

# **Kauai Invasive Species Strategic Planning Workshop Approved Meeting Minutes**

Date: Monday, November 15, 2004

Time: 9:00 am to 2:30 pm

Place: HDOA, Pua Loke, Lihue, HI

## **I. Welcome**

## **II. Introductions and Announcements**

- NRCS EQUIP Money available – Michelle Clark  
Michelle is promoting not only the EQUIP but also the WHIP grant programs. EQUIP's Kauai priorities include focusing on insufficient water supplies, Noxious species on ag land, erosion, sedimentation, animal waste, emissions, and at-risk species (there is \$1M alone for this last category). Last year \$900K went toward Kauai projects. Anyone who is interested in applying for these should contact Michelle at 245-6513 x109.

## **III. Review / approve July meeting minutes**

Minutes were unanimously approved. These will be posted on the KISC website.

## **IV. Review agenda and the day's objectives**

## **V. Review for Committee:** (These can be found in KISC's Action Plan)

- KISC Mission Statement
- Policy Statement
- Rules of order

## **VI. Nominations for KISC Chairperson**

Committee agreed to rotate the chair annually between the different sectors represented by the committee (i.e. State, Federal, private, etc.). No one stepped forward as a nominee, so we will be bringing this up again at the January meeting.

## **VII. Review last meeting results (Action Plan and FY 04 Addendum)**

You can review these online at the KISC website.

## **VIII. Progress/status report**

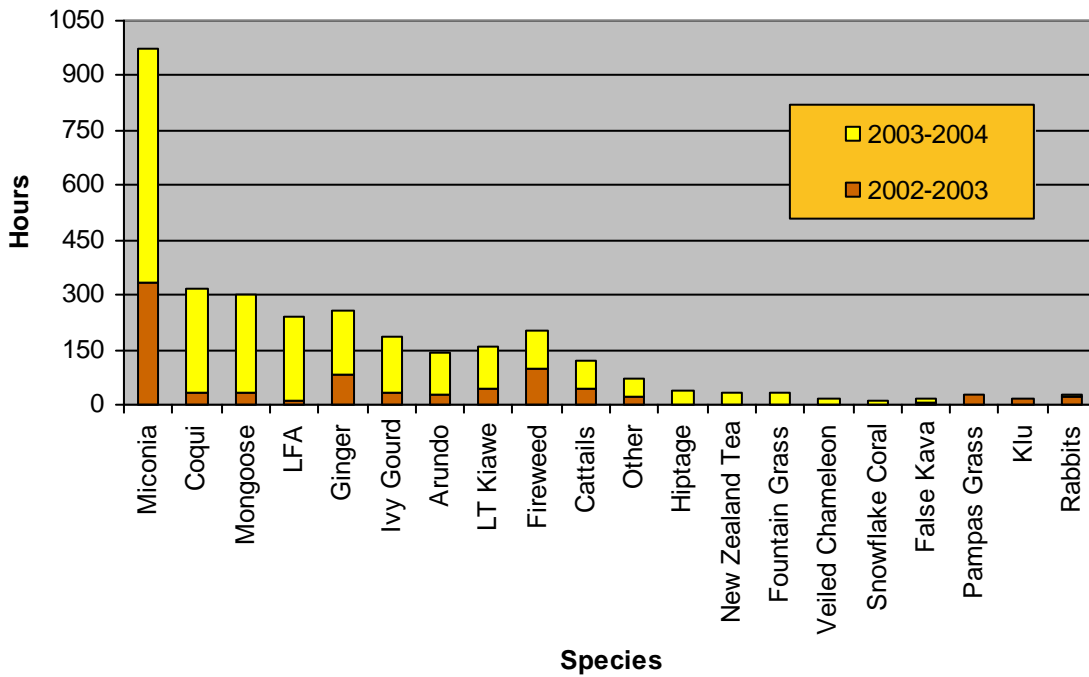
- Infrastructure
  - Budget: FY04 was \$190K, FY05 is \$456K
  - Staffing: At this point we have five staff members including one Americorp Intern. Positions that are still to be filled are the Data Manager, Field Crew Supervisor, Field Crew (2), and an Outreach Specialist.

- Facility: Office is at KCC and will need to vacate by the end of the year. Base yard: Shared space at HDOA is inadequate and does not allow us to implement full decontamination protocol. KISC is currently in the process of securing a new office / base yard facility.
- Vehicles: Nissan Frontier Crew Cab, Chevy 3500 Pickup for the Ant survey, Chevy 3500 Crew Cab, and another vehicle budgeted with the HISC funding.
- Training / certifications
  - DOFAW-lead Snake Response Training
  - 32 Hr Supervisory Management Training – Keren
  - Various RCUH training for Supervisors and Crew
  - Basic Aviation Training – open to public
  - Pest Risk Reduction Short Course – Kekoa
  - Track-board Training with USDA-WS-NWRC
  - Small Engine and tool maintenance workshop
- KISC Outreach and Public Awareness Activities
  - Agricultural Awareness Day
  - Family Ocean Fair – Cancelled due to high winds
  - Testimony to Fed. Subcommittee
  - Garden Fair
  - Princeville Library Display – May
  - Student Watershed Symposium
  - Kapaa Middle School 5th Graders
  - Banana Poka Round-up
  - YCC at Kanaele Bog
  - Farm Bureau Fair
- KISC Publicity Products
  - “Pelt the Pest” game
  - New display boards
  - Pest Alerts: False Kava, Pampas Grass, Mongoose, LT Kiawe, Hiptage, Fountain Grass, Chameleons
  - Updated Web site
  - Little Fire Ant flyer – CTAHR
  - News articles
  - Frog PSA
- KISC field activities
  - Targets

Species	Action Taken		Actual Known to Date	
	Acres	Individuals	Populations	Acres
Miconia	99	487	3	1170*
Fountain Grass	84	1100	4	260

Ivy Gourd	70	1130	15	20
Manuka	33	700	?	?
Arundo	20	34993	15	15
Fireweed	19	32	2	2.5
Cattails	6	5909	8	6
L.T. Kiawe	2.5	1252	10	500
False Kava	2	24	1	0.50
Hiptage	208	100	?	500
Mangrove	200	6	2	250
Pampas Grass	0.10	39	4	5

### Person Hours by Target



- Rapid Response
  - Veiled Chameleon (one reported in Lawai in March)
  - Coqui Frogs (responding to radio PSA's)
  - Mongoose (ongoing response to sightings)
  - Miconia (only a few sightings, all negative)
- Surveys
  - Kahili Ginger Aerial Survey

- Hiptage (approx 500 acres)
- Mangrove (approx 250+ acres)
- Ground-truth of Fountain Grass Aerial Survey
- Little Fire Ants (island-wide)

## IX. Update Target Species

- Add/drop target weeds/animals
  - **Miconia – Keep as #1 target.**
  - **LT Kiawe – Continue work.** Contact PMRF regarding efforts on their population.
  - **Fountain Grass – Keep as #2 priority.** Challenges: treatment method, publicity, expense, access.
  - **Fireweed – Continue monitoring.**
  - **Pampas Grass – Continue work.**
  - **Ivy Gourd – Continue work.** Push as education item. [MW: The bio-controls that were released on Oahu don't really wipe out the populations. Work needs to continue if it is still eradicatable.] [CK: HDOA does not actively work on IG because a bio control has been released here on Kauai.]
  - **False Kava – Continue work.**
  - **Cattails – Continue work.** Concentrating on Makaweli site. The NRCS EQUIP grant could help the taro farmers fund efforts.
  - **Arundo – Continue work.**
  - **Coqui Frogs – Continue with rapid response and eradication** of Lawai population.
  - **Little Fire ant – Continue eradication and survey work.**
  - **Banana Bunchy Top Virus – Add target to assist HDOA** with primarily surveys.
  - **Mongoose – Add as a priority species.** [MC: This is a WHIP qualifiable species.] [MW: We can fill in efforts on this with HISC funding.] [KG: I'd like to go after additional funding to fund a full time tech for this work. It is extremely labor intensive.]
  - ***Buddleia asiatica* –** [KC: This has been popping up in forest areas. It must be coming from an unknown seeding population.] [SN: It has also been found in the back of Waineha.] [JP: There are 3 species now on Kauai, do we know which species this is?] [TF: I would like to suggest that vouchers be made (2-3 specimens) of each plant found.] **This item will not be added to KISC's target list.** KRCP will map and treat as they find it.
  - ***Camelia sinensis* -** [JP: The plant has been spreading in Kokee a number of years. It has a white flower. There were only two original trees but 18 years of seeds have been establishing and are now spreading.] [KC: This plant responds well to Garlon. I am alarmed at how fast it is spreading.] [KC: It appears that it is capable of displacing other plants.] [AR: Is this species elevation sensitive?] [JO: This species has been at the Ag Station in Wailua since '61. CTAHR is pushing it as an industry.] **This item will not be added to KISC's target list.**

- **Rubber Vine** - This plant is a serious problem on Molokai where it escaped from a garden. **This will be added as a survey item.** KISC will treat where found.
- **Kudzu – Collect specimens and ID the species.**
- **Mules foot fern – Add item to map and treat when found.** KISC should push this item to be added to the Noxious Weed List so that Nurseries can no longer sell it.
- ***Cissus verticulata* – Research information** about this species. [TF: This vine is related to the grape and there are three species. **Map and monitor.**
- **Bush beard grass** – This item is beyond control. **This item will not be added to KISC's target list.**
- **Hiptage – Leave on list to continue monitoring.** Encourage landowners to control. Provide them with information on control methods and the extent of the population.
- **Kahili Ginger - Remove from target list.** Increase capacity with other agencies.
- **Mangrove – Remove from target list.** There is over 250 acres of this. It is hard to control and is not incipient.
- **Australian Tree Fern – Keep this as an educational item.**
- **Greenhouse frog** – Table for next meeting.

#### X. **Announcements**

- Super Ferry hearing on Tuesday, November 23 at Wilcox elementary school.
- KNPS is sponsoring a Warren Wagner lecture Saturday, November 20, 6:30 pm at St Michaels.
- Kokee Master Plan meeting Thursday, November 25, 5:00 pm at Eleele School.

#### XI. **Next meeting – January 20, 2005, HDOA, 10 am to 12 noon.**

*PAU*

**Meeting Attendees:** Allan Rietow (TNC/KISC Chair), Keren Gundersen (KISC), Joe Kona (KISC), Jin-Wah Lau (KISC), Amos Arashiro (KISC), Kilipaki Vaughan (KISC), Tim Flynn (NTBG), Mike Hawkes (USFWS), Kawika Smith (K-DOFAW), Eric Garcia (HDOA), Craig Kaneshige (HDOA), Sherri Paul (K-DOFAW), Joni Gokan (USDA-APHIS), Mindy Wilkinson (DOFAW), Kim Langley (CGAPS), Sarah Newton (TNC), Michelle Clark (NRCS), John Plews, Jayme Patrick (USDA-APHIS-WS), Katie Cassel (KRCP), Anne Marie LaRosa (BIISC/ USFS), Ed Piccup (HDOA), Jeri Ooka (UH/CTAHR), John Schlegel (NRCS), Guy Nagai (USDA-APHIS), Scott Giarman (Kauai United Way), Laurie Ho (Garden Island RC&D)