

20100525 KISC Roadside Survey Weekly Report 5

1) Neighborhoods/areas surveyed: Oma'ō, Waimea Canyon, Koloa, Poipu

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?)

Cissus verticillata- we found 2 isolated patches of *C. verticillata* in the Koloa area, possibly in the same area it has previously been collected from by Tim Flynn. Although many individuals (over 30) were seen, this species appears restricted to a localized area. This species still appears to be a good candidate for removal.

Plectranthus neochilus- this species has been seen sparingly naturalized on Oahu, and was seen being grown in a new development in Poipu (actually no residents here yet). After talking with a landscaper in the area, we learned they get all their plants from Kauai Nursery and Landscaping. Since this species appears to be a fairly new introduction to cultivation in Hawaii, it might be a good candidate for outreach to nurseries and removal from this development area. (Side note: it smells terrible and has been used to repel dogs, deer, and apparently snakes.) Though not noticed on our roadsurveys other than here, it was not an official survey species. It would be good to ask KNL how often (if at all) they have landscaped with this species in the past.

Picris hieracioides- Katie Cassel submitted a plant sample of a recently established Asteraceae in the Kokee area. Clyde recognized it from a collection he made on Lanai, occasionally naturalized in open dry areas. It would be good to confirm the identity of this plant with a fertile collection but otherwise it is a good vegetative match for *P. hieracioides*, which would be a new island record for Kauai. Again this species was not on our original survey species list. It was not recognized by local several local botanists however, so may truly be a recent introduction island-wide. We will keep an opportunistic eye out for it on further surveys, especially in Kokee. It is possible it could be included in the final analysis of potential species for control. KRCP is currently controlling the known population, though it sounds like there may be a seed bank to exhaust.

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

Plumbago auriculata (NIR)- a commonly cultivated ornamental which typically spreads in neighborhoods and dry roadside areas, seen sparingly naturalized in Poipu.

Tabebuia pallida (NIR)- a street tree throughout Kauai, often planted with *T. heterophylla* (a common street tree/naturalized species in Hawaii). Saplings of this species were found spreading in Poipu. It is possibly hybridizing with *T. heterophylla*, though these species may need taxonomic work.

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- address unknown. We spoke with the owner, who patrols the property. According to him, the house used to be inhabited by drug dealers, so he is cautious about people approaching the area. He told us he uses the plant in cooking, and has shared cuttings with others.

Coccinia grandis- a male *C. grandis* was spotted in Koloa.

7) Any outreach, research, presentations or other items of interest? Contacted Jin Wah about the possibility of her joining us on future surveys.

8) Any IDs (other than OED), or other herbarium-related work (label-making, mounting, etc)? Continuing HBS paper for 2009 records.

9) Any upcoming funding/work opportunities? None