‘Ualapu’e Kuleana Homestead Ag-Subsistence Project
By
Ahonui Homestead Association 2019
ITEM J-4

The initial Project Area included two Tax Map Key (TMK) Parcels. Ahonui requested the addition of 2 parcels and the Planning Office decided to include all DHHL lands at ‘Ualapu’e.

<table>
<thead>
<tr>
<th>TMK</th>
<th>ACRES</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2) 5-6-006:017</td>
<td>376.56</td>
</tr>
<tr>
<td>(2) 5-6-002:026</td>
<td>13.56</td>
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<tr>
<td>(2) 5-6-002:001</td>
<td>2.23</td>
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<tr>
<td>(2) 5-6-002:024</td>
<td>2.99</td>
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<tr>
<td>(2) 5-6-002:025</td>
<td>3.75</td>
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<td>(2) 5-6-002:027</td>
<td>1.22</td>
</tr>
<tr>
<td>(2) 5-6-002:036</td>
<td>1.22</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>401.53</strong></td>
</tr>
</tbody>
</table>

DHHL Lands at ‘Ualapu’e includes 7 parcels Total: 401.53 acres
Conducted initial site visits, took pictures, marked points

Cultural Resource Management Task Force

- Task Force: Dickenson Stone
- Christopher Chang
- William (Kupuna Kekauoha)
- Gavin Pelekane-Tamashiro
- Phillip "Mango" Stephens
- Antonette Yamamoto
- Sybil Lopez
- Sam Pedro
- Pat Tamashiro
- Cora Schnackenberg
- Members/Volunteers
Shows walking paths/area covered by the Cultural Resource Management Task Force

Evidence of Extreme Soil Erosion--Water Run-Off Problem
only 8-12-inches of a 6-foot fence is visible; the other side of the fence clears 5-6 feet
Early stages of soil erosion where roads become waterways which start to erode...

...and continues to erode until you end up with gullies and hard pan soil which would be difficult to farm
Access Road

Stream bed that must be crossed to get from one DHHL parcel to another
Examples where the land levels off
Where plants grow, soil is retained

Plant name: Common lantana (*Lantana camera*)

Elevation: beach zone - 1000+ ft.

Description:
- native to Central and South Africa
- shrub
- can grow 6 feet tall or more
- poisonous to livestock *
- birds disperse seed

Management:
- physical - cut
- chemical - herbicide
Plant name: Balloon cottonbush (*Asclepias physocarpa*)

Elevation: low elevation, dry habitats, occasionally up to 1,830 m

Description:
- grows in waste places, disturbed sites, open woodlands, grasslands, wetlands, and along roadsides
- seeds spread by wind
- invades active pastures, sugarcane plantations, coastal and dry forests

Management:
- physical - hand pull seedlings
- chemical - Mature plants may be herbicide-tolerant. Higher, unstated rates of metsulfuron reported effective

Native Plants

Plant name: ʻUliʻu / Elaehe (Molokaʻi) (*Osteomeles anthyllidifolia*) Hawaiian hawthorn / Hawaiian rose

Elevation: sea level - 7,600 ft.

Description:
- indigenous
- found in dry to mesic forests
- needs full sun
- shrub/tree (~2 ft-30 ft)
- flowers are slightly fragrant (like a rose)

Uses:
- wood used for ʻiʻi (digging sticks), ihe (spears for luʻu heʻe), games and sports, kapa beater, ʻōkēkē (musical instrument), ʻauamo (carrying poles for water and food)
- short tapered sticks used for paheʻe
- fruit used to dye kapa
- branches used for making round fish nets
- flowers and fruit used for lei-making
- medicine: laxative for babies & deep cuts
Native

Plant name: ʻĀkia (Wikstroemia uva-ursi)

Elevation: 10ft-1375ft

Description:
- endemic *
- shrub (2-6 ft)
- can grow up to 5 ft in width
- companion plants - ʻIlima, 'a'ali'i, kupukupu, poʻohele, ʻiei, and kūhū
- salt, wind, drought, heat tolerant

Uses:
- ground cover
- fish poison
- fiber material for ropes
- wood used for 'auamo (carrying sticks)
- medicine - laxative & nae kūlou (shortness of breath)
- lei-making
Oct 25, 2021—G70 Site Visit with ‘Ualapu’e Cultural Practitioners
JAC2 make map inset to id where we are
Julie-Ann Cachola, 11/11/2021
Oct 25, 2021—G70 Site Visit with 'Ualapu'e Cultural Practitioners

Oct 25, 2021—G70 Site Visit with 'Ualapu'e Cultural Practitioners
Oct 25, 2021—G70 Site Visit with 'Ualapu'e Cultural Practitioners

[Images of people engaged in activities outdoors, wearing masks and interacting]

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Oct 25, 2021—G70 Site Visit with 'Ualapu'e Cultural Practitioners

Oct 25, 2021—G70 Site Visit with Cultural Resource Management Task Force
Oct 25, 2021—G70 Site Visit with Cultural Resource Management Task Force
Oct 25, 2021—G70 Site Visit with Maui County Fire Department
Oct 25, 2021—G70 Site Visit with Maui County Fire Department

Oct 25, 2021—G70 Debriefing with Ahonui