



**O'AHU INVASIVE SPECIES COMMITTEE**

**Monthly Report for May 2014**

**MICONIA**

Crewmembers conducted 176 acres of ground surveys for miconia in 5 watershed.

Watershed	Aerial Acres Surveyed	Ground Acres Surveyed	Mature Controlled	Immature Controlled	Work Hours
Kahaluu	0	23	0	22	80
Kalihi	0	18	0	0	15
Kawainui	0	2	0	0	15
Manoa	0	42	0	3	153
Nuuanu	0	50	0	16	146
Waihee	0	26	0	0	30
Waimanalo	0	15	0	0	32
<b>TOTAL</b>	<b>0</b>	<b>176</b>	<b>0</b>	<b>41</b>	<b>471</b>

**CAPE IVY**

Due to the growth habit of Cape ivy, individual plants controlled data cannot be collected, so OISC tracks acres treated.

Watershed	Ground Acres Surveyed	Acres Controlled	Work Hours
Kaloi	6	5.77	100

**DEVIL WEED**

OISC conducted surveys and treatment of *Chromolaena odorata* in Kahuku for four days.

Watershed	Acres Surveyed	Mature	Immature	Total Plants	Work Hours
Kahana	13	12	28	40	70
Paumalu	149	40	247	287	151
<b>TOTAL</b>	<b>162</b>	<b>52</b>	<b>275</b>	<b>327</b>	<b>221</b>

**FOUNTAIN GRASS**

Survey for of *Pennisetum setaceum* were conducted over 64 acres in the Waianae Mountains and along Farrington highway.

Watershed	Acres Surveyed	Mature	Immature	Total Plants	Work Hours
Kawainui	0	0	0	0	0.1
Keaau	13	1	167	168	63
<b>TOTAL</b>	<b>13</b>	<b>1</b>	<b>167</b>	<b>168</b>	<b>63.1</b>

**GLORY BUSH**

Survey and treatment for *Tibouchina urvilleana* was conducted over 8 acres.

Watershed	Acres Surveyed	Mature	Immature	Total Plants	Work Hours
Makiki	8	1	0	1	18



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**HIMALAYAN BLACKBERRY**

Survey and treatment for *Rubis discolor* was conducted in Palolo 4.3 acres.

Watershed	Acres Surveyed	Mature	Immature	Total Plants	Work Hours
Palolo	4.3	0	14	14	60

**PEST RESPONSE**

**COCONUT RHINOCEROS BEETLE (*ORYCTES RHINOCEROS*) SURVEYS**

OISC is working in partnership with the U.S. and Hawaii Department of Agriculture to survey for a new pest species on Oahu, the coconut rhinoceros beetle. This pest beetle is only known to occur on Oahu in the State of Hawaii. It is a pest of a variety of palm and pandanus tree species.

Watersheds	Acres Surveyed	# of surveys	# of CRB detected	# controlled	Work Hours
Heeia	2				1
Honouliuli	3				4
Kaelepulu	131				14
Kahawai	6				6
Kaloi	17				4
Kaneohe	2				1
Kawainui	6				3
Keaahala	1				1
Waimanalo	1				2
<b>TOTAL</b>	<b>169</b>				<b>36</b>

**LITTLE FIRE ANT (*WASMANNIA AUROPUNCTATA*) EARLY DETECTION SURVEYS\***

Watersheds	Acres Surveyed	# of surveys	LFA detected (y/n)	Work Hours
Honouliuli	2.25	1	N	8
Kaloi	1	1	N	8
Manuwai	0.002	1	N	2
Waimanalo	3.1	2	Y	26
<b>TOTAL</b>	<b>6.352</b>	<b>5</b>		<b>44</b>

\* All work is conducted in collaboration with the Hawaii Department of Agriculture

**OUTREACH**

The OISC staff participated in events that reached over 800 people throughout the month. OISC participated in two plant sales events, and gave five presentations at schools and Foster Botanical Garden.

**MONTHLY VOLUNTEER TRIP**

The volunteer trip to Lyon Arboretum had 13 volunteers participate in survey and control of 495 immature *Ardisia virens* and 12 mature and 244 immature *Stromanthe tonckat*.



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**OISC Volunteer Trip Control Results**

Date	<i>Ardisia virens</i>	<i>Stromanthe tonckat</i>	Acres Surveyed	Volunteer Hours	Work Hours
May 17	495	256	8	65	13.75

**EARLY DETECTION AND RAPID RESPONSE**

The Oahu Early Detection team surveyed 23.5 miles of Oahu state highways on the leeward side this month. The OED team identified 12 plant specimens collected by partner organizations and the public.

**OED Plant Specimen Identifications**

Entity	# of ID's	Work Hrs
Bishop Museum Herbarium Collections	6	~4
Master Gardeners	2	~2
US Fish and Wildlife Service	1	~.5
OANRP	1	?
DLNR	1	1
WMWP	1	1
<b>Totals</b>	<b>12</b>	<b>~9</b>

\*(Asterisk indicates estimate of identifications)

**SPECIES OF INTEREST:** (ex: new records of naturalized or cultivated species)

Species name	New Record ? (Y/N)	If Yes, Island or State?	Notes (new info on spp, historic locations, etc)
<i>Kochia scoparia</i>	N		Seed being sold on Ebay by someone in Honolulu- a serious weed that spreads via "tumbleweed" action.
<i>Phalaris arundinacea</i>	N		Seed being sold on Etsy by someone in Honolulu - a serious weed of wetlands and riparian areas. Known in limited distribution on Kauai.

**OTHER**

- FY15 Funding: Proposals = \$\_\_\_, Secured = \$85,000; expected need: \$1.6 million
- Partnerships: DLNR-; HDOA- ; KMWP- ; NARS-; WMWP-
- Meetings: HISC proposal collaboration with NARS, KMWP, WMWP, LFA Oahu planning and outreach meetings, CGAPS strategic planning
- New Hires: A UH PEPS intern started the last week of May to assist with little fire ant and coconut rhinoceros beetle surveys.
- Baseyard: trees need trimming again; waiting for account to be set up so that we can purchase a new container.