

**ANNUAL KISC
STRATEGIC PLANNING MEETING
Approved Meeting Minutes**

Thursday, February 21, 2008
HDOA Conference Room
8:00 am to 12:00 pm

I. Welcome/Introduce Guests/New Members

[Attendees: Becca Boshears (KISC temp hire), Sherri Paul (DOFAW), Joseph Aguon-Kona (KSIC), Tysen Rapozo (KISC), Jeff Schlueter (TNC), Kevin Sasaki (KISC's newest crewmember hired in December 2007), Mugs Kaneholani (KISC), Joseph Kona (KISC), Sarah Newton (KISC), Kristin Hall (KISC), Tim Flynn (NTBG), Jeffrey Herod (USFWS), Chris Buddenhagen (HISC), Natalia Tangalin (NTBG), Craig Kaneshige (HDOA), Eric John Garcia (HDOA), Bill Spitz (Cty of Kauai-OED), Laurie Ho (USDA-NRCS-RC&D), Jackie Kozak (HISC), Keren Gundersen (KISC)]

II. Farewell to Jeff Schlueter and Kristin Hall

"Goodbye" goes to Jeff Schlueter (KISC's Data Tech) who leaves KISC to take a Resource Manager position with the Nature Conservancy on Kauai. He will be replacing Sarah Newton who is heading to Oregon to pursue even greener pastures. We wish them both well in their new endeavors. "Bon Voyage" goes to Kristin Hall (KISC Project Facilitator), who heads out next week, on an extended tour of the southern hemisphere with her husband and daughter. Then she is off to the mainland for more traveling and adventures. Good luck, Kristin!

III. Review Agenda Items

IV. Review and Approve Minutes from October 19, 2007 regular meeting

Meeting minutes were passed unanimously without changes. Approved minutes will be posted online at www.kauaiisc.org.

V. Review for Committee – Tim Flynn

- ◆ KISC Mission Statement
- ◆ Policy Statement
[CB: I think the KISC policy statement should be updated to emphasize the importance of early detection.] **After committee discussion, it was decided that Chris would send Keren a draft of his proposal to be discussed at the next KISC meeting.**
- ◆ Rules of Order
[TF: It is important to remember that we decide by consensus, with respect shown to other's opinions.]
- ◆ 2006 Strategic Planning Meeting results
A review of Committee decisions on KISC's targets from the last Strategic Planning meeting was discussed. Please see <http://www.hear.org/kisc/presentations/2006kiscstrategicplanningmeetinghighlights/>.

VI. Budget – Keren Gundersen

Comparisons were made between the FY07 and FY08 budgets; the significant difference being the \$320,000 from the County of Kauai for frog work in FY08. Some of these funds were carried over into FY09. [CB: FY09 Budget amounts will hopefully remain steady but a lot depends on what HDOA requests out of the HISC funds.] See <http://www.hear.org/kisc/presentations/20080221kiscbudgetinfrastructureupdate/>.

VII. Progress/status report

◆ **Infrastructure – Keren Gundersen**

Facility and staffing remain constant. There are currently 3 vacant positions at KISC in the process of being filled. Training, workshops, and certifications for the year were organized by Kristin with most open to partnership agencies and groups. Please see <http://www.hear.org/kisc/presentations/20080221kiscbudgetinfrastructureupdate/>.

◆ **Coqui frogs – Keren Gundersen**

A brief history about coqui on Kauai as well as a review of the Coqui Working Group's plan and actions over the last year. See:

<http://www.hear.org/kisc/presentations/20080221coquiupdate/>. [TF: So, what is the status of coqui on Kauai?] [KG: We have reduced the entire population to only a few calling frogs every once in a while, not even every time the crew goes out to the site. We will continue to monitor this site for a year after we hear the last calling frog to ensure that there are no juvenile frogs ready to mature and start reproducing. We are also responding to new sightings island-wide. We also hope to continue with radio PSA's to educate the public.]

◆ **General targets – Jeff Schlueter**

Person hours per target species as well as brief reviews of priority species, wind dispersed species, and vegetative species are covered in Jeff's presentation. See <http://www.hear.org/kisc/presentations/20080221kisctargetupdates/> for more details.

◆ **Early Detection / Road-side survey – Kristin Hall**

The Kauai Early Detection Roadside survey has been conducted and the results are now being analyzed. Expert input is now being solicited to comment on a list of potential target species. The full report including maps, tables and the target list may be viewed at <http://www.hear.org/kisc/pdfs/2007kiscroadsidesurvey.pdf>. A brief overview of the process may be viewed in this PowerPoint that Kristin presented. Please see: <http://www.hear.org/kisc/presentations/20080221kiscearlydetectionupdate/>.

VIII. Discussion

Fountain grass: [KG: The working group met last year and did additional surveys up Hanapepe Valley. This target has several things as obstacles: it is inaccessible on steep, tall, and crumbly cliffs, the landowners are not that concerned with it and have expressed anxiety over other invasive grasses as being a higher priority, and we have no feasible mechanism to treat the inaccessible areas. Even helicopter application of herbicides is problematic in accessible areas in that they would require an Environmental Impact Statement, would be costly, and are highly visible to the public. I would like to discuss whether we should keep this as an active target species.] [TF: It seems that we should make the public aware of problem weeds we have established here on Kauai, not just focus on reporting new species. Maybe we could possibly do a series of articles in the Garden Island News. We should be pro-active about this and should address it somehow.] [LH: Is FG on other target lists for other ISCs?] [KG: It is on OISC and MISC's list.] [CB: A report with population delineation and other problems needs to be made. This would help decide whether to keep it or drop it, but at least you would have a record of why the decision was made. OISC had a similar problem with bush beard grass.] [TF: KISC needs to decide our involvement with the target; education or control.] [JS: All the other KISC target priorities are eradication; FG would be a containment issue. Since it is wind dispersed, it makes it harder to contain.] [CB: If you get some figures together such as an estimated cost to treat and control it will make it easier to decide whether to keep it or drop it. Once you have an estimate for control, maybe you could get additional funds.] [LH: Could you talk to the property owners and show them ways to control it?] [KG: We have talked to them and they seem uninterested.] [KH: Since it is on the noxious weed list can we get the parties together with HDOA to form a strategy?] [TF: Does the county have any influence on landowners to control noxious weeds?] [LH: Not on private land.] [CB: We need to consider seed bank, flight time for survey and treatment, EA, roadblocks, etc. to make a proposal for control.] [CK: Accessibility to FG by air is an issue as much of this land has grazing cattle. There are also rare native plants in this area, so that would be a concern for aerial herbicide control.] [NT: Is "containment" for bush beard grass on Oahu working?] [CB: OISC basically decided to contain it on 1/2 of the island.] [KH: Does FG warrant staying on our target list?] [CB: Feasibility is a measure of cost.

You need to do a study to determine this.] [JS: Who do we present this study to? Who would be willing to give more funding for this project?] [CB: HISC? FS? Others?] [TF: It is frustrating to have targets on our list that are not being addressed like FG.] [JH: And you need to consider what additional targets might be added. Do you have time/funding for them all? I think that just documenting the decision process is important.] [CB: Yes, the study can also make the case to drop it as a target.] [JS: I think that we should produce documents from all of the data we have collected to date.] [KH: We have most of it already documented.] [CB: If we put FG on a containment status, would we still control if not on cliffside?] [KH: I move that we summarize the data, take off the active target list, put it on a containment status, and do early detection and eradication in new areas.] [LH: I second that motion.] [CB: Make sure we note why we took it off.]

Committee Decision on fountain grass:

- 1. Summarize collected data and cost feasibility of removal**
- 2. Work on containment of satellite populations**
- 3. Respond to new sightings**

Roadside survey potential target list: Discussion was based on table 6 in the Roadside Survey report:

Common Name	Scientific Name	Status	Count
balloon plant	<i>Asclepias physocarpa</i>	Nat	1
coral creeper	<i>Barleria repens</i>	?	1
beard grass	<i>Brachiaria brizantha</i>	Nat	1
alakon	<i>Broussonetia luzonica</i>	?	1
butterfly bush	<i>Buddleia asiatica</i>	Nat	1
water sprite, oriental water fern	<i>Ceratopteris thalictroides</i>	Nat	1
grape ivy	<i>Cissus nodosa</i>	Nat	1
season vine	<i>Cissus verticillata</i>	Nat	1
verben	<i>Clerodendrum glabrum</i>	Nat	1
blue butterfly	<i>Clerodendrum myricoides</i>	Nat	1
silver leaf cotoneaster	<i>Cotoneaster pannosus</i>	Nat	1
papyrus, kaluha, papulo	<i>Cyperus papyrus</i>	Nat	1
	<i>Elaeagnus triflora</i>	Nat	1
pearl flower	<i>Heterocentron subtriplinervium</i>	Nat	1
hiptage	<i>Hiptage benghalensis</i>	Nat	1
Kuhio vine	<i>Ipomoea horsfalliae</i>	?	1
cat's-claw climber	<i>Macfadyena unguis-cati</i>	Cult/Nat	2
Asian melastome	<i>Melastoma septemnerium</i>	Nat	1
firespike	<i>Odontonema tubiforme</i>	Nat	4
elephant grass,	<i>Pennisetum purpureum</i>	?	1
pink trumpet vine	<i>Podranea ricasoliana</i>	Nat	1
kudzu vine	<i>Pueraria montana var. lobata</i>	?	1
molucca raspberry	<i>Rubus sieboldii</i>	Nat	1
Mexican elder	<i>Sambucus mexicana</i>	Nat	1
Brazilian nightshade	<i>Solanum seaforthianum</i>	Nat	1
New Zealand spinach	<i>Tetragonia tetragonioides</i>	Nat	1
tree marigold	<i>Tithonia diversifolia</i>	Nat	1
tape grass	<i>Vallisneria americana</i>	Nat	1

This list was pulled from the database of information that the roadside survey team collected. It was compiled from all target species that had a distribution count of 5 or less sites on Kauai. During discussion it was discovered that not all of the targets on this list

warrant further investigation. Some of these species, when found to be widely established, were dropped from the target list with no further information gathered; they appeared on this list because they had a low distribution count.

Committee decision on Early Detection List:

1. **Natalia will whittle the list down by removing all species that were not on the original survey target list and also known to be widespread.**
2. **Keren will distribute this list for input by island experts.**
3. **Delimiting surveys will be conducted on remaining possible species.**
4. **KISC will discuss list of feasible eradication targets**
5. **KISC will submit list of eradicatable targets to USFWS for possible additional funding.**

IX. Announcements:

- ◆ Established Pest Working Group Meeting – February 25, 2008
- ◆ Kauai Conservation Conference – April 11, 2008
- ◆ Brown Tree Snake Working Group Meeting – April 16-18, 2008
- ◆ Hawaii Conservation Conference – July 19, 2008
- ◆ Wilderness First Aid - TBA
- ◆ HACCP Planning Training - TBA

X. Next Meeting – April 17, 2008

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