



Monthly Report for January 2014

MICONIA

Crewmembers conducted 412 acres of ground, 159 acres of roadside and 53 acres of binocular surveys for miconia for a total of **625** acres surveyed in nine watersheds during January!

Watershed	Aerial Acres Surveyed	Ground Acres Surveyed	Roadside Acres Surveyed	Binocular Acres Surveyed	Mature Controlled	Immature Controlled	Work Hours
Ahuimanu	0	65	0	50	0	3	59
Heeia	0	0	43	0	0	0	4
Kalihi	0	52	63	3	0	1	125
Kaneohe	0	0	21	0	0	0	2
Kawainui	0	74	0	0	0	0	40
Keaahala	0	0	32	0	0	0	2
Makiki	0	21	0	0	0	0	16
Manoa	0	89	0	0	0	0	96
Nuuanu	0	111	0	0	0	2	60
TOTAL	0	412	159	53	0	6	404

DEVIL WEED

Crew conducted surveys and treatment of *Chromolaena odorata* in Kahuku for three days in January.

Watershed	Acres Surveyed	Mature	Immature	Total Plants	Work Hours
Paumalu	219	18	146	164	180

MELOCHIA

Crew conducted surveys and treatment of *Melochia umbellata* in Kahuku for three days in January.

Watershed	Acres Surveyed	Mature	Immature	Total Plants	Work Hours
Paumalu	219	54	126	180	180

HIMALAYAN BLACKBERRY

Survey and treatment for *Rubis discolor* was conducted in Palolo over 22 acres.

Watershed	Acres Surveyed	Mature	Immature	Total Plants	Work Hours
Palolo	22	0	64	64	87

PAMPAS GRASS

Survey and treatment for *Cortaderia selloana* was conducted in the Waikele watershed.

Watershed	Acres Surveyed	Mature	Immature	Total Plants	Work Hours
Waikele	283	0	0	0	24



PEST RESPONSE

Coconut rhinoceros beetle (*Oryctes rhinoceros*) Surveys

Watersheds	Acres Surveyed	# of surveys	# of CRB detected	# controlled	Work Hours
Kapalama	951	2	TBD	TBD	22.5
Kawainui	308	1	TBD	TBD	15
Moanalua	643	2	TBD	TBD	22.5
TOTAL	1902	5	TBD	TBD	60

Coqui Frog (*Eleutherodactylus coqui*) Early Detection Surveys

Watersheds	Acres Surveyed	# of surveys	# of frogs detected	# of frogs controlled	Work Hours
Kahawai	2		0	0	2
Kamilonui	1		0	0	3
Waimanalo	4		0	0	4
Total			0	0	9

Little Fire Ant (*Wasmannia auropunctata*) Early Detection Surveys

Watersheds	Acres Surveyed	# of surveys	LFA detected (y/n)	Work Hours
Ala wai	1	1	N	4
Kaloi	3	3	N	12
Kamiloiki	.5	2	N	8
Waimalu	5	2	N	8
Total	9.5	8	N	32

Naio Thrips (*Klambothrips myopori*) Early Detection Surveys

Watersheds	Acres Surveyed	# of surveys	Thrips detected (y/n)	Work Hours
Kaloi	6	1	N	4.5
Koko Crater	12	1	N	4.5
Waimalu	0.2	1	N	0.5
Total	18.2	3	N	9.5

OUTREACH

OISC staff participated in presentations to Punahou School, Makaha Elementary, Sierra Club Outings group, and the Hawaii Environmental Education Alliance. OISC assisted the Maui Invasive Species Committee with the Invasion: Little fire ant in Hawaii documentary premiere on January 13th at Café Julia. OISC participated in the annual invasive species legislative briefing at the Capitol on January 8th and a radio interview on Talk Radio am760. The Outreach specialist contacted 19 landowners to request access permission to survey their property for invasive species.



MONTHLY VOLUNTEER TRIP

The volunteer trip to Lyon Arboretum this month had 11 participants who surveyed 3 acres, controlled 25 immature *Ardisia virens* and 16 mature, 95 immature *Stromanthe tonckat* plants.

OISC Volunteer Trip Control Results

Date	<i>Ardisia sieboldii</i>	<i>Ardisia virens</i>	<i>Stromanthe tonckat</i>	Acres Surveyed	Volunteer Hours	Work Hours
Jan 18	0	25	111	3	61.5	14.5

EARLY DETECTION AND RAPID RESPONSE

The Oahu Early Detection team surveyed 19 acres of the Waimea Botanical Garden.

The OED team identified 4 plant specimens collected by partner organizations and the public. A new detection of Fireweed (*Senecio madagascariensis*) was found. This is an OISC target species thought to be eradicated on the island. There are no other known populations of this species on the island.

OED Plant Specimen Identifications

Entity	# of ID's
Kawailoa First Wind	1
US Fish and Wildlife Service	3
Total Id's	4

OTHER

- Legislative hearings, meetings
- Meetings: HISC Strategic Planning, Coconut rhinoceros beetle updates and training, Tibouchina herbacea management planning, BWS control work, CGAPS/ISC website update, WMWP, SWCA strategic planning, Pohakuloa Training Area NRO staff
- New Hire: Outreach Specialist, Erin Bishop.
- Baseyard
 - Chemical found in drainage culvert, Diethylene Glycol Butyl Ether
 - parking lot & road need gravel ASAP
 - Locks: the DoFAW bathroom key unlocks the new DOFAW lock on gate, combo lock rusting
 - need assistance with moving bronco
 - Hoxie Pest Control treated baseyard on 01/06