

## MoMISC Meeting Notes

Date: May 13, 2013  
Time: 10:00-12:00 pm  
Place: TNC Molokai Office  
Recorder: Ed Misaki

### I. Call to Order – Chair Wailana Moses

- Introductions
- Nominations for FY14 Chair-It was decided that Wai will continue and if Chevy does not move than she has agreed to be Chair.
  - Chevy declined due to potential move
  - Lori move to re-nominate Wai and Lance 2<sup>nd</sup>.
  - Bill nominate Kali

### II. Molokai Updates

- Target species Update (Kamalani):
  - Coqui and little fire ants monthly nursery surveys on fruit tree imports from the Big Island completed-no detections. We should encourage people to purchase from nurseries that have MoMISC regularly inspect, instead of directly from the Big Island.
  - Inspected MCC Molokai Ag Park site for the time March 13.
  - The MoMISC surveys may help Lori pursue a part time ag inspector. Last ag inspector was Guy Nagai in the early 1990's.
  - Puu Kolekole NZ flax-36 juveniles, 16 seedlings
  - Bo Tree-revisiting control sites. Main site still haven't come to resolution. Will look into doing a follow up letter. May also consider appealing to landowner family members.
  - Arundo no detections
  - Tree daisy, Kauluwai 2 juveniles and 29 seedlings
  - Cynthia King and Naio Thrip surveys completed
  - Fireweed –found 1 in corral, Maunaloa. May have been cattle from Big Island. Paul brought up the idea of Cattle Coop to rotate on Island cattle for forage.
  - Banana Bunchy top still occurring in Kualapu'u and Hoolehua.
  - Palm grass and Mules foot fern survey and removal with DOFAW.
- DOFAW Forest Surveys-
  - Wai - surveying the waterways in the Upper Kalamaula areas is next.
  - Lance – will be looking into dedicating more days to this effort.
- ED/RR plans for apple snail, naio thrip and fireweed-MoMISC Committee will have to be part of the approval for all the ED/RR plans.
  - Reports have come out of Wailau for presence of apple snail (*paniculata*). Lance will talk to a part-time wailau resident from Kauai about the report. Lori will be developing a response plan. Taro Task Force, Penny Levin and MoMISC will collaborate on the plan. Need a protocol for part-time or seasonal residents.
  - Naio Thrip ED/RR plan-C. King will help Lori.
  - Fireweed-Paul and Chuck Chimera will help Lori. Lori will also develop id cards/educational materials, so ranch field workers can effectively id.

### III. Maui Nui/Statewide Updates

- Legislative Briefing (no \$\$\$ dedicated directly for ISC)
  - \$7,195,000 approved for NAR fund (CIP) fy14 & 15.
  - \$3,400,000 approved DOFAW watershed special fund Budget
  - \$5,000,000 bond revenue for Watershed CIP.
  - \$3,500,000 General funds for Watershed initiative.
  - \$750,000 for HISC
  - MoMISC will be funded, but open MoMISC field tech position may be lost.

### IV. Old Business

- Kaunakakai Bo Tree Contract-**Problematic. Contractor was paid in full, but he has not finished. Contractor has said he will be done by June.**
- Long Thorn Kiawe Removal-**Plan to do follow up this summer.**
- DOFAW (Lance) is looking to develop Sanitary Protocols for Nursery/Outplanting projects.

### IV. New Business, Committee Members Concerns or Other Activities:

- Mouflon report on Molokai-**No new reports**
- Hay bales being transported interisland- **May want to do outreach on fire weed monitoring and response for ranchers importing bales.**
- Vetiver grass-**Species in Hawaii does not seed successfully. It is currently low on the Weed risks assessment. Monitor use.**
- Peacock-Lori is concerned about it establishing on Molokai.

### V. Other

- Puu O Hoku Ranch will be doing high resolution aerial photography with possible application for invasive detection application.
- Bill will be going into Wailau and can help with Wailau apple snail survey
- Lance wants to thank Wai for Forest Weed Effort.

### VI. Next Meeting Date: August 19, 2013, 10 am – Noon, TNC Conference Room.

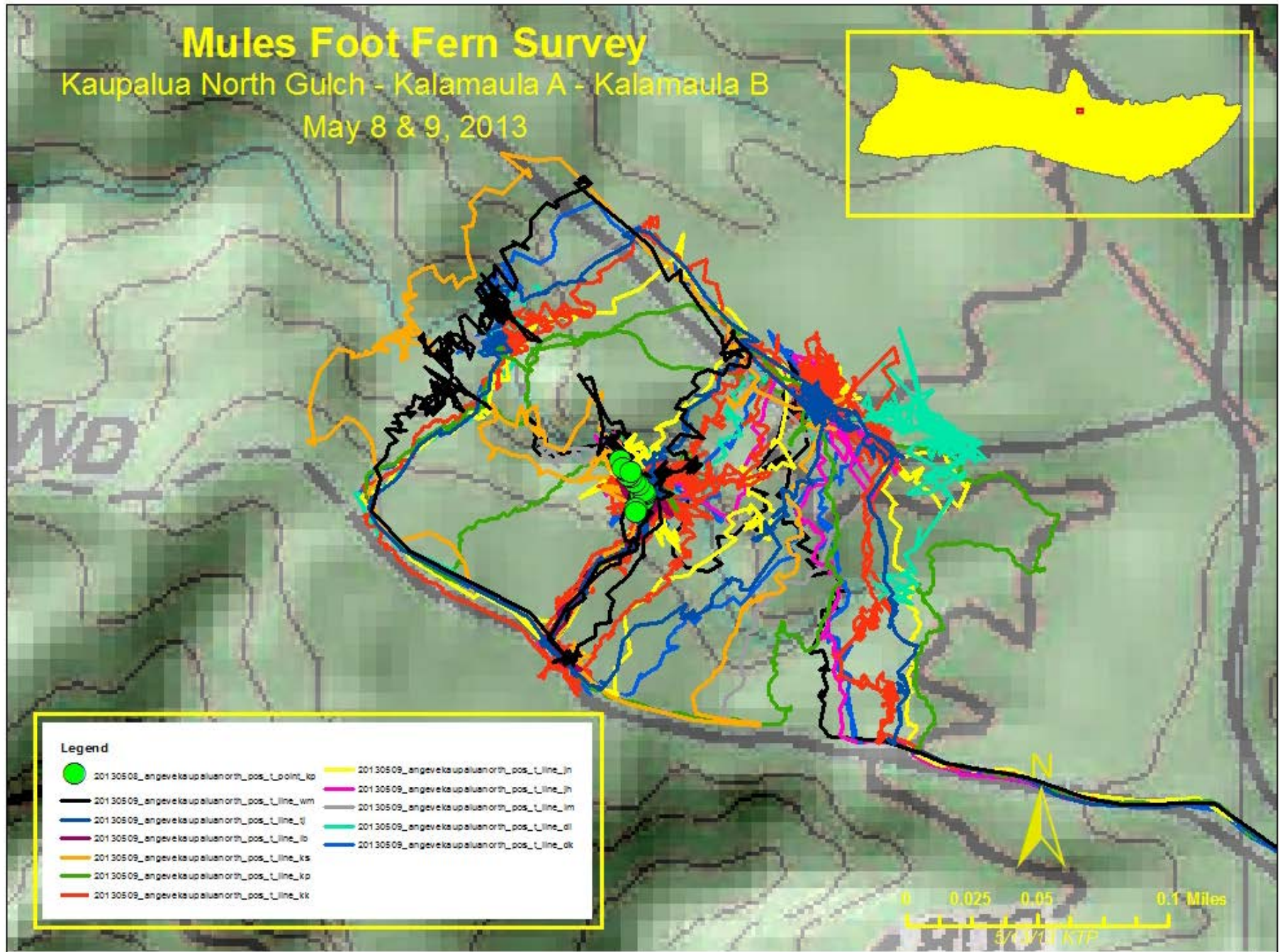
**May 13, 2013 Attendance:** MoMISC-Lori Buchanan, Kamalani Pali; USDA PHSS Molokai Office-Chevalier Levasa; Plant Material Center-Kawika Duvauchelle; DoFAW- Lance DeSilva; KNHPS-Paul Hosten; Wiliwili Hawaiian Plants-Bill Garnett; Molokai Land Trust-Butch Haase; Maui County--Ella Alcon; East Slope-Steph Dunbar-Co; TNC-Wailana Moses, Ed Misaki

**Past Attendees:** MoMISC-Lori Buchanan, Kamalani Pali, Justin Avelino; MISC-Teya Penniman; DOAR-Bill Puleloa, Cecile Walsh; USDA PHSS Molokai Office-Chevalier Levasa; Plant Material Center--Bob Joy, Glenn Sakamoto; NRCS--Wallace Jennings, Jessica Ludgate, Mike Brady, Mila Apisa (Samoa); Mycogen Biologist--Donald Maum; Monsanto--Ray Foster; DoFAW--Glenn Shishido, John Neizman, Rob Hauff; DLNR--Mindy Wilkinson; CGAPS--Christy Martin; USFWS--Karl Buermeyer, Jeff Herod; NPS-Guy Hughes (KALA), Steven Anderson (HALE) Jesse Rogers, Tavita Togia (Ecologist, Samoa); HDOA--Bob Yonahara (Maui), Danielle Downey/Jackie Robson (Bee Mite/Small Hive Beetle); UH Extension Service--Kali Arce, Alton Arakakai, Jennifer Hawkins; MLSWCD-Debbie Kelly, Charity Dudoit; Maui County--Ella Alcon (County Council Liaison), Kuhea Paracuelles; Contract Hunting--Joey Joao; DOT--Carl Brito (Molokai Airports); QLCC--Kathy Davis-; Puu O Hoku Ranch-Fred Richardson, Kathy Coelho, Kristian Coelho; Molokai Land Trust-Butch Haase, Clayton English; Wiliwili Hawaiian Plants-Bill Garnett; Molokai Times-Carolyn Girard, Dayanti Karunaratne, Catherine Cluett; MoPEP-Ane Bakutis; East Slope-Steph Dunbar-Co; TNC-Ed Misaki, Russell Kallstrom, Wailana Moses

# Mules Foot Fern Survey

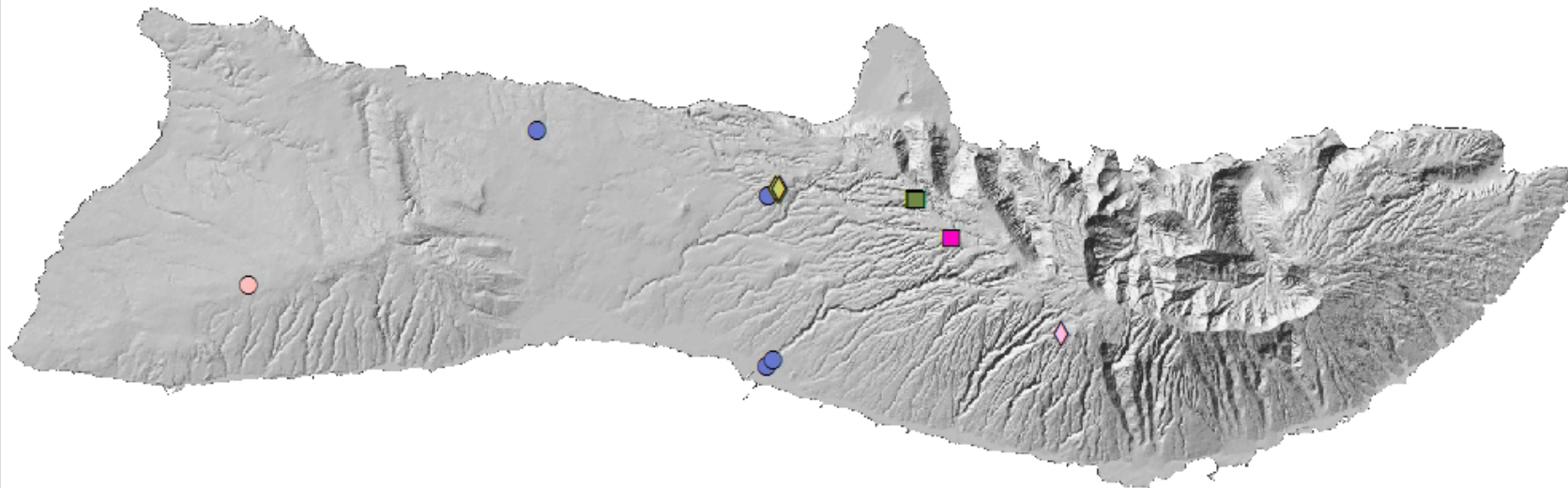
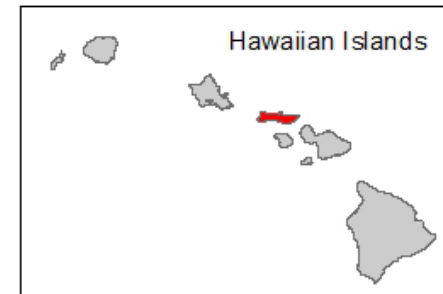
Kaupalua North Gulch - Kalamaula A - Kalamaula B

May 8 & 9, 2013



# MoMISC Species Treatment Activity

February 11, 2013 - May 13, 2013



## Legend

- |                   |                    |
|-------------------|--------------------|
| ● Bo tree         | ◇ New Zealand flax |
| ○ Fireweed        | ■ Palm grass       |
| ■ Mules foot fern | ◇ Tree daisy       |

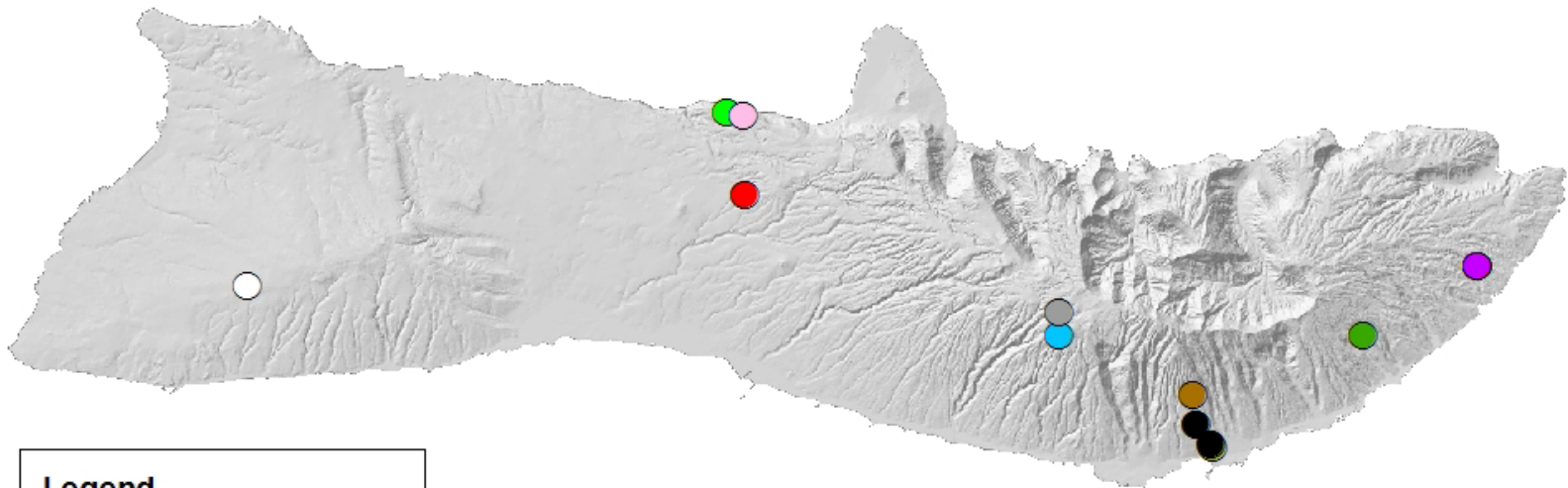
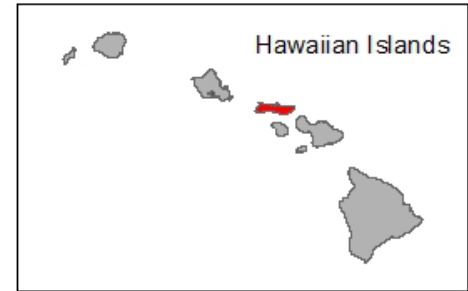


0 1.75 3.5 7 Miles

Molokai Invasive Species Committee  
Projection: NAD83 UTM Zone 4N meters  
05/13/2013 KTP MoMISC\_MTG.mxd

# Molokai Fireweed Populations

January 25, 2010 - May 13, 2013



## Legend

● 1/25/2010	● 9/19/2011
● 5/10/2010	● 4/7/2012
● 5/12/2010	● 4/11/2012
● 5/14/2010	● 6/18/2012
● 9/2/2010	● 9/8/2012
● 2/15/2011	○ 4/2/2013
● 5/23/2011	



0 1.75 3.5 7 Miles

Molokai Invasive Species Committee  
Projection: NAD83 UTM Zone 4N meters  
5/13/2013 KTP MoMISC\_SenMad\_Molokai.mxd