

APPENDIX B: 2015-2017 Alien Plant Survey List

Table B-1. 2015-2017 Survey List.

Scientific Name	Reason for Mapping	Found (Y/N?)	Future Surveying Recommendation	Field Survey Comments
<i>Acacia auriculiformis</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Acacia mangium</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Acanthus mollis</i>	Potentially Incipient	Y	Keep on Survey List	Appears to be spreading at one cabin site
<i>Achyranthes aspera</i>	Potentially Incipient	N	Keep on Survey List	
<i>Ailanthus altissima</i>	Potentially Incipient	N	Keep on Survey List	almost eradicated by KRCP
<i>Alocasia cucullata</i>	Potentially Naturalized	Y	Keep on Survey List	need voucher to report as naturalized
<i>Alstonia macrophylla</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Angiopteris evecta</i>	Potentially Incipient	Y	Keep on Survey List	getting widespread
<i>Anthoxanthum odoratum</i>	Potentially Incipient	N	Keep on Survey List	
<i>Archontopheonix alexandrae</i>	Potentially Naturalized	Y	Keep on Survey List	commonly naturalized - needs to be vouchered and reported
<i>Arctium cf. minus</i>	Potentially Naturalized	Y	Keep on Survey List	Vegetative material vouchered. Landowner says it is common in area, but only one individual noted.
<i>Ardisia crenata</i>	Potentially Incipient	Y	Keep on Survey List	seems to have been distributed through nurseries
<i>Artabotrys hexapetalus</i>	On 2010 Survey List; Potentially Incipient	Y	Remove from Survey List; document impacts incidentally	may be naturalized in Huleia
<i>Arucaria sp.</i>	Potentially Naturalized	Y	Keep on Survey List	new naturalization or adventive record; needs to be vouchered (Kalaheo)
<i>Arundo donax</i>	KISC Target	Y	Keep on Survey List	
<i>Asclepias curassavica</i>	Pono List Species; impacts unknown	Y	Keep on Survey List?	
<i>Barleria repens</i>	Potentially Naturalized	Y	Remove from Survey List; document impacts incidentally	new naturalization record
<i>Bischofia javanica</i>	Potentially Incipient	Y	Keep on Survey List	new naturalization record???
<i>Breynia disticha</i>	Potentially Naturalized	Y	Keep on Survey List	new naturalization/adventive record; needs to be vouchered
<i>Buddleja madagascariensis</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Buddleja paniculata</i>	Potentially Incipient	Y	Keep on Survey List	

Scientific Name	Reason for Mapping	Found (Y/N?)	Future Surveying Recommendation	Field Survey Comments
<i>Calliandra houstoniana</i> var. <i>calothyrsus</i>	Previous KISC Early Detection Species	Y	Keep on Survey List	very common around halfway bridge
<i>Callitris columellaris</i>	Potentially Naturalized	Y	Remove from Survey List; document impacts incidentally	new naturalization record
<i>Calotropis procera</i>	On previous survey lists	Y	Remove from Survey List; document impacts incidentally	widespread
<i>Canavalia sericea</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Carissa macrocarpa</i>	Potentially Naturalized	Y	Remove from Survey List; document impacts incidentally to inform HPWRA	new adventive record
<i>Cedrela odorata</i>	Potentially Incipient	Y	Keep on Survey List	appears adventive; undetected forest plantings may be present
<i>Cenchrus logisetus</i>	Potentially Incipient	Y	Remove from Survey List; document impacts incidentally	may have been eradicated from known site
<i>Cenchrus setaceus</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Centrosema molle</i>	Potentially Incipient	Y	Keep on Survey List	May be more widely distributed than data suggests
<i>Cereus uruguayanus</i>	Potential Pono List Species	Y	Remove from Survey List; document impacts incidentally	
<i>Cinnamomum verum</i>	Potentially Incipient	Y	Keep on Survey List	Identification issues
<i>Cirsium vulgare</i>	On previous survey lists	Y	Remove from Survey List; document impacts incidentally	Not well mapped but it's very common in Kokee; may not be worth effort to map more
<i>Cissus nodosa</i>	Previous KISC Early Detection Species	Y	Keep on Survey List	
<i>Cissus rotundifolia</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Cissus verticillata</i>	Previous KISC Early Detection Species	Y	Keep on Survey List?	very common around Koloa
<i>Citharexylum caudatum</i>	Previous KISC Early Detection Species	Y	Remove from Survey List; document impacts incidentally	widespread; invasive impacts noted
<i>Citharexylum spinosum</i>	Previous KISC Early Detection Species	Y	Remove from Survey List; document impacts incidentally	new naturalization record

Scientific Name	Reason for Mapping	Found (Y/N?)	Future Surveying Recommendation	Field Survey Comments
<i>Clerodendrum buchananii</i>	Potentially Naturalized	Y	Keep on Survey List	new naturalization record
<i>Clerodendrum glabrum</i>	In KISC database	N	?	
<i>Clerodendrum inerme</i>	On 2010 Survey List; Potentially Naturalized	Y	Remove from Survey List; document impacts incidentally	new naturalization record
<i>Clerodendrum macrostegium</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Clitoria ternatea</i>	Potentially Naturalized	Y	Remove from Survey List; document impacts incidentally	new naturalization record
<i>Coccinia grandis</i>	KISC Target	Y	Keep on Survey List	
<i>Cordia alliodora</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Cordia sebestena</i>	Potentially Naturalized	Y	Keep on Survey List	new adventive record
<i>Costus woodsonii</i>	Potentially Naturalized	Y	Keep on Survey List	new naturalization record
<i>Cotoneaster pannosus</i>	Potentially Incipient	Y	Keep on Survey List	May be more widely distributed than data suggests
<i>Crassula multicava</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Crotalaria assamica</i>	Potentially Incipient	Y	Remove from Survey List; document impacts incidentally	Distribution uncertain; been around a long time; probably not a good Target
<i>Crotalaria juncea</i>	Potentially Naturalized	Y	Keep on Survey List	
<i>Crotalaria verrucosa</i>	Potentially Incipient	Y	Keep on Survey List	new naturalization record
<i>Cryptostegia madagascarienses</i>	Previous KISC Early Detection Species	Y	Keep on Survey List?	
<i>Cyperus papyrus</i>	Potentially Incipient	Y	Keep on Survey List	May be more widely distributed than data suggests
<i>Derris elliptica</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Dillenia suffruticosa</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Dombeya x cayeuxii</i>	Potentially Naturalized	Y	Keep on Survey List	new naturalization record; ID issues
<i>Dovyalis hebecarpa</i>	Potentially Naturalized	Y	Keep on Survey List	new naturalization record
<i>Dracaena marginalis</i>	Potentially Naturalized	Y	Keep on Survey List	new naturalization record; needs to be vouchered
<i>Elaeagnus triflora</i>	In KISC database	N	?	

Scientific Name	Reason for Mapping	Found (Y/N?)	Future Surveying Recommendation	Field Survey Comments
<i>Eleagnus cf. angustifolia</i>	Potentially Incipient	Y	Keep on Survey List	ID issues
<i>Euphorbia cyathophora</i>	Potential Pono List Species	Y	Remove from Survey List; document impacts incidentally	
<i>Euphorbia tirucalli</i>	Potential Pono List Species	Y	Remove from Survey List; document impacts incidentally	
<i>Euphorbia tithamyloides</i>	Potential Pono List Species	Y	Remove from Survey List; document impacts incidentally	new naturalization record
<i>Ficus macrophylla</i>	Potentially Naturalized	Y	Keep on Survey List	pollinator wasp detected; hard to tell if populations are naturalized
<i>Ficus religiosa</i>	Potentially Incipient	Y	Keep on Survey List	new adventive record
<i>Ficus rubiginosa</i>	Potentially Naturalized	Y	Keep on Survey List	pollinator wasp detected; hard to tell if populations are naturalized
<i>Ficus virens</i>	Potentially Naturalized	Y	Keep on Survey List	pollinator wasp detected
<i>Ficus watkinsiana</i>	Potentially Naturalized	Y	Keep on Survey List	pollinator wasp detected
<i>Filicium decipiens</i>	Potential Pono List Species		Keep on Survey List	
<i>Flemingia macrophylla</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Flindersia brayleyana</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Galium aparine</i>	Potentially Incipient	N	Keep on Survey List	
<i>Gladiolus dalenii</i>	Potentially Naturalized	Y	Keep on Survey List	new naturalization record
<i>Grevillea banksii</i>	Potentially Incipient	Y	Keep on Survey List?	large infestations, but known from only two distinct areas
<i>Harrisia eriophora</i>	Potentially Incipient	Y	Keep on Survey List	new naturalization record
<i>Heliotropium amplexicaule</i>	Potentially Naturalized	Y	Keep on Survey List	naturalized; becoming a common lawn weed in Kapaa and Lihue - needs to be vouchered and reported
<i>Heritiera littoralis</i>	Potentially Incipient: Pono List?	Y	Keep on Survey List	
<i>Heterotheca grandiflora</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Hiptage benghalensis</i>	On previous survey lists; high profile	Y	Keep on Survey List	

Scientific Name	Reason for Mapping	Found (Y/N?)	Future Surveying Recommendation	Field Survey Comments
<i>Impatiens sodenii</i>	Potentially Incipient	Y	Keep on Survey List	pretty common in Kokee; not well mapped
<i>Inga sertulifera subsp. leptopus</i>	Potentially Incipient	N	Keep on Survey List	potentially eradicated by landowner
<i>Ipomoea aquatica</i>	Potentially Naturalized	Y	Keep on Survey List	new naturalization record; needs to be vouchered
<i>Jasminum polyanthum</i>	Potentially Incipient	Y	Keep on Survey List	new adventive record
<i>Juncus effusus</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Juncus polyanthemos</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Justicia spicigera</i>	Potentially Incipient	Y	Keep on Survey List	new naturalization record
<i>Koelreuteria sp</i>	Potentially Incipient	Y	Keep on Survey List	ID issues
<i>Lactuca serriola</i>	Potentially Incipient	Y	Keep on Survey List?	not well mapped but pretty common in Kekaha;
<i>Leptospermum scoparium</i>	Potentially Incipient	N	Keep on Survey List	
<i>Leucaena leucocephala subsp. glabrata</i>	Potentially Naturalized	Y	Keep on Survey List	potentially widely naturalized; monitor for hybridization
<i>Ligustrum lucidum</i>	Potentially Incipient	N	Keep on Survey List	
<i>Ligustrum sinense</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Lonicera japonica</i>	Pono List Species	Y	Remove from Survey List; document impacts incidentally?	Not well mapped, but very common in Kokee
<i>Macaranga mappa</i>	KISC Target	Y	Keep on Survey List	
<i>Macfadyena unguis cati</i>	Potentially Incipient	Y	Remove from Survey List; document impacts incidentally	widespread
<i>Megaskepasma erythrochlamys</i>	Potential Pono List Species	Y	Remove from Survey List; document impacts incidentally	impacts noted; sold in nurseries
<i>Melochia umbellata</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Merremia peltata</i>	Potentially Incipient	N	Keep on Survey List	
<i>Metrosideros excelsa</i>	Potentially incipient; reports of hybridization within genus	N	Keep on Survey List	report

Scientific Name	Reason for Mapping	Found (Y/N?)	Future Surveying Recommendation	Field Survey Comments
<i>Metrosideros kermadecensis</i>	Potentially incipient; reports of hybridization within genus	N	Keep on Survey List	
<i>Miconia calvescens</i>	KISC Target	Y	Keep on Survey List	
<i>Mimosa caesalpiniiifolia</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Molineria capitulata</i>	Potential Pono List Species	Y	Remove from Survey List; document impacts incidentally	impacts noted; sold in nurseries
<i>Morella cerifera</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Muntingia calabura</i>	On 2010 Survey List; Potentially Naturalized	Y	Remove from Survey List; document impacts incidentally	new naturalization record
<i>Nicotiana glauca</i>	In KISC database	N	?	
<i>Ochroma pyramidale</i>	Potentially Incipient	N	Keep on Survey List	
<i>Odontonema cuspidatum</i>	In KISC database	Y	Remove from Survey List; document impacts incidentally	Not well mapped because it's very commonly naturalized; may not be worth effort to record invasive impacts
<i>Pachira glabra</i>	Potentially Naturalized	Y	Remove from Survey List; document impacts incidentally	new naturalization record; sold in nurseries
<i>Paspalum unispicatum</i>	Potentially Incipient	N	Keep on Survey List	
<i>Paulownia tomentosa</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Pelargonium × domesticum</i>	Potentially Naturalized	Y	Keep on Survey List?	A single adventive population about 3/4 hectare
<i>Peltophorum pterocarpum</i>	Potential Pono List Species	Y	Keep on Survey List	This species does not seem Low Risk; becoming very common in Kapaa; additional data may help inform HPWRA
<i>Pereskia aculeata</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Philadelphus karwinskyanus</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Phoenix sp.</i>	Potentially Incipient	Y	Keep on Survey List	new naturalization record; but need voucher and identification
<i>Picris hieracioides</i>	Potentially Incipient	N	Keep on Survey List	may be almost eradicated by DOFAW/KRCP
<i>Piper aduncum</i>	Potentially Incipient	N	Keep on Survey List	
<i>Piper auritum</i>	KISC Target	Y	Keep on Survey List	

Scientific Name	Reason for Mapping	Found (Y/N?)	Future Surveying Recommendation	Field Survey Comments
<i>Pittosporum pentandrum</i>	Potentially Incipient	Y	Keep on Survey List	Distribution uncertain; need more data
<i>Platycerium bifurcatum</i>	Potential Pono List Species	Y	Remove from Survey List; document impacts incidentally	sold in nurseries
<i>Plectranthus verticillatus</i>	Potential Pono List Species	Y	Remove from Survey List; document impacts incidentally	sold in nurseries
<i>Pleiotachya pruinosa</i>	Potentially Naturalized	Y	Keep on Survey List	new naturalization record; potentially common in cultivation
<i>Poranopsis paniculata</i>	Potential Pono List Species	Y	Remove from Survey List; document impacts incidentally	new naturalization record; sold in nurseries
<i>Prosopis juliflora</i>	KISC Target	Y	Keep on Survey List	
<i>Prunus campanulata</i>	Potentially Incipient	Y	Keep on Survey List	getting quite common in Kokee
<i>Prunus persica</i>	Potentially Naturalized	Y	Remove from Survey List; document impacts incidentally	new naturalization record
<i>Pueraria montana</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Pyracantha angustifolia</i>	Potentially Incipient	N	Keep on Survey List	
<i>Pyracantha crenatoserrata</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Pyracantha koidzumii</i>	Potentially Incipient	N	Keep on Survey List	
<i>Pyrostegia venusta</i>	Potential Pono List Species	Y	Keep on Survey List	not seen in nurseries, but it's probably still sold
<i>Rauwolfia vomitoria</i>	Potentially Incipient	N	Keep on Survey List	Removed by landowner
<i>Rhaphiolepis umbellata</i>	Potentially Naturalized	Y	Remove from Survey List; document impacts incidentally to inform HPWRA	new adventive record
<i>Rhynchospora caduca</i>	Potentially Incipient	Y	Keep on Survey List	very common in one bog, reported from another
<i>Rosa laevigata</i>	Potentially Incipient	Y	Keep on Survey List	new naturalization record
<i>Roystonea regia</i>	Potentially Naturalized	Y	Keep on Survey List	new naturalization record; needs to be vouchered
<i>Rubus niveus</i>	Potentially Incipient	N	Keep on Survey List	may have been eradicated from known site; known to be on Kauai because someone selling plants on craigslist
<i>Rubus sieboldii</i>	KISC Target	Y	Keep on Survey List	

Scientific Name	Reason for Mapping	Found (Y/N?)	Future Surveying Recommendation	Field Survey Comments
<i>Ruellia cf squarrosa</i>	Potentially Incipient	Y	Keep on Survey List	new naturalization record; needs finalized identification
<i>Sagittaria cf. lancifolia</i>	Potentially Incipient		Keep on Survey List	id issues
<i>Salix sp.</i>	Potentially Incipient	Y	Keep on Survey List	Plants found in Kokee; new naturalization record
<i>Salvinia molesta</i>	Potentially Incipient; high profile	Y	Keep on Survey List	
<i>Schefflera arboricola</i>	Potential Pono List Species	Y	Remove from Survey List; document impacts incidentally?	impacts noted; sold in nurseries
<i>Senecio madagascarienses</i>	Potentially Incipient	N	Keep on Survey List	Appears to be eradicated
<i>Sesbania grandiflora</i>	Potentially Naturalized	Y	Remove from Survey List; document impacts incidentally?	new naturalization record -possibly just adventive
<i>Sesuvium cf. verrucosum</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Setaria palmifolia</i>	Potentially Incipient	Y	Keep on Survey List	pretty common
<i>Solanum quitoense</i>	Potentially Incipient	N	Keep on Survey List	Mugs recognizes
<i>Solanum torvum</i>	KISC Target	Y	Keep on Survey List	
<i>Spartium junceum</i>	Potentially Incipient	Y	Keep on Survey List	potentially eradicated; amend naturalization record?
<i>Stapelia gigantea</i>	Potential Pono List Species	Y	Remove from Survey List; document impacts incidentally	new naturalization record
<i>Stylosanthes scabra</i>	Potentially Incipient	Y	Keep on Survey List	Distribution uncertain; need more data
<i>Syngonium podophyllum</i>	Potentially Naturalized	Y	Remove from Survey List; document impacts incidentally	new naturalization record
<i>Tabebuia heterophylla</i>	Potentially Naturalized	Y	Keep on Survey List	new adventive record
<i>Tamarindus indica</i>	Potentially Naturalized	Y	Remove from Survey List; document impacts incidentally	new naturalization record -possibly just adventive
<i>Tamarix aphylla</i>	Potentially Incipient	Y	Keep on Survey List	Not well mapped; ID error by surveyor; not seen outside of cultivation - possibly very common in cultivation in Hanapepe
<i>Tetrastigma pubinerve</i>	Potentially Incipient	N	Keep on Survey List	Possibly seen at a distance in Princeville
<i>Themeda villosa</i>	Potentially Incipient	Y	Keep on Survey List	

Scientific Name	Reason for Mapping	Found (Y/N?)	Future Surveying Recommendation	Field Survey Comments
<i>Thevetia peruviana</i>	Potential Pono List Species	Y	Remove from Survey List; document impacts incidentally?	impacts noted; sold in nurseries
<i>Tibouchina herbacea</i>	Potentially Incipient	N	Keep on Survey List	may have been eradicated from known site
<i>Torenia glabra</i>	Potentially Naturalized	Y	Remove from Survey List; document impacts incidentally?	new naturalization record
<i>Trembleya phlogiformis</i> var. <i>parvifolia</i>	Potentially Incipient	N	Keep on Survey List?	
<i>Trimezia martinicensis</i>	Potentially Naturalized	Y	Keep on Survey List	new naturalization/adventive record; needs to be vouchered
<i>Typha latifolia</i>	KISC Target	Y	Keep on Survey List	
<i>Typhonodorum lindleyanum</i>	Potentially Incipient	Y	Keep on Survey List	appears adventive
Unknown Sapindaceae	Potentially Incipient	Y	Keep on Survey List	ID issues; invading stream in Lawai
<i>Veronica plebeia</i>	Potentially Incipient	Y	Keep on Survey List	Distribution uncertain; need more data
<i>Vicia sativa</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Vitex trifolia</i>	Potentially Naturalized	Y	Remove from Survey List; document impacts incidentally	cultivated and naturalized on Kauai
<i>Wisteria sinensis</i>	Potentially Incipient	Y	Keep on Survey List	
<i>Xyris complanata</i>	Potentially Incipient	Y	Remove from Survey List; document impacts incidentally	widespread
<i>Yucca</i> cf. <i>aloifolia</i>	Potentially Incipient	Y	Keep on Survey List	new naturalization record; ID uncertain
<i>Zephyranthes citrina</i>	Potentially Incipient	Y	Remove from Survey List; document impacts incidentally	pretty common; ephemeral flowers, hard to survey for