

20100428 KISC Roadside Survey Weekly Report 4

1) Neighborhoods/areas surveyed: Hanama'ulu, Anahola, Nawiliwili, Puhi, Kealia, Wailua

2) Number nurseries/botanical gardens, etc. surveyed: None

3) Species of interest? (Is this something to panic about, or something that is just interesting to note?)

Acacia mangium- *Acacia mangium* was seen being grown and spreading from cultivation in a fairly localized area around Wailua Reservoir. Between 14 and 27 individuals were spotted in the area.

Acacia cf. auriculiformis- We found a large property in the Aliomanu area with over 100 individuals of what we think could be *Acacia auriculiformis* (trees were sterile- fertile material is needed for a confirmation of the ID). This property may deserve a special visit, because they appeared to have large plantings of lesser-seen species.

Dillenia suffruticosa- this species was not spotted on road surveys, but was collected on a Miconia survey in Wailua by KISC. This species was also seen in Allerton Garden during our tour with Tim Flynn. It has proven to be a serious weed in localized areas of Oahu, so we will continue to look for this species in the future. May be a good candidate for removal.

4) Name of any new state/island records found:

***Coccothrinax barbadensis* (NIR)**- this species is fairly frequently seen in cultivation, both on Oahu and on Kauai. We've seen a few (unconfirmed) instances of this species naturalizing around the island. This was the first time we found a fertile specimen.

5) Any surveys done that are a follow-up or delimiting survey for plants previously found? None

6) Any species, previously deemed "actionable" (e.g. kudzu) found? Cultivated or naturalized and in which neighborhood?

Coccinia grandis- several locations:

Anahola, one scrambling on *Justicia*, *Casuarina* and another female, no fruit seen.

Nawiliwili, one location

Kealia, one location

Piper auritum:

On Mai'a Street

Angiopteris evecta:

Nawiliwili

7) Any outreach, research, presentations or other items of interest?

Continuing work on researching control techniques for bromeliads, trials were started on plants at Lyon Arboretum. Previously labeled to genus as *Vriesea* sp., we were able to get a

name from bromeliad experts (Harry Luther and Eric Gouda) that the species is *Werauhia gladioliflora*. This species is spreading at least adventively in Lyon by wind dispersed seed.

8) Any IDs (other than OED), or other herbarium-related work (label-making, mounting, etc)? None

9) Any upcoming funding/work opportunities? None