumehame Valley.
- Oct. 10 Hibiscus brackenridgei Exclosure work party.
- Oct. 25 Unscheduled field trip above Olowalu.
- Nov. 14 Kanaha work party volunteers clear an existing stand of Naupaka (inner pond) and cut back a wall of noxious Pluchea.
- Dec. 5 Maui Paradise Pursuits Competition, an environmental quiz show for high school students--NHPS participated by helping guide a field tour of Kanaha for the contestants and by donating prizes.
- Dec. 10 Volunteers guide 5th grade Kihei School students on Kanaha tour.
- Dec. 12 Auwahi work party.

12 CHAIRPERSON'S MESSAGE

THE YEAR 1992 SHOWED A DEFINITE INCREASE IN THE INTEREST IN NATIVE PLANTS. THERE WERE A NUMBER OF WORKSHOPS, ACTIVITIES, ARTICLES AND IN GENERAL, MORE INTEREST FROM THE PUBLIC. THE NHPS ALSO INCREASED AND CONCENTRATED ITS EFFORTS TO MAINTAIN AND IMPROVE OUR NUMEROUS PLANT SANCTUARIES. OUR 1992 MONTHLY SCHEDULE OF MAINTENANCE WAS AN IMPROVEMENT.

THE BOARD OF DIRECTORS HAS BEEN PLANNING LONG RANGE GOALS FOR EVERY PLANT SANCTUARY. THIS WOULD INCLUDE MORE MAINTENANCE, PLANT PROPAGATION, RECORD KEEPING, PLANTINGS, ETC. OUR 1991 SURVEY SHOWED THAT A LOT OF PEOPLE ARE INTERESTED IN LEARNING ABOUT AND SAVING OUR NATIVE SPECIES. HOWEVER, AT TIMES, MEMBER PARTICIPATION WAS NOT INDICATIVE OF OUR SURVEY RESULTS. THE NHPS (AND THE NATIVE PLANTS) WOULD APPRECIATE MORE PARTICIPATION IN 1993. PERHAPS, A BRIEF RECAP OF OUR PLANT SANCTUARIES MIGHT HELP TO RENEW DEDICATIONS TOWARDS HELPING OUR NATIVE SPECIES.

AUWAHI ENCLOSURES--A SERIES OF NINE ENCLOSURES ON THE SOUTHWEST SLOPE OF HALEAKALA (3000-4000' ELEV.) PROTECTS MANY SPECIES OF A ONCE VERY DIVERSE AND RICH AREA OF MESIC FOREST. FUTURE PLANS INCLUDE PROPAGATION AND REPLANTING OF MANY OF THE RARE AND NOT SO RARE SPECIES.

LA PEROUSE ENCLOSURE--A SMALL ENCLOSURE IN THE MIDDLE OF A LAVA FLOW IT IS AN EXCELLENT EXAMPLE OF HOW NATIVE PLANTS HAVE ADAPTED TO AN EXTREMELY HARSH ENVIRONMENT.

Hibiscus brackenridgei ENCLOSURE--LOCATED JUST SOUTH OF THE WAIKAPU GOLF COURSE, THE TARGET PLANT IS Hibiscus brackenridgei (MAO HAU HELE). THE BEAUTIFUL YELLOW FLOWERED HIBISCUS IS OUR STATE FLOWER BUT IS EXTREMELY RARE IN ITS NATURAL HABITAT.

GRESSITT RARE PLANT SANCTUARY--A SIXTY ACRE PLANT SANCTUARY LOCATED ABOVE MAHINAHINA ON WEST MAUI, IT INCLUDES NUMEROUS SPECIES NATIVE TO THE AREA AND THE NHPS HAS PLANTED AND HAS PLANS TO PLANT MANY MORE RARE SPECIES.

KANAHA POND WILDLIFE SANCTUARY--IN COOPERATION WITH THE STATE OF HAWAII, NHPS HAS NUMEROUS PLANT SITES WITHIN THE SANCTUARY. AN EXCELLENT EXAMPLE OF NATIVE COASTAL PLANTS, THE SANCTUARY IS ALSO USED BY THE NHPS FOR EDUCATIONAL FIELD TRIPS AS BOTH CHILDREN AND ADULTS BENEFIT.

Richard Nakagawa

*Mahalo for your generous
contributions and kind
considerations*

BAILEY FARMS

THE BULLETIN

COOK KWEE'S MAUI COOKIES

MR. PARDEE ERDMANN

MR. BILL EVANSON

MR. ROBERT HOB DY

HGP INC.

THE HONOLULU ADVERTISER

MOOLAWA FARMS

MR. PATRICK HORIMOTO

KAHULUI PUBLIC LIBRARY

MR. DENNIS KANAE KEAWE

MAUI COFFEE ROASTERS

THE MAUI NEWS

MAUI REST KWIK

MR. BOB McCLEARY

MARIE LEILEHUA McDONALD

THE NATURE CONSERVANCY

OASIS MAUI INC.

MR. CHARLES OTA

PAIA VIDEO

MR. JOHN PLEWS

RADIO STATIONS

HAWAII PUBLIC RADIO

KAOI

KMVI

KNUI

KPOA

SOUTH MAUI TIMES

ANNE & JACOB STARR FOUNDATION

STATE OF HAWAII-DIV. OF FORESTRY/WILDLIFE

SUBWAY SANDWICHES

THE VOCKRODT FAMILY

WAILUKU AGRIBUSINESS

WEST MAUI NEWS

māma ki



Hibiscus brackenridgei subsp. *brackenridgei*

ILLUSTRATIONS BY YEVONN WILSON-RAMSEY
 MANUAL of the FLOWERING PLANTS of HAWAII'I
 courtesy of Bishop Museum Press

Hibiscus brackenridgei (MAO HAU HELE)

OFFICIAL FLOWER OF THE STATE OF HAWAII (1988 STATE LEGISLATURE)

STRIKINGLY YELLOW FLOWERED HIBISCUS. SIZE/SHAPE VARIES FROM SHRUB TO SMALL TREE. FOUND ON ALL MAIN ISLANDS EXCEPT NIIHAU AND KAHOLAWE. RARE IN ITS NATIVE HABITAT (DRY, LOW ELEV. SHRUBLANDS). EASILY GROWN (CUTTINGS/SEEDS) FROM CULTIVATED PLANTS. ATTRACTIVE ORNAMENTAL, NEEDS FULL SUN, GOOD DRAINAGE. USED BY TRADITIONAL HEALERS IN MEDICINAL PRACTICES.

***Please note--January's Field Day has been rescheduled to Jan. 16. We will be going to the Hibiscus brackenridgei EXCLOSURE. Please call Richard 877-4024 or Lisa 878-3564.

Lā'au Hawai'i

TRADITIONAL HAWAIIAN USES OF PLANTS



ISABELLA AIONA ABBOTT

NHPS PROUDLY ANNOUNCES

DR. ISABELLA ABBOTT

Guest Speaker

**Near Shore and Marine Plants
at
'ĀHIHI KĪNA'U MAUI**

February 24, 1993

7 pm

Upcountry Community Center
Pukalani

A Note about the Author

ISABELLA AIONA ABBOTT is the G. P. Wilder Professor of Botany at the University of Hawaii, Manoa, where for many years she has taught the undergraduate course in Hawaiian ethnobotany. Dr. Abbott is a specialist in *limu* (seaweeds and other aquatic plants) and, in the course of her distinguished career, has published several books and many articles on this and other subjects. In addition to her university position, she is an Honorary Research Associate at Bernice Pauahi Bishop Museum and a member of its board of directors. She is also a professor emerita of Biological Sciences at Stanford University.

Book Information Courtesy
of
BISHOP MUSEUM PRESS

REWARDING EXPERIENCE

Help Establish

NATIVE HAWAIIAN PLANTS

at

KANAHA POND WILDLIFE SANCTUARY

Every Monday

Meet at 8:30 AM

Main Gate Parking Lot of Airport Hwy.
Call 871-4891 or 572-9836

The Native Hawaiian Plant Society has the following videos available for borrowing at no charge from

Paia Video
96 KANA HWY. TEL. # 579-9990

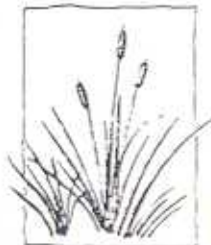
- "The Man Who Planted Trees"
- "Living Jewels, Rare Plants of Hawaii"
- "We All Need the Forest"
- "Hawaii Birds, A Vanishing Treasure"



SHARING
THE JOY OF
NATURE VIDEO
Nature Activities
for All Ages

Shot in the beautiful high country of the Sierra Nevada mountains, this 40-minute video will introduce you to the magic of Joseph Cornell and his insatiable enthusiasm for the beauty and mystery of nature. Viewers can watch and participate in eight of Cornell's favorite nature

games using his very popular "Flow Learning" technique, a method for awakening senses to the joy of nature.



Wetlands

Fabulous Wetlands
VHS, 7 min
A wacky and entertaining video featuring Bill Nye "The Science Guy" talking about the importance of wetlands.

How much do you know
about Hawai'i's
environment?

Paradise Pursuits
Finals Broadcast



Catch This Wave!

Watch Paradise Pursuits, the challenging environmental quiz show for Hawai'i's high school students.

Tuesday, February 2
7-8 p.m.

Sunday, February 7
4-5 p.m.
(re-broadcast)

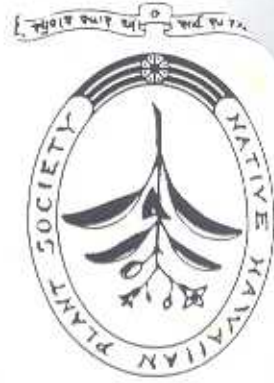
KHON-TV, Channel 2

Paradise Pursuits is sponsored by the National Audubon Society in association with the Hawai'i Audubon Society. Funding is provided by the Hawaiian Electric Company.

SPECIAL UPCOMING EVENT

BOB HOBDY of the DLNR will lead a hike to the RED HILL area above KIHEI on Sat. MARCH 27. Excellent Example of DRY, LOW ELEV. SHRUBLAND.

Call RICHARD (877-4024)
FOR DETAILS.



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NATIVE HAWAIIAN PLANT SOCIETY

P.O. Box 5021
Kahului, Maui, Hawai'i 96732

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Address _____

City _____ State _____ Zip _____

Telephone: (Res.) _____ Bus: _____

Amount enclosed:

Individual Membership \$10.00
Other \$ _____

New Member Renewal Member I Would Like To Volunteer



MAUI NA PUA O KA IMA AIOE

CHANGE OF ADDRESS: PLEASE GIVE US NOTICE. OUR NEW, ECONOMICAL NON-PROFIT MAILING RATE DOES NOT INCLUDE FORWARDING.

MEETING TIME FOR ALL TRIPS WILL BE
 AT 8:00 AM ON THE SECOND SATURDAY
 OF EACH MONTH. PLEASE BE PROMPT.

MEETING PLACES WILL BE AS FOLLOWS:

- AUWAHI: RICE PARK
- BRACKENRIDGE ENCL. MA'ALAEA/KIHEI
- TRIANGLE CARPOOL LOT
- GRESSITT PRESERVE: CAMP PECUSA
- KANAHA POND: PARKING/LOOKOUT AREA
- OFF AIRPORT HIGHWAY
- LA PEROUSE: POLO BEACH

*GRESSITT AND AUWAHI TRIPS WILL BE
 LIMITED BY AVAILABLE 4WD VEHICLES
 PLEASE CALL AHEAD.

WHAT TO BRING? LUNCH, WATER, GLOVES
 PROTECTIVE CLOTHING, SUN SCREEN,
 RAIN GEAR.

FOR MORE INFORMATION, PLEASE CALL
 LISA RAYMOND 878-3564

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Richard Wabagen

- May 9
- May 13
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- June 17
- July 10
- July 16
- July 21-23
- July 29
- Aug 7
- Aug 8
- Aug 14
- Aug 15
- Aug 22

NATIVE HAWAIIAN PLANT SOCIETY
FIELD-DAY SCHEDULE 1993

JANUARY: Hibiscus brackenridgei EXCLOSURE

FEBRUARY: LA PEROUSE EXCLOSURE

MARCH: GRESSITT SANCTUARY

APRIL: AUWAHI EXCLOSURES

MAY: Hibiscus brackenridgei EXCLOSURE

JUNE: GRESSITT SANCTUARY

JULY: LA PEROUSE EXCLOSURE

AUGUST: AUWAHI EXCLOSURES

SEPTEMBER: Hibiscus brackenridgei EXCLOSURE

OCTOBER: GRESSITT SANCTUARY

NOVEMBER: KANAHA POND WILDLIFE SANCTUARY

DECEMBER: AUWAHI EXCLOSURES

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NATIVE HAWAIIAN PLANT SOCIETY

P.O. Box 5021
Kahului, Maui, Hawaii 96732

Date: _____

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City _____ State _____ Zip _____

Telephone: (Res.) _____ Bus. _____

Amount enclosed:

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Other \$ _____

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1992 CHAIRPERSON'S MESSAGE

The year 1992 showed a definite increase in the interest in native plants. There were a number of workshops, activities, articles and in general, more interest from the public. The NHPS also increased and concentrated its efforts to maintain and improve our numerous plant sanctuaries. Our 1992 monthly schedule of maintenance was an improvement.

The Board of Directors has been planning long range goals for every plant sanctuary. This would include more maintenance, plant propagation, record keeping, plantings, etc. Our 1991 survey showed that a lot of people are interested in learning about and saving our native species. However, at times, member participation was not indicative of our survey results. The NHPS (and the native plants) would appreciate more participation in 1993. Perhaps, a brief recap of our plant sanctuaries might help to renew dedications towards helping our native species.

AUWAHI EXCLOSURES--A series of nine exclosures on the southwest slope of Haleakala (3000-4000' elev.) protects many species of a once very diverse and rich area of mesic forest. Future plans include propagation and replanting of many of the rare and not so rare species.

LaPerouse EXCLOSURE--A small exclosure in the middle of a lava flow it is an excellent example of how native plants have adapted to an extremely harsh environment.

Hibiscus brackenridgei EXCLOSURE--Located just south of the Waikapu Golf Course, the target plant is Hibiscus brackenridgei (MAO HAU HELE). The beautiful yellow flowered hibiscus is our state flower but is extremely rare in its natural habitat.

GRESSITT RARE PLANT SANCTUARY--A sixty acre plant sanctuary located above Mahinahina on West Maui. It includes numerous species native to the area and the NHPS has planted and has plans to plant many more rare species.

KANAHA POND WILDLIFE SANCTUARY--In cooperation with the State of Hawaii, NHPS has numerous plant sites within the sanctuary. An excellent example of native coastal plants, the sanctuary is also used by the NHPS for educational field trips as both children and adults benefit.

May 8 Guest speaker Marie Leilehua McManis, owner of "Ea Lei", presented a slide show on using native plants in lei making. Over 200 people attended.

May 9 La Perouse work party

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