**Monthly Report for June 2014**

**Miconia**

Crewmembers conducted 350 acres of aerial, 142.50 acres of ground for miconia for a total of **492.5** acres surveyed in six watersheds.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watershed** | **Aerial Acres Surveyed** | **Ground Acres Surveyed** | **Mature Controlled** | **Immature****Controlled** | **Work Hours** |
| Ahuimanu  | 32.47 | 36.31 | 0 | 1 | 64.40 |
| Kahaluu  | 124.85 | 0.00 | 0 | 0 | 30.60 |
| Kalihi  | 0.00 | 18.56 | 0 | 0 | 35 |
| Kawainui  | 17.81 | 0.00 | 0 | 0 | 4 |
| Manoa  | 174.87 | 48.18 | 0 | 22 | 112 |
| Nuuanu  | 0.00 | 39.45 | 0 | 1 | 82 |
| **TOTAL** | **350** | **142.5** | **0** | **24** | **328** |

**Cape ivy**

Surveys and treatment of *Delairea odorata* wereconducted over 29 acres in Kaloi watershed culminating in 177 work hours.

**Fountain grass**

Survey for and treatment of *Pennisetum setaceum* were conducted over 64.55 acres. A new fountain grass located was discovered by a partner agency in Waianae. It is a large mature plant and OISC is working on gaining permission to survey and remove the grass.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watershed** | **Acres Surveyed** | **Mature** | **Immature** | **Total Plants** | **Work Hours** |
| Kaneohe  | 0.02 | 2 | 1 | 3 | 4.00 |
| Kaupuni\*  | 0.00 | 0 | 0 | 0 | 0 |
| Waimalu  | 64.53 | 0 | 1 | 1 | 20.00 |
| **TOTAL** | **64.55** | **2** | **2** | **4** | **24** |

**Himalayan blackberry**

Survey and treatment for *Rubis discolor* was conducted in Palolo over 6 acres.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watershed** | **Acres Surveyed** | **Mature** | **Immature** | **Total Plants** | **Work Hours** |
| Palolo | 6.72 | 1 | 257 | 258 | 42 |

**Pest Response**

**Coconut rhinoceros beetle**(*Oryctes rhinoceros*)

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** | **Work Hours** |
| Heeia  | 101.07 |  | 0 | 4.00 |
| Kaelepulu  | 10.29 |  | 0 | 2.00 |
| Kahawai  | 6.33 |  | 0 | 4.00 |
| Kaneohe  | 1.58 |  | 0 | 2.00 |
| Kawainui  | 5.54 |  | 0 | 2.00 |
| Keaahala  | 0.79 |  | 0 | 1.00 |
| Koko Crater  | 711.84 |  | 0 | 12.00 |
| Waimanalo  | 1.58 |  | 0 | 3.00 |
| **TOTAL** | **839.02** |  | **0** | **30** |

**Coqui** (*Eleutherodactylus coqui*) **Early Detection Surveys\***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watersheds** | **Acres Surveyed** | **# of surveys** | **# of frogs detected** | **# of frogs controlled** | **Work Hours** |
| Kamilonui  | 1.57 |  | 0 | 0 | 3.50 |

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

**Little fire ant** (*Wasmannia auropunctata*) **Early Detection Surveys\***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Watersheds** | **Acres Surveyed** | **# of surveys** | **LFA detected (y/n)** | **Work Hours** |
| Honouliuli  | 4.36 |  |  | 20.00 |
| Kahawai  | 8.15 |  |  | 58.00 |
| Kaloi  | 8.46 |  |  | 28.00 |
| Kawainui  | 0.00 |  |  | 13.50 |
| Koko Crater  | 3.05 |  |  | 7.00 |
| Makapuu  | 2.61 |  |  | 8.00 |
| Makaua  | 0.88 |  |  | 4.00 |
| Waianu  | 1.07 |  |  | 4.00 |
| Waikele  | 5.53 |  |  | 24.00 |
| Waimanalo  | 3.46 |  | Y | 26.00 |
| **Total** | **37.57** |  |  | **192.5** |

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

**Outreach**

OISC outreach staff participated in the Ocean Fest environmental education day at Turtle Bay, met with the group, Waihee Ahupuaa Initiative, and presented to staff of Foster Botanical Garden and at two neighborhood board meetings, Waimanalo and Manoa.

**Monthly Volunteer Trip**

The volunteer trip to Lyon Arboretum this month surveyed and controlled 2 mature and 133 immature *Ardisia virens* and 47 mature and 336 immature *Stromanthe tonckat*.

**OISC Volunteer Trip Control Results**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | ***Ardisia virens*** | ***Stromanthe tonckat*** | **Acres Surveyed** | **Volunteer Hours** | **Work Hours** |
| June 14 | 135 | 383 | 8.54 | 25 | 13 |

**Early Detection and Rapid Response**

The Oahu Early Detection team surveyed

The OED team identified over 33 plant specimens collected by partner organizations and the public.

OED Plant Specimen Identifications

|  |  |
| --- | --- |
| **Entity** | **# of ID's** |
| Honolulu Botanical Garden |  |
| Oahu Army Natural Resource Program |  |
| Offshore Islet Restoration Committee |  |
| HI Department of Agriculture |  |
| KISC |  |
| Koolau Mountain Watershed Partnership |  |
| US Fish and Wildlife Service |  |
| Starr Environmental |  |
| BIISC |  |
| Master Gardeners |  |
| Senator Gabbard |  |
| UH Manoa CTAHR |  |
| **Total Id's** |  |

\*(Asterisk indicates estimate of identifications)

**Other**

* FY15 Funding: Proposals = $, Secured = $000,000; expected need: $1.6 million
* Partnership work:
* Meetings:
* New Hires:
* Baseyard: