Appendix 1. Alien plant screening system from Pheloung et al. (1999) with minor modifications for use in Pacific Islands (Daehler, C. C., and D. A. Carino. 2000. Predicting invasive plants: Prospects for a general screening system based on current regional models. Biological Invasions 2:92-103.)

A.Biogeography/historical					scoring
	1	Domestication/ cultivation	1.01	Is the species highly domesticated?	y=-3, n=0
			1.02	Has the species become naturalized where grown?	y=1, n=-1
			1.03	Does the species have weedy races?	y=1, n=-1
	2	Climate and Distribution	2.01	Species suited to tropical or subtropical climate(s) (0-low; 1-intermediate; 2-high) – If island is primarily wet habitat, then substitute "wet tropical" for "tropical or subtropical"	See Append 2
			2.02	Quality of climate match data (0-low; 1-intermediate; 2-high) see appendix 2	
			2.03	Broad climate suitability (environmental versatility)	y=1, n=0
			2.04	Native or naturalized in regions with tropical or subtropical climates	y=1, n=0
			2.05	Does the species have a history of repeated introductions outside its natural range? y=-2	?=-1, n=0
	3	Weed Elsewhere (depends on 2.01 and 2.02)	3.01	Naturalized beyond native range y = 1*multiplier (see Append 2), n= question 2.05	
			3.02	Garden/amenity/disturbance weed y = 1*multiplier (see Append 2)	n=0
			3.03	Agricultural/forestry/horticultural weed y = 2*multiplier (see Append 2)	n=0
			3.04	Environmental weed y = 2*multiplier (see Append 2)	n=0
			3.05	Congeneric weed y = 1*multiplier (see Append 2)	n=0
	B.Biology/Ecology				
	4	Undesirable traits	4.01	Produces spines, thorns or burrs	y=1, n=0
			4.02	Allelopathic	y=1, n=0
			4.03	Parasitic	y=1, n=0
			4.04	Unpalatable to grazing animals	y=1, n=-1
			4.05	Toxic to animals	y=1, n=0
			4.06	Host for recognized pests and pathogens	y=1, n=0
			4.07	Causes allergies or is otherwise toxic to humans	y=1, n=0
			4.08	Creates a fire hazard in natural ecosystems	y=1, n=0
			4.09	Is a shade tolerant plant at some stage of its life cycle	y=1, n=0
			4.10	Tolerates a wide range of soil conditions (or limestone conditions if not a volcanic island)	y=1, n=0
			4.11	Climbing or smothering growth habit	y=1, n=0
			4.12	Forms dense thickets	y=1, n=0
	5	Plant type	5.01	Aquatic	y=5, n=0
			5.02	Grass	y=1, n=0
			5.03	Nitrogen fixing woody plant	y=1, n=0
			5.04	Geophyte (herbaceous with underground storage organs -- bulbs, corms, or tubers)	y=1, n=0
	6	Reproduction	6.01	Evidence of substantial reproductive failure in native habitat	y=1, n=0
			6.02	Produces viable seed.	y=1, n=-1
			6.03	Hybridizes naturally	y=1, n=-1
			6.04	Self-compatible or apomictic	y=1, n=-1
			6.05	Requires specialist pollinators	y=-1, n=0
			6.06	Reproduction by vegetative fragmentation	y=1, n=-1
			6.07	Minimum generative time (years) 1 year = 1, 2 or 3 years = 0, 4+ years = -1	See left
	7	Dispersal mechanisms	7.01	Propagules likely to be dispersed unintentionally (plants growing in heavily trafficked areas)	y=1, n=-1
			7.02	Propagules dispersed intentionally by people	y=1, n=-1
			7.03	Propagules likely to disperse as a produce contaminant	y=1, n=-1
			7.04	Propagules adapted to wind dispersal	y=1, n=-1
			7.05	Propagules water dispersed	y=1, n=-1
			7.06	Propagules bird dispersed	y=1, n=-1
			7.07	Propagules dispersed by other animals (externally)	y=1, n=-1
			7.08	Propagules survive passage through the gut	y=1, n=-1
	8	Persistance attributes	8.01	Prolific seed production (>1000/m2)	y=1, n=-1
			8.02	Evidence that a persistent propagule bank is formed (>1 yr)	y=1, n=-1
			8.03	Well controlled by herbicides	y=-1, n=1
			8.04	Tolerates, or benefits from, mutilation, cultivation, or fire	y=1, n=-1
			8.05	Effective natural enemies present locally (e.g. introduced biocontrol agents)	y=-1, n=1
				Total score:	=sum
				Outcome:	