**Monthly Report for January 2014**

**Miconia**

Crewmembers conducted \_\_\_ acres of aerial, \_\_\_ acres of ground, \_\_\_ acres of roadside and \_\_\_ acres of binocular surveys for miconia for a total of **\_\_\_** acres surveyed in \_\_\_ watersheds.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Watershed** | **Aerial Acres Surveyed** | **Ground Acres Surveyed** | **Roadside Acres Surveyed** | **Binocular Acres Surveyed** | **Mature Controlled** | **Immature**  **Controlled** | **Work Hours** |
| Ahuimanu | 0 |  |  |  | 0 |  |  |
| Heeia | 0 |  |  |  | 0 |  |  |
| Kalihi | 0 |  |  |  | 0 |  |  |
| Kaneohe | 0 |  |  |  | 0 |  |  |
| Kawainui | 0 |  |  |  | 0 |  |  |
| Keaahala | 0 |  |  |  | 0 |  |  |
| Makiki | 0 |  |  |  | 0 |  |  |
| Manoa | 0 |  |  |  | 0 |  |  |
| Nuuanu | 0 |  |  |  | 0 |  |  |
| **TOTAL** | **0** |  |  |  | **0** |  |  |

**Cape ivy**

Surveys and treatment of *Delairea odorata* wereconducted over \_\_\_ acres in Kaloi watershed.

**Cissus**

The OISC field crew conducted surveys for *Cissus repens* in Makaha.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watershed** | **Acres Surveyed** | **Mature** | **Immature** | **Total Plants** | **Work Hours** |
| Makaha |  |  |  |  |  |

**Devil weed**

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watershed** | **Acres Surveyed** | **Mature** | **Immature** | **Total Plants** | **Work Hours** |
| Paumalu |  |  |  |  |  |

**Feathertop fountain grass**

Survey and treatment for *Pennisetum villosum* was conducted in the \_\_\_\_ watershed.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watershed** | **Acres Surveyed** | **Mature** | **Immature** | **Total Plants** | **Work Hours** |
|  |  |  |  |  |  |

**Fireweed**

Survey and treatment for *Senecio madascariensis* was conducted in the \_\_\_\_ watershed.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watershed** | **Acres Surveyed** | **Mature** | **Immature** | **Total Plants** | **Work Hours** |
|  |  |  |  |  |  |

**Fountain grass**

Survey for and treatment of *Pennisetum setaceum* were conducted over \_\_\_\_ acres.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watershed** | **Acres Surveyed** | **Mature** | **Immature** | **Total Plants** | **Work Hours** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **TOTAL** |  |  |  |  |  |

**Glory bush**

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watershed** | **Acres Surveyed** | **Mature** | **Immature** | **Total Plants** | **Work Hours** |
| Makiki |  |  |  |  |  |

**Himalayan blackberry**

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watershed** | **Acres Surveyed** | **Mature** | **Immature** | **Total Plants** | **Work Hours** |
| Palolo |  |  |  |  |  |

**Mexican feather grass**

Survey and treatment for *Nassella tenuissima* was conducted in the \_\_\_\_ watershed.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watershed** | **Acres Surveyed** | **Mature** | **Immature** | **Total Plants** | **Work Hours** |
|  |  |  |  |  |  |

**Pampas grass**

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watershed** | **Acres Surveyed** | **Mature** | **Immature** | **Total Plants** | **Work Hours** |
|  |  |  |  |  |  |

**Ruby grass**

Survey and treatment for *Melinus nerviglumis* was conducted in the \_\_\_\_ watershed.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watershed** | **Acres Surveyed** | **Mature** | **Immature** | **Total Plants** | **Work Hours** |
|  |  |  |  |  |  |

**Spiked pepper**

Surveys and treatments for *Piper aduncum* were conducted in the \_\_\_\_\_ watershed.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watershed** | **Acres Surveyed** | **Mature** | **Immature** | **Total Plants** | **Work Hours** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**Pest Response**

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watersheds** | **Acres Surveyed** | **# of surveys** | **# of frogs detected** | **# of frogs controlled** | **Work Hours** |
| Kamilonui | 0.718 | 1 | 1 | 1 | 2 |

\* 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** |
| Kamilonui | 4.791 | 2 | N | **16** |
| Waiawa | 22.069 | 2 | N | **36** |
| Waimanalo\* | 1.717 | 1 | Y | **14** |
| **Total** | **28.577** | **5** |  | **66** |

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

**Outreach**

OISC outreach staff participated in the Hawaii Bike Association race “24 hours of Hell in Paradise”, the Punahou Capstone Project fair and a workshop for HDOT road crews.

**Monthly Volunteer Trip**

The volunteer trip to Lyon Arboretum this month surveyed and controlled 0 mature and 165 immature *Ardisia virens* and 17 mature and 279 immature *Stromanthe tonckat*.

**OISC Volunteer Trip Control Results**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | ***Ardisia virens*** | ***Stromanthe tonckat*** | **Acres Surveyed** | **Volunteer Hours** | **Work Hours** |
| Sep 13 | 165 | 296 | 8 | 57 | 8 |

**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: Secured = $1,194,441; Pending = $163,086; expected need: $1.47 million
* Partnership work: MCBH WTSH surveys, WMWP assisted with miconia
* Meetings: HISC strategic plan
* New Hires: Christine Kline, Pila Young and Ryan Chang. Two more on the way. Danielle Frohlich’s last day 10/06. She is moving on to SWCA.
* Baseyard:
  + Construction crews demolishing the gravel, esp when they decon equipment by the office buildings
  + Silver lock on gate issues
  + C&C completed tree trimming for now.