

Oahu Invasive Species Committee
MINUTES of December 4, 2001 meeting
Ho'omaluhia Botanical Garden, Kaneohe

Attendees: Heidi Bornhorst, Vickie Caraway, Ken Ching, Coleen Cory, Christina Crooker, Melissa Dumarán, Leilani Durand, Jordan Jokiel, Annette Kaohelaulii, Terrell Kelley, Kevin Kinvig, Fred Kraus, Megan Laut, Mike Leech, Brent Liesemeyer, Steve Lohse, Nilton Matayoshi, Randy Miyashiro, Joshlyn Sand, Amy Tsuneyoshi, Ron Walker, Mindy Wilkinson, Chris Woolaway, Charlotte Yamane

1. **WELCOME** - colleen Cory, OISC chair

2. Minutes corrected

3. **ANNOUNCEMENTS**

- DLNR alien species position is open.
- Coqui frog control is being coordinated through the state Department of Agriculture; Leila Gibson has been coordinating efforts for USFWS but is on maternity leave, her replacement is unknown.
- Chris _____ of Hawaii Sea Grants, wants to work with OISC to help with alien species control; Sea Grants is a partnership involved in several areas of the coastal and marine environment. They have been involved in issues of water quality, aquaculture, marine debris, and coast erosion but have been involved with terrestrial alien species issues in Hawaii. Chris and the DOA representative discussed if Hawaii has the invasive species of Colpoptera, agreed that DNA tests were needed.

4. **CONTROL GROUP REPORTS**

- **Education** - Melissa/Leilani - This group has been working on developing the alien species identification cards; will have 20 cards with 8 x 10 picture; 1000 sets in life history on back with the goal of education; a need for field ID cards was discussed and the education group will try to morph these cards for this purpose. Web page: OISC will follow design of MISC home page; presently working on mission statement and Oahu's six top invasive species description.
- **Detection** - Lyndon Wester of UH will be doing alien species mapping on line for web publication and mapping, funded by USFWS. Question discussed was the purpose of the mapping project. Discussion followed about the possibility of posting a recording form on web, maybe the HEAR site. A suggestion was raised about a presentation to the Hawaii Trail and Mountain Club.
- **Control** - Jordan
 1. Miconia: Manoa - population monitored by Sierra Club, one valley had 3 mature trees several 4-5: trees; Kalihi - concentrated in 3-4 valleys; 2 mature trees found last week; need aerial surveys; Waimanalo - one plant in area of a historical location; Maunawili - marginal habitat; possible corridor for bird transition to the Manoa area; Kahaluu - no plants found; Makiki- ground and helicopter sweep was done with nothing found; HECO cooperated by providing helicopter time; Pahoa - signage needed on trail; Miconia on both sides of the trail; Tantalus still has some areas that to be checked.
The Miconia strategy meeting was coordinated to develop a 6 month plan to accommodate

tasks and data management - Heritage will be the central clearinghouse.

2. Fountain grass: Diamond Head - interns mapped locations and controlled what was possible;

On January 12 will do control at Diamond Head, closing the park early; Bellows survey -15 plants were found, probably spread from Lanikai; Chaminade University area was retreated, many were presumed dead but came back with the increased rain; East side of UH on hillside - dozen plants; Pali Highway - needs control, Jordan volunteered to follow-up; Lanikai - need plan of attack, state has only small portion of land with the rest owned by Kamehameha Schools, will need restoration if eliminate grass; Punchbowl - area needs annual sweep, Jordan will be the point of contact ; Possible new locations at Honolulu Airport, DOT committed to removal

3. Blackberry: Lanipo population treated and will be retreated soon; Palolo Valley - to be treated soon also

4. Frogs: Declared "pest" by DOA; Nilton has the caffeine, *RUP certification needed to apply the caffeine?*

5. Noxious Weed list to be ranked with Curt Dahlear's test; will need to tap into Kaulunani money when Dahlear's grant from USFWS runs out.

- **OISC Field Crew - Brent** - Mike Leech has been hired as part of the OISC field crew; Shaun resigned and another selection was made earlier this morning for his replacement; will need address funding to hire a third member of the field crew and the Oahu coordinator will be fourth person; the Position Description (PD) is at RCUH and will be posted by the end of December. The PD was review by Coleen, Fred, Christina, Brent, and Jordan; the coordinator office location will be at Waimanu and the focus will be on Miconia; the move to Waimanu will coincide with OISC coordinator hire.

Steve Lohse.

- From a Hawaii Community Foundation grant, OISC will get two field technicians positions for 2 years.

- Emergency economic legislation, jobs program, will address invasive species; has full-time emergency workforce coordinator - Tom Ishi - 956-5353; picked by RCUH to administer program; this legislation will employ 200 positions statewide for 3 months; Oahu will receive 33 positions; the purpose is to address issues that will impact tourism - mainly invasive species.

- **Species Description** - Amy T - *Dillenia suffruticosa*

Pioneer species, 5-10m tall; identified by 12-20 veins on leaf; bee/beetle/fly pollinated; almost every flower sets fruit of 7-10 seed/carpel; 7-8 carpels per fruit; bird dispersed; In its native habitat, this tree's presence indicates water; the roots tap into the water table, resulting in competition for resources; vigorous growers; on Oahu - found at Hoomaluhia Botanical Garden, Waihii, and Manoa.

Other weeds for Species Reports next meeting:

Arthrostemum ciliatum - too widespread to consider incipient

Oxyspora paniculata - too widespread in SE part of Oahu? Christina

Sphaeropteris cooperai- Leilani

Tibouchina herbacea - check with Joe Lau on spread on Oahu

Gorse - Nilton

Coleen has organized a notebook with Oahu invasives with information from web-sites.

Presentations needed for these species

Pistia stratiotes

Myrica faya

Ilex cassine

Fire ants

Rubus elliptica

PampasGrass

Arundo donax

Hypericum canariensis

Update on thorny kiawe: Nilton - DOA asking for cooperation from landowners where plants are found; Taken out at Sand Island and airport; Pearl Harbor has an area of about 100 yards; also found at Ewa Beach park.

Next meeting

February 20, 2002

9:00 a.m. - 12 noon, Lyon Arboretum