

Monthly Report for October 2013

MICONIA

Crewmembers conducted 134 acres of ground surveys for miconia in 6 watersheds. OISC collaborated with the University of Hawaii Center for Tropical Agriculture and Human Resources to treat 46 immature plants over 13 acres using the innovative herbicide platform, Herbicide Ballast Technology (HBT).

Watershed	Aerial Acres Surveyed	Ground Acres Surveyed	Mature Controlled	Immature Controlled	Work Hours
Ahuimanu	0	11	0	2	24
Kaalaea	3	0	0	16	16
Kahaluu	0	11	0	0	48
Kapalama	0	29	0	0	54
Manoa	10	67	0	145	297
Nuuanu	0	16	0	0	51
TOTAL	13	134	0	163	490

DEVIL WEED

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

Watershed	Acres Surveyed	Mature	Immature	Total Plants	Work Hours
Paumalu	131	1	37	38	157.5

PAMPAS GRASS

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

Watershed	Acres Surveyed	Mature	Immature	Total	Work Hours
Waikele	39	0	0	0	24

SPIKED PEPPER

Surveys and treatments for *Piper aduncum* were conducted in Waimea.

Watershed	Acres Surveyed	Mature	Immature	Work Hours
Manoa	79	0	2	74
Waimea	23	3	0	48

PEST RESPONSE

Coqui Frog (*Eleutherodactylus coqui*)

Watersheds	# of surveys	# of frogs detected	# controlled*
Kahawai	1	0	0
Kamilonui	2	1	1
Total	3	1	1

*All Coqui frog control work is conducted in partnership with the Hawaii Department of Agriculture

Little Fire Ant (*Wasmannia auropunctata*)

Watersheds	# of surveys	LFA detected (y/n)
Halawa	1	N
Manoa	1	N
Kaloi	1	N
Waimalu	1	N
Ala Wai	2	N
Waiawa	1	N
Waialaenui	1	N
Makiki	1	N
Hanauma	1	N
Koko Crater	1	N
Total	10	N

Myoporum Thrips (*Klambothrips myopori*)

Watersheds	# of surveys	Thrips detected (y/n)
Hanauma	1	N
Mailili	1	N
Koko Crater	1	N
Total	3	N

EARLY DETECTION AND RAPID RESPONSE

The Oahu Early Detection team surveyed portions of Waimea Botanical Garden on the North Shore of Oahu. The OED team identified 4 plant specimens collected by partner organizations and the public.

OED Plant Specimen Identifications

Entity	# of ID's
HI Department of Agriculture	1
Honolulu Botanical Garden	1
OISC	2
Total Id's	4

*(Asterisk indicates estimate of identifications)

OTHER

- OISC welcomes a new addition to the field crew, Derek. He is an Americorps yearlong intern hosted by KUPU. Welcome Derek!
- OISC assisted the DLNR DOFAW offshore island biologist in conducting Wedge-tailed shearwater surveys on Kaohikaipu.