DRAFT

HAWAI‘I
Forest Institute

# 2022 ANNUAL REPORT

▲ Farrington High School Key Club students weeding at Honolulu Zoo Children’s Discovery Forest. 3/12/2022

**March 2023**

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▲ Keauhou Bird Conservation Center Discovery Forest.

# Preface

This Annual Report describes the many activities of the Hawai‘i Forest Institute (HFI) in 2022. To learn more about a project or program, click the link on the project heading to its webpage.

It was a productive year as we celebrated our 19th year promoting the health and productivity of Hawai‘i forests through forest restoration, education, information dissemination, and support for scientific research.

In addition to expanding and enhancing existing projects and programs, HFI met with community partners to discuss assisting with two new projects on O‘ahu. The Pālehua Restoration Project is located on Gill ‘Ewa Lands LLC properties at Pālehua, which encompass lands to the south of the Wai‘anae Mountains in the ahupua‘a of Honouliuli within the ‘Ewa District of Leeward O‘ahu. HFI is in discussions with Gill ‘Ewa Lands LLC and Mālama Learning Center (MLC) to bring volunteers to a 2-acres site currently being restored. The other potential project is assisting Forest Solutions, Inc. with the Kawailoa Koa Forestry Project by recruiting and coordinating volunteers and providing outreach and environmental and cultural education. The site is located in the ahupua`a of Lauhulu and Pa`ala`a on O‘ahu’s North Shore.

HFI also made significant progress promoting and growing the MAHALO ‘ĀINA: *Give Back to the Forest* Initiative, which promotes awareness and support for forest restoration and education projects and programs throughout the State.

In 2022, HFI in conjunction with the Hawai‘i Forest Industry Association (HFIA), achieved many accomplishments including:

- Outplanted 3,114 seedlings;
- Managed 276 acres and brought 8.73 additional acres of forest habitat under intensive management;
- Secured contributions for HFIA’s 2022 Hawaii’s Woodshow, *Na La‘au o Hawai‘i*;
- Benefited an estimated 1,220 people through forest stewardship activities and live and virtual classroom and community event presentations;
- Produced the publication “Go Native!: Your guide to growing Native Hawaiian and canoe plants wherever you live, work, or play”; and
- Enhanced our online presence via social media, video tours and presentations, and virtual educational activities.

▲ Ka‘ūpūlehu Dryland Forest outreach team teaches Ehunuikaimalino Elementary School students about the dryland forest. Photo: Keoki A. Carter.

# About the Hawai'i Forest Institute

The Hawai'i Forest Institute (HFI), a 501(c)(3) nonprofit organization, was formed in 2003 by the Hawai'i Forest Industry Association (HFIA). The mission of HFI is to promote the health and productivity of Hawai'i forests through forest restoration, education, information dissemination, and support for scientific research.

HFI held four Board meetings in 2022. HFIA Directors approved the following HFI Directors at the March 2022 Board Meeting: Don Bryan, Travis Idol, J.B. Friday, Nickolas Koch, Wade Lee, Peter D. Simmons, and William Yuen. HFI approved the following slate of Officers: Travis Idol, President; Wade Lee, Vice President; William Yuen, Treasurer; and Peter D. Simmons, Secretary.

## MAHALO ʻĀINA: *Give Back to the Forest* Initiative

HFI continued to raise funds and awareness for its forest restoration and demonstration projects through the MAHALO ʻĀINA: *Give Back to the Forest* Initiative. Funds raised are helping to support propagation, outplanting, and long-term care of the seedlings; site maintenance; educational programs; public and community relations, and project coordination and administration. Che Garcia, Woodsmen Jewelry donated a percentage of their sales and a portion of Oʻo Hawaii and Little Outcrop sales benefited Keauhou Bird Conservation Center Discovery Forest through MAHALO ʻĀINA.

MAHALO ʻĀINA

HFI raised $35,130 in donations this year. A special mahalo to Linda Clifford and Rob Klein for the William J. and Dorothy K. O'Neill Foundation discretionary gift of $3,000.

In addition to raising funds to plant trees, MAHALO ʻĀINA is helping to support total ecosystem management and provide forest stewardship opportunities and environmental and cultural educational programs. MAHALO ʻĀINA benefits the following projects:

Hawaii's Woodshow I+I Student Challenge, Oʻahu
LaʻiʻŌpua Dryland Habitat Preserve, Hawai'i Island
Go Native: Growing a Native Hawaiian Urban Forest, Statewide
Honolulu Zoo Children's Discovery Forest, Oʻahu
Hawaii's Woodshow™, Na Lāʻau o Hawaiʻi, Oʻahu
Go Native: Growing a Native Hawaiian Urban Forest, Statewide
Locally-grown Christmas Tree Demonstration Project, Hawai'i Island
Maui Bird Conservation Center Discovery Forest, Maui (planning phase)
KBCC Discovery Forest, Hawai'i Island
Panaʻewa Zoo Discovery Forest, Hawai'i Island
Kaʻūpūlehu Dryland Forest, Hawai'i Island
Symphony of the Hawai'i Forests, Statewide
Hāloa ʻĀina Reforestation Project, Hawai'i Island

## MAHALO ʻĀINA MESSAGE

We, the Hawai'i Forest Institute and our sister organization the Hawai'i Forest Industry Association give deep appreciation and thanks to our ʻāina. We understand that we are dependent upon the land and its forests; the land is not dependent on us. We are humbled, awed and inspired in the presence of one of the lands' great expressions — its forests. We mahalo the ʻāina and we invite you to mahalo with us by Giving Back to the Forest.

## MAHALO ʻĀINA VISION

Our vision for MAHALO ʻĀINA is to help ensure a thriving future for the Hawai'i Forest Institute's forest restoration and education programs to benefit the ʻāina and people of Hawai'i.

**He aliʻi ka ʻāina: He kauwa ke kanaka**

*The land is chief: Man its servant*

# MAHALO ʻĀINA Donors

**ʻŌhiʻa Māmane Forest: $25,000-$39,999**
Paniolo Tonewoods, LLC/Siglo Tonewoods, LLC

**ʻŌhiʻa ʻIliahi Forest: $10,000-24,999**
Carl & Suzanne Merner/Merner Land Co.
In Memory of Koichi and Taniyo Taniguchi
John Ciambrone (in-kind)
Linda Clifford and Rob Klein
Peter & Heather Simmons
Rob and Cindy Pacheco, Hawaii Forest & Trail

**ʻŌhiʻa Naio Forest: $5,000-$9,999**
Bob and Cindy Taylor
Edmund C. Olson Trust No. 2
Nicholas & Amy Koch, In Memory of Oliver Koch
Skyline Eco-Adventures-Akaka Falls
Tusher Architectural Group
William J. and Dorothy K. O'Neill Foundation

**ʻŌhiʻa Koa Forest: $2,500-$4,999**
Bob Kennedy (Hawai'i Bird Conservation Marathon)
James B. & Kathleen S. Friday
Komo Koa-Che Garcia
Laurie Ho
Margaret Schmidt, Microsoft Employee
Mike & Phyllis Robinson, In Honor of Those Who Care
Stephen L. McMinn
Stephen E. Smith
Tom and Vi Zapara
William Yuen
Woodsman Jewelry

**ʻŌhiʻa Hāpuʻu Forest: $1,000-$2,499**
Anonymous (2)
Aileen Yeh, In Memory of Leslie Wung
Former HFIA Board Member
Hāloa ʻĀina Royal Hawaiian Sandalwood
Jay Warner, Awapuhi Farms & Mill
Kathleen Heitz Myers
Kim Regan & Daniel Hoth, In Appreciation of Rob & Cindy Pacheco
Mark Matsuo
Thomas Calhoun
Travis & Courtney Idol
William J. Houston, Alameda Land Company Inc.

**ʻŌhiʻa Lama Forest: $500 to $999**
Alan Ryan
David Deluz, Jr., Big Island Toyota
David Palmer, Café Pesto
Don and Jana Bryan
Frank Morgan
www.ilustore.com
In Honor of Tracy Holmes
John Britton, MD
J.P. Casselli
Julie Smolinski
Lloyd Jones
Kohanaiki Club, Inc.
Marilyn Gagen: In honor of Peter & Heather Simmons
Penny Souder: In honor of Tom Calhoun
Peter T. Young
Ross Wilson, Jr.
Sally Rice, Agro Resources, Inc.
Saiva Siddhanta Church
White Mountain Health, LLC

**ʻŌhiʻa Maile Forest: $100 to $499**
Alan & Ana Gamble
Bob Kennedy & Anne Broussard
Brandon Najarian
Alyssa Burt, on behalf of Holly Harding, O'o Hawai'i
Anonymous (2)
Andrea Gill
Andrew G. Derugin
Andrew and Catharine Seeto, In Memory of Douglas Bowen
Ann and Dan Burns
Barbara Vonnegut
Bob Masuda
Claudia nd John Hirasuna, In Memory of Douglas Bowen
Clement Chen Ming
Clifford Bowen
Chip Hartman
Christine Piper
Christopher Diani
Christy Martin
Cindy Beth Davis-Dykema
Constance Davis
Cortney S. Midla
Cynthia Newsome
Danica Sills
David Longacre
Diane Ware
Diedra De Coito
Dogen Hosokawa
Edwin Ikeda
Gordon Jay
Heather Kihara
Helen Walker
Holly Harding, O'O Hawaii
James Warner
John Bigelow
John de Haan
John McCann
Jorma Winkler
Julie Murphy
Kauai's Hindu Monastery
Kevin Carl
Lance (Kip) Dunbar
Lehua Alapai
Leslie Resnick
Little Outcrop
Marian Yasuda
Margaret Schmidt, Microsoft Employee
Marilyn and Ronald Lee, In Memory of Douglas Bowen
Mayuran Sokkan
Michael Donoho
Michael Sowards
Michael Weitzenhoff
Nathan Richards
Paul Arinaga, In Memory of Clifford I. Arinaga
Paul Conry
Peter Honigmann, In Memory of LaVerne C McKanna
Richard Cunningham
R. W. Rollo Scheurenbrand

**‘Ōhi‘a Maile Forest: $100 to $499 (Continued)**
Robert Woodward
Ron Wolfe
Rosemary Adam-Terem
Roy Lambrecht Woodworking, Inc.
Scott O’Neal
Scheurenbrand Guitars
Sharon Billingsley
Sharon Hurd
Shaun Fleming
Shawn Collins
Shirley Wagner
Susan Vaquilar, In memory of Douglas Bowen
Takahiro and Junko Yoshino
Suzanne Sophocles
The H Lyfe Method
Thomas A. Loudat
Thomas Pasquale
Walter Kimo Dehmer
William Dalton
Woodcraft by Roy Tsumoto

**‘Ōhi‘a Mala Forest: Up to $99**
Allyson Nakamoto
Andy Cole
Anne Hellkamp
Benjamin Konshak
Brandi Pagala, Macy’s employee
Burma Barns
Christine Kelly, In honor of Danielle Kelly
Christopher Diani
Christy Martin
Cullen Pagaduan
Dagan Bernstein
David Louie
Danica Sills
Daniel Leigh
Danielle Himmelsbach, At&T employee
Darin Eastburn
Dennis Wong
Edward Downey
Elizabeth Flint
Glenn Skankey
Gordon Harwood
Henry Biscardi
Herb Kaneko
Hugh McKenzie
In honor of Marla Dorreland Gary Craven
Jack Strada
Jane Flood
Jason Louie
Jeanne Lau
Jeff O’Connell
Jennifer Toth, In honor of the remarkable life of Leilani O’Day
Joel Bright
Joel Lange
John Frackrell
Johanna Nurmi
Karen Luke
Johanna Nurmi
Kevin Cobarrubia
Larry Levine
Laurie Lee
Leslie Wolfson
Magalie Ross
Martha Fernandes, In Memory of Jeanie Stark
Marla O’Connell
Mats Fogelvik
Michael Buck
Michael Gibson
Michael Parker
Michelle Suber
Orlo Steele
Penelope Greenler
Phuoc Dinh
Randy Steinbruegge
Raymond and Shirley Lum, In Memory of Douglas Bowen
Raymond Salley
Razelle Perkins
Richard Dalton
Richard Sylva
Robert Duffer
Robert Hahn
Robert Kurosu
Satomi Fujimura
Shawn Collins
Susie Davis
Taylor Boos
Tom England
Tommy Higashino
Wieteke Holthuijzen
Will and Judy Hancock
Willie and Jane Quayle

▲ Student plants seedling at Ka‘ūpūlehu Dryland Forest. 2022

▲ Wiliwilli (Erythrina sandwicensis) seedling at Ka‘ūpūlehu.

# Projects and Programs

## Locally-grown Christmas Tree Demonstration Project

HFI imitated Phase 3 of HFI and the Hawai'i Forest Industry Association's locally-grown Christmas tree efforts, titled "Hawai'i Papahana Lā'au Kalikimaka, Locally-grown potted Christmas Trees". Phase 3 includes working with Kealakekua Forest Nursey, Forest Solutions, Inc. and Aileen's Yeh's Nursery to grow five different species; three species previously shown to grew well and make desirable Christmas trees (Italian Stone Pine, Norfolk Island Pine, and Western Red Cedar) and two native species ('A'ali'i and 'Alahe'e). The goal is to expand a fledgling local Christmas tree industry, in order to lead to reduced imported container stock, alien species introductions, and workload of State agricultural inspectors. Providing the Hawaiian Islands with locally grown Christmas trees supports import replacement and promotes the State's "Buying Local, It Matters" message

Phase 2, "Production & Evaluation of Mid-to-Low Elevation Locally-grown Trees" was completed in 2019. In this phase, Aileen Yeh demonstrated that conifer species can be grown at mid-to-low elevations and identified the species and cultivars that produced acceptable Christmas trees – in pots and in the ground. Outplanting at different elevations was done with collaborators. The species that were selected as the trees they thought grew well and would make the most desirable Christmas trees were: American Arborvitae, Western Red Cedar, Southern Red Cedar, Snowbush, Incense Cedar, Norfolk Pine, and Italian Stone Pine.

Phase 1, the 'Āina Mauna Christmas Tree Demonstration Project was initiated in 2014 by importing and propagating seed and outplanting conifer seedlings on Department of Hawaiian Home Lands (DHHL) land in Humu'ula/Pi'ihonua on Hawai'i Island. Due to limited access to the planting site, Phase 2 was initated.

Project funders include Hawai'i Department of Agriculture (HDOA), US Department of Agriculture, and County of Hawai'i Department of Research and Development. Other contributors are College of Tropical Agriculture and Human Resources, Coordinating Group on Alien Pest Species, DLNR Division of Forestry & Wildlife, Kulani Correctional Facility, Hawaii Invasive Species Council and USDA Forest Service.

▲ 'Alahe'e

▲ Norfolk Island Pine

▲ Western Red Cedar '

▲ Italian Stone Pine

## Keauhou Bird Conservation Center Discovery Forest

HFI continued working with Keauhou Bird Conservation Center (KBCC) to create the KBCC Discovery Forest, which is providing forest stewardship opportunities and habitat and food for native birds. Using captive propagation and release techniques, KBCC is reestablishing self-sustaining populations of critically endangered birds in the wild ('Alalā, Palila, 'Akeke'e, and 'Akikiki).

An additional 1.25 acres were cleared this year; bringing 20.5 acres under intensive management. The forest management plan calls for clearing an additional 1-4 acres per year. This year 143 volunteers were engaged in outplanting 1,200 native seedlings, which benefit the Hawaiian birds in captivity and in the wild. Outplanted species include Acacia koa, Māmane, Maile, ʻŌhiʻa, Paʻiniu, ʻŌhelo, Kawaʻu, Kōlea , Olapa, ʻOhāwai, ʻUki'uki, Popolo ku mai, and Pilo.

## Honolulu Zoo Children's Discovery Forest

HFI is working with community partners to maintain and enhance the Honolulu Zoo Children's Discovery Forest. The Discovery Forest is a representation of natural systems, creating a scene of Hawaiʻi before the arrival of humans. The project is demonstrating culturally significant plant and tree species that once grew near traditional shoreline villages of Oʻahu. This replication of coastal ecosystems is helping to provide habitat for Hawaiian plants, birds, and invertebrates. The exhibit demonstrates the significance of place, and the kuleana of mālama ʻāina by integrating traditional Hawaiian forest ecosystems, forest stewardship opportunities, and innovative land-based education.

The infrastructure of the Upland Hawaiian Forest Zone was completed in 2015 and volunteers continue to enhance and maintain this Zone. Volunteer Coordinator Linda Duling continues to coordinate monthly volunteer events as well as forest stewardship learning activities for local students.

This year, 173 volunteers participated in stewardship events to plant seedlings, pull weeds, prune vines, and harvest kalo. The pruned green leafy sweet potato vines and sweet potatoes were donated to the animals at the zoo. The Discovery Forest includes "Upland Hawaiian Forest" and "Birds of the Montane Native Forest" interpretive signs, which were funded by the Hawai'i Tourism Authority (HTA) and Friends of Hawaii Charities.

This year, HFI partnered with Mālama Learning Center to develop Symphony of the Hawaiʻi Forests educational materials for teachers and students to enhance their understanding about Hawaiian trees in the Discovery Forest. In addition, 20 8.5"x5.5" postcards were produced to hand out to volunteers, which feature native and Polynesian-introduced plants, native forest birds and other forest fauna.

In 2021, HFI produced a Docent Workbook Interpretive Guide and Forest Friends Coloring Book as well as Honolulu Zoo Children's Discovery Forest Plant ID, Upland Native Birds, and Other Forest Fauna webpages.

This years funding was received from Hawai'i Tourism Authority Aloha ʻĀina Program.

▲ Laupahoehoe Charter School students plant seedlings at KBCC Discovery Forest 5-24-2022 and the ʻAlalā, the Hawaiian crow.

▲ Keiser Key Club students plants seedling at the Honolulu Zoo Discovery Forest. 4-23-2022.

## Pālamanui Dry Forest Preserve

HFI has been working with Pālamanui Global Holdings to optimize forest health of the 84-acre Pālamanui Dry Forest Preserve in North Kona since 2014. The property was sold this year; therefore HFI's restoration work ended in March 2022..

▲ Jill Wagner collects seed at Pālamanui Dry Forest Preserve.

## Symphony of the Hawai'i Forests

HFI has joined partners in a unique project, "Symphony of the Hawai'i Forests", which will be a performing arts project that will foster the breadth of Hawaii's artistic genres, media, and practitioners, while maximizing public access and exposure to a quality arts experience.

The project is a collaboration among three University of Hawai'i at Mānoa colleges – Arts, Languages, & Letters, Tropical Agriculture and Human Resources (CTAHR), and Education , as well as five community partners – Hawai'i Symphony Orchestra, DLNR Division of Forestry & Wildlife, Hālau 'Ō'hia, the Hawai'i Forest Institute (HFI), and the Mālama Learning Center.

The Symphony project includes creating music compositions and artistic presentations devoted to the forests of Hawai'i and teaching K-12 students and statewide residents about the importance of planting and caring for trees. These two strands will culminate in an integrated educational performance by the Hawai'i Symphony Orchestra consisting of original music compositions, artwork and animations, and hula. The program will be recorded for wider dissemination throughout the state. To ensure that the project results in lasting change, teachers of various disciplines will be able to include lessons about forests in their subjects. To bridge the gap between awareness and action, the project will show participants specific actions they can take such as educating others, volunteering at conservation projects, taking care of trees in their own communities, advocating, and altering their consumer choices.

The Symphony of the Hawai'i Forests is being modeled after Symphony of the Hawaiian Birds, a collaboration of University of Hawai'i and Hawai'i Symphony Orchestra.

The animations, music compositions and teacher training resources are in final stages of completion and it is anticipated the concert will be held in April 2023. Learn more at Symphony of the Hawai'i Forests; Draft Animations; and Teacher Resources.

## Pan'aewa Zoo Discovery Forest

HFIA and HFI, along with community partners, continued to maintain and enhance the Pana'ewa Zoo Discovery Forest. The project features native, cultural, and medicinal plants that once grew in the traditional farms and native forests of East Hawai'i.

Although the number of volunteers was limited due to COVID-19, Project Coordinator Mika Gallardo continued to maintain the site. She engaged 14 volunteers including HFIA members, community volunteers and Hawaii Academy Art & Science and Ross School (New York) students in planting and weeding. Hawai'i Tourism Authority through the Hawai'i Community Foundation funded the project this year.

▲ Ross School (New York) volunteers weeding at Pana'ewa Zoo Discovery Forest.

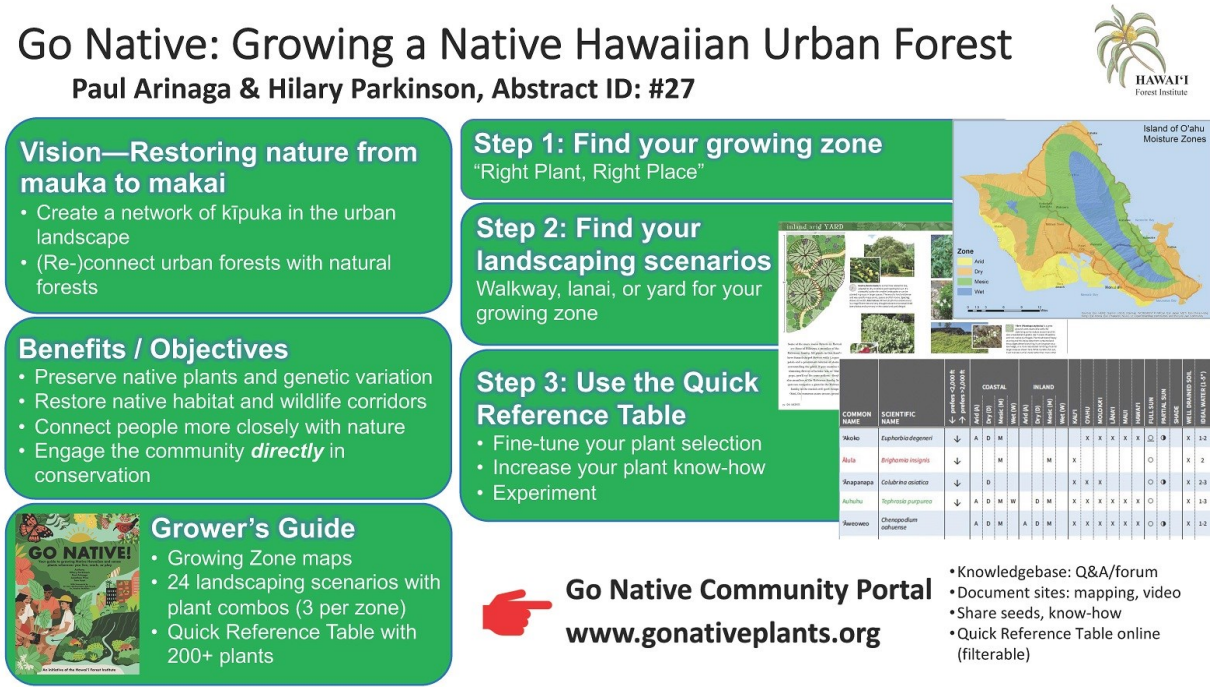
## Go Native: Growing a Native Hawaiian Urban Forest

The Go Native: Growing a Native Hawaiian Urban Forest project includes creating a video series, reference guide, and online interactive community portal encouraging Hawaii's residents and businesses to grow Native Hawaiian and Polynesian-introduced plants.

In August 2022, HFI produced the publication "Go Native!: Your guide to growing Native Hawaiian and canoe plants wherever you live, work, or play". The guide includes a reference table of over 200 native plants, growing zone maps, and 24 landscape scenarios with recommended native and Polynesian-introduced plants. The guide is authored by Hilary Parkinson, Project Manager Paul Arinaga, Jonathan Price, and Tom Foye and can be purchased on Amazon.com. HFIA Membership Committee is helping to promote Go Native and sell the Guide at membership outreach events and through local book stores.

Paul Arinaga and Hilary Parkinson presented a poster at the 2022 Hawaii Conservation Conference. Link to the video that accompanies the poster: https://youtu.be/rc8VpRxIf-k. Links to other educational resources Go Native Flyer, Go Native Leaflet, Go Native Plant and Other Forest Fauna Postcards, Go Native Poster Panels.

The project is funded by Kaulunani Urban and Community Forestry Program of the DLNR Division of Forestry and Wildlife, and State and Private Forestry branch of the USDA Forest Service, Region 5; Atherton Family Foundation; Steve and Gloria Gainsley Fund of the Hawai'i Community Foundation, Kosasa Foundation, and HEI Charitable Foundation.




▲ "Go Native: Growing a Native Hawaiian Urban Forest" Hawaii Conservation Conference poster.

## Hāloa ʻĀina Reforestation Project

Hāloa ʻĀina is a native Hawaiian forestry and education organization committed to economic prosperity and environmental responsibility being guided by cultural values for a more sustainable Hawaiʻi. Hāloa ʻĀina is one of three sites that benefited from HFI's 2022 American Forests grant. The grant funded the outplanting of 5,000 seedlings on Hawaiʻi Island at Hāloa ʻĀina, Keauhou Bird Conservation Center Discovery Forest and Kaʻūpūlehu Dryland Forest Preserve.

## Hoʻola Ka Makanaʻā o Kaʻūpūlehu

HFIA has managed Kamehameha Schools' Kaʻūpūlehu Dryland Forest since 1993. In addition to the 70-acre site makai of Highway 30 in North Kona, HFIA assists the National Tropical Botanical Gardens care for a 6-acre forest located mauka of the highway. This year, 2.48 additional acres were cleared and 904 native seedlings were outplanted and an additional 400 seedling grew from seed scattering. To date 59.43 acres have been brought under intensive management and 24,011 seedlings have been outplanted since 2000. Despite the COVID-19 pandemic, approximately 715 people benefited from onsite forest stewardship events and offsite and virtual classroom and community event presentations.

▲ Students plant seedlings at Kaʻūpūlehu Dryland Forest. Photo: 2022 Keoki A Carter

Located along the makai portion of Kaʻūpūlehu Ahupuaʻa, the Kalaemanō Cultural Center at the Kukio Resort is at the site of the traditional salt ponds of Kalaemanō. "Stories of place" come alive through audio story stations. The Cultural Ecology Team engages students in stewardship learning activities at both mauka and makai Kaʻūpūlehu, teaching them about the mauka-makai connections.

The Hoʻola Ka Makanaʻā o Kaʻūpūlehu program is comprised of four strands, three outreach educational strands and one restoration strand. Each strand, while unique, provides curriculum that teaches the ecology of native ecosystems and integrates ideas of culture, mālama, kuleana, and creative thinking. Learning opportunities are offered in multiple ways—solo, as a team, on-site, off-site, and online—depending on what is most appropriate to the circumstances and participants.

▲ Kaʻūpūlehu staff and volunteer plant seedlings. Dec. 2022.

In addition to Kamehameha Schools funds, funds this year were awarded from the Kaʻūpūlehu Foundation, American Forests, and National Tropical Botanical Gardens.

## Kaʻūpūlehu Cultural Ecology Team

Dryland Site Manager Wilds Pihanui Brawner; Restoration Technician Kekaulike Tomich; Education & Cultural Outreach Coordinator Yvonne Yarber Carter; Cultural Educator Keoki Apokolani Carter; Cultural Educator Kuʻulei Keakealani, and Cultural Outreach Assistant Lehua Alapai.

The Kaʻūpūlehu Team has continued to expand the outreach program with Keoki Carter's Hoʻohele Mea Lāʻau Traveling School. Kuʻulei continues to perpetuate homeland knowledge and connection to mauka-makai Kekaha and Hualālai lands through place-based story telling, oral traditions, ancestral knowledge, and literacy.

▲ Germinated Māmane at Kaʻūpūlehu on-site nursery. Photo: 2022 Wilds Pihanui Brawner.

## Website

HFI's website provides a wealth of information about HFI, its community partners, and projects statewide. Through the website, HFI has communicated its message of promoting awareness of the intrinsic value of Hawaii's forests to the local and global community. Visitors can explore the diversity of Hawaii's forests and learn about their history, cultural and environmental services they provide, as well as the challenges they face.

# Financial Report

## Balance Sheet As of December 31, 2022

| | |
|---|---|
| **ASSETS** | |
| **Current Assets** | |
| Checking/Savings | |
| CU Hawaii Savings | 409.42 |
| CU Hawaii Checking | 128,780.77 |
| Bank of Hawaii | 941.66 |
| Total Checking/Savings | 130,131.85 |
| Accounts Receivable | 2,997.57 |
| **Total Current Assets** | 133,129.42 |
| **TOTAL ASSETS** | **133,129.42** |
| **LIABILITIES & EQUITY** | |
| **Liabilities** | |
| Accounts Payable | 800.00 |
| **Equity** | |
| Opening Bal Equity | 2,152.02 |
| Fund Balances | 138,107.26 |
| Net Income | -7,929.86 |
| **Total Equity** | **132,329.42** |
| **TOTAL LIABILITIES & EQUITY** | **133,129.42** |

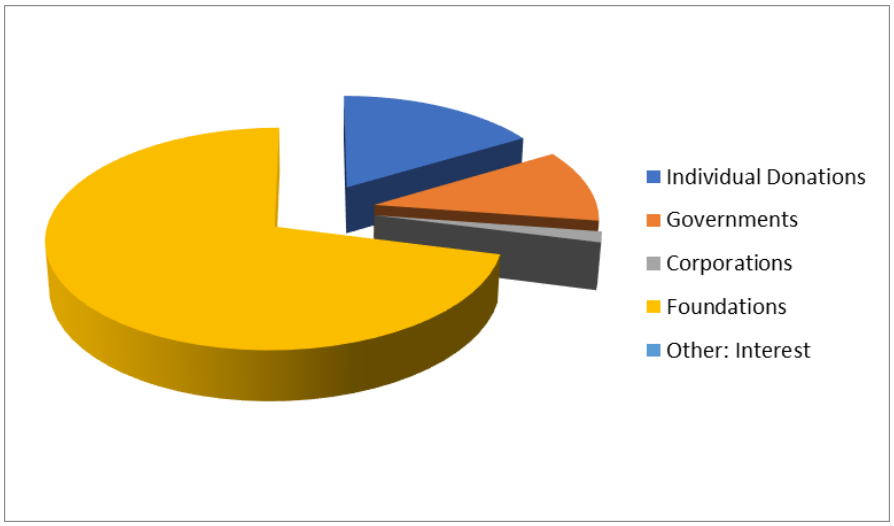
▲ Honolulu Zoo Children's Discovery Forest volunteers.

## Profit and Loss January through December 2022

| | |
|---|---|
| **INCOME** | |
| **Individual Donations/Sales** | |
| Mahalo Aina Initiative | 35,129.94 |
| **Total Individual Donations** | **35,129.94** |
| **Grants/Contracts** | |
| **Foundations** | |
| Kaupulehu Foundation: Dryland | 50,000.00 |
| American Forests: HI Island Tree Planting | 32,500.00 |
| O'neill Foundation | 3,000.00 |
| HCF-Hawaii Life Charitable Fund | 10,000.00 |
| HCF-HTA Mahalo Aina Discovery Forests | 40,000.00 |
| Kosasa Foundation: Go Native | 15,000.00 |
| Ron & Myra Kent Fund: Woodshow | 1,205.00 |
| **Total Foundations** | **151,705.00** |
| **Governments** | |
| SFCA: Symphony of the Hawaii Forests | 15,000.00 |
| DOFAW: Go Native | 4,810.20 |
| Hawaii Tourism Authority: Woodshow | 3,500.00 |
| **Total Governments** | **23,310.20** |
| **Corporations** | |
| Palamanui Global: Palamanui Dry Forest | 3,400.00 |
| **Total Grants/Contracts** | **178,415.20** |
| **Other Income** | |
| Interest | 0.18 |
| | **213,545.32** |
| **TOTAL INCOME** | |
| **EXPENSES** | |
| **Project Expenses** | |
| Dryland: Kaupulehu, Palamanui | 62,502.16 |
| Honolulu Zoo Children's Discovery Forest | 9,280.00 |
| Panaewa Zoo Discovery Forest | 6,185.79 |
| KBCC Discovery Forest | 11,600.31 |
| Hawaii's Woodshow | 14,536.21 |
| Symphony of the Hawaii Forests | 13,065.00 |
| Go Native | 23,975.03 |
| Website/PR | 2,483.18 |
| **Total Project Expense** | **143,627.68** |
| **Administrative Supplies & Services** | |
| HFIA-Grant and Project Administration | 29,000.00 |
| Fund Development Coordinator/Project Manager | 32,510.26 |
| Fundraising: Software/Fees/Supplies | 9,256.37 |
| Tax Return | 3,193.71 |
| Insurance | 3,887.16 |
| **Total Administrative Supplies & Services** | **77,847.50** |
| **TOTAL EXPENSES** | **221,478.18** |
| **NET INCOME** | **(7,929.86)** |

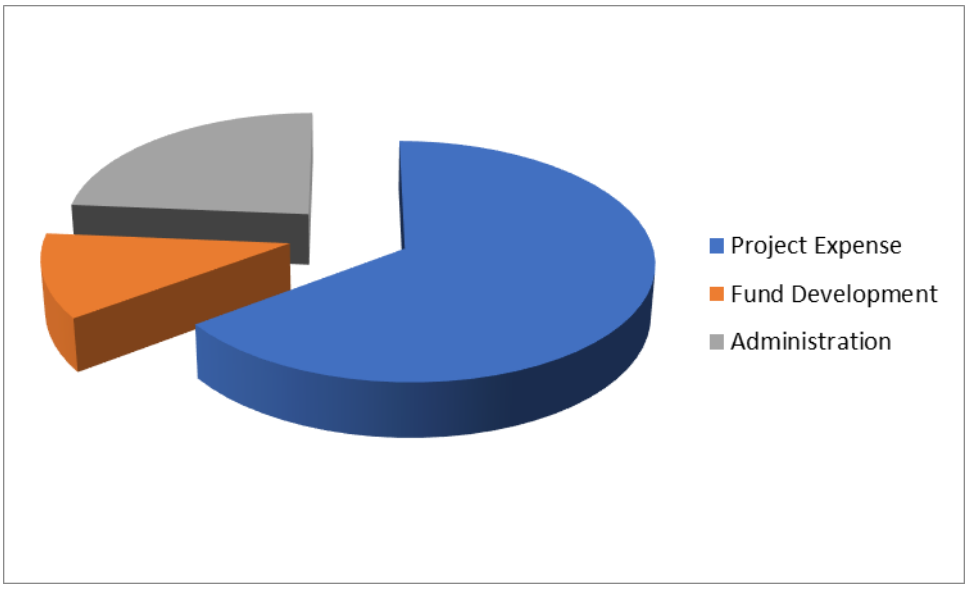
# 2022 Revenues and Expenditures

## Revenues




| Category | Amount | Percentage |
|---|---|---|
| Individual Donations | $ 35,129.94 | 16.5% |
| Governments | $ 23,310.20 | 10.9% |
| Corporations | $ 3,400.00 | 1.6% |
| Foundations | $ 151,705.00 | 71.0% |
| Other: Interest | $ 0.18 | 0.000% |
| **Total** | **$ 213,545.32** | **100.0%** |

## Expenses




| Category | Amount | Percentage |
|---|---|---|
| Project Expense | $ 143,627.68 | 64.85% |
| Fund Development | $ 25,481.72 | 11.51% |
| Administration | $ 52,365.78 | 23.64% |
| **Total** | **$ 221,475.18** | **100.00%** |

# Mahalo to our Partners and Contributors

A&B Foundation
Agro Resources Inc.
American Forests
Amy Greenwell Garden
Arthur Lawrence Mullaly Fund
Atherton Family Foundation
Bello's Millwork, Inc.—Eric and Mary Bello
Clear Image-Yvonne Yarber Carter
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DLNR Division of Forestry & Wildlife
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Gill ʻEwa Lands LLC
Hawaiʻi Agriculture Research Center
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Hawaiʻi Conservation Alliance Foundation
Hawaiʻi Conservation Conference
Hawaiʻi County Department of Research & Development
Hawaiʻi Forest Industry Association
Hawaiʻi Life Charitable Foundation
Hawaiʻi State Foundation on Culture & the Arts
Hawaiʻi Symphony Orchestra
Hawaii Life Charitable Fund at the Hawaiʻi Community Foundation
Hawaiʻi Tourism Authority
Healy Foundation
Hokuliʻa Community Fund
International Union for the Conservation of Nature
Kalaemanō Cultural Center
Ka ʻAhahui o ka Nāhelehele
Kaʻūpūlehu Foundation
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Kohala Center
Komo Koa - Ché Garcia
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Kukio Resort
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Linda Clifford
Little Outcrop
Mālama Learning Center
Mālama O Puna
Oʻahu Visitors Bureau
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State of Hawaiʻi Department of Agriculture
Steve & Gloria Gainsley Fund at the Hawai'i Community Foundation
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US Fish and Wildlife Service
US Forest Service
Waiahole Botanicals
Waiahole Nursery & Garden Center
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