**Monthly Report for August 2014**

**Miconia**

Crewmembers conducted 85 acres of ground and 783 acres of aerial surveys for miconia for a total of 868 acres surveyed in watersheds. One mature miconia was found in Kalihi valley.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watershed** | **Aerial Acres Surveyed** | **Ground Acres Surveyed** | **Mature Controlled** | **Immature**  **Controlled** | **Work Hours** |
| Heeia | 0.00 | 33.35 | 0 | 0 | 40.00 |
| Kalihi | 0.00 | 31.43 | 1 | 31 | 56.00 |
| Kawainui | 87.13 | 0.00 | 0 | 0 | 15.00 |
| Makiki | 0.00 | 9.18 | 0 | 0 | 40.00 |
| Manoa | 0.00 | 11.02 | 0 | 19 | 41.00 |
| Waimanalo | 288.02 | 0.00 | 0 | 0 | 20.00 |
| Waimea | 407.79 | 0.00 | 0 | 0 | 20.00 |
| **TOTAL** | **783** | **85** | **1** | **50** | **232.00** |

**Devil weed**

Crew conducted surveys and treatment of *Chromolaena odorata* in Kahuku and Kahana Valley.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watershed** | **Acres Surveyed** | **Mature** | **Immature** | **Total Plants** | **Work Hours** |
| Kahana | 14.58 | 6 | 45 | 51 | 40 |
| Paumalu | 164.13 | 15 | 395 | 410 | 180 |
| **Total** | **178.71** | **21** | **440** | **461** | **220** |

**Himalayan blackberry**

Survey and treatment for *Rubis discolor* was conducted in Palolo over 19 acres.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watershed** | **Acres Surveyed** | **Mature** | **Immature** | **Total Plants** | **Work Hours** |
| Palolo | 6.53 | 0 | 48 | 48 | 68.50 |

**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** | **# controlled** | **Work Hours** |
| Kalihi | 0 | 1 | 0 | 0 | 2 |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Watersheds** | **Acres Surveyed** | **# of surveys** | **# of frogs detected** | **# of frogs controlled** | **Work Hours** |
| Kamilonui | 0.993 | 1 | 0 | 0 | 3.5 |
| **Total** | **0.993** | **1** | **0** | **0** | **3.5** |

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

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Watersheds** | **Acres Surveyed** | **# of surveys** | **LFA detected (y/n)** | **Work Hours** |
|  | 2.782 | 1 | N | 8 |
| Kapalama | 0.323 | 1 | N | 2 |
| Manuwai | 0.119 | 1 | N | 6 |
| Waikele | 6.312 | 2 | Y | 16 |
| Waimanalo | 9.531 | 5 | Y | 53 |
| **Total** | **19.067** | **10** | **Y** | **85** |

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

**Naio Thrips** (*Klambothrips myopori*) **Early Detection Surveys**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Watersheds** | **Acres Surveyed** | **# of surveys** | **Thrips detected (y/n)** | **Work Hours** |
| Ala Wai | 0 | 6 | N | 3.6 |
| Kamiloiki | 0 | 1 | N | 1.5 |
| Kamilonui | 0 | 1 | N | 0.6 |
| Manoa | 0 | 1 | N | 0.6 |
| Palolo | 0 | 1 | N | 0.6 |
| Waialaenui | 0 | 1 | N | 0.6 |
| **Total** | **0** | **11** | **N** | **7.5** |

**Outreach**

OISC outreach staff hosted a little fire ant hoike curriculum session at Mililani Middle school. They conducted BMP trainings for HDOT contractors and attended the environmental council planning meeting at the Capitol. Outreach staff presented invasive species information to the Manoa neighborhood board and at the Hawaii Tourism Authority annual conference.

**Monthly Volunteer Trip**

The volunteer trip to Lyon Arboretum this month surveyed and controlled 8 mature and 1105 immature *Ardisia virens* and 28 mature and 185 immature *Stromanthe tonckat*.

**OISC Volunteer Trip Control Results**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | ***Ardisia virens*** | ***Stromanthe tonckat*** | **Acres Surveyed** | **Volunteer Hours** | **Work Hours** |
| Aug | 1113 | 213 | 24 | 25 | 15 |

**Other**

* FY15 Funding: Proposals = submitting full proposal to NFWF and WPPG for Tibouchina control in partnership with NARS and KMWP. Will be submitting a proposal to HTA.
* Partnership work: HDOA w/ LFA; HISC strategic planning;
* Meetings/Conferences: 2016 World Conservation Conference planning; LFA ICS bi-weekly meetings, OANRP Airborne Aviation contract review
* Trainings: Guam BTS RRT; Helicopter Crew Member and Manager; RCUH First Aid CPR; Wordpress
* Baseyard:
  + Vehicles

**September**

* Miconia – 5 aerial days scheduled, but 2 have been cut short due to fires
* Pampas grass aerial scheduled, 1st of the year
* Tibouchina herbacea – 1st KMWP, NARS, OISC camp trip for delimiting population
* Shearwater surveys at MCBH
* JP on vacation for 2 weeks