

20100415 KISC Roadside Survey Weekly Report 3

1) Neighborhoods/areas surveyed: Kapa`a, Kalihiwai, Kilauea, Lihue, 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?)

***Stenocarpus sinuatus* (?)**- this was an interesting find, but nothing to panic about. A fairly uncommonly seen tree (Bishop Museum collections are exclusively from arboreta and the UH campus), *S. sinuatus* has two weak references to it in the Global Compendium of Weeds, and received a score of -4 on the HPWRA. Notable for its rarity, but will probably not be recommended for removal.

Rubus sieboldii- *R. sieboldii* was found in localized patches in the town of Kilauea. We saw quite a bit spreading down hills and into pastures in the area, so it is likely that we did not see the full extent of this species.

Pararchidendron pruinosum- A very striking member of the Fabaceae family. Nothing to panic about- we just thought it was interesting to find a rarely-seen plant (Bishop Museum's only collection is from NTBG) in a residential yard.

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

***Felicionium decipiens* (NIR)**- this bird-dispersed, commonly planted species was collected before on Oahu, Maui, and Big Island.

***Costus scaber* (NNR)**- it is unclear whether this species is the same one as a species we've been seeing naturalizing in the majority of neighborhoods we've visited on the island, since many of the individuals have been sterile or are in various states of post-anthesis. In any case, this is a new record of this species naturalizing in Hawaii (Curt Daehler noted it as "showing signs of naturalization" in Lyon Arboretum), and the species may be quite widespread across the island of Kauai. If this is the case, it might be a good species to look out for on other islands.

***Ocimum basilicum* (NIR)**- Basil was collected on most other main islands before- this was the first obviously naturalized individual we've seen on Kauai.

***Tillandsia recurvata* (NIR)**- we noted this self-pollinating species naturalizing and spreading in a few residential areas on Oahu. On Kauai, it was spotted spreading down a fence (it was unclear whether this was the original introduction point) and into the hedge in a yard.

***Euphorbia leucocephala* (NIR)**- previously collected as naturalized by Forest and Kim Starr, this species has been seen spreading in several neighborhoods on Kauai (most notably in the Koloa/Kalaheo area.) This was the first instance of it being obviously unplanted, as it was one small seedling popping out of a dense residential hedge.

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?
Piper auritum- seen in Kalihiwai and in Kilauea

7) Any outreach, research, presentations or other items of interest? Talked to a homeowner, Bruce Cosbey, about our work and he showed us his backyard.

8) Any IDs (other than OED), or other herbarium-related work (label-making, mounting, etc)? HBS Records article in progress.

9) Any upcoming funding/work opportunities? None